

A HISTORICAL REFERENCE
LIST OF THE REVENUE STAMPS
OF THE UNITED STATES
INCLUDING THE PRIVATE DIE
PROPRIETARY STAMPS (1899)



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KESSINGER LEGACY REPRINTS

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OF THE
UNITED STATES
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PRIVATE DIE PROPRIETARY STAMPS.

COMPILED BY
GEORGE L. TOPPAN, HIRAM E. DEATS AND ALEXANDER HOLLAND,
A COMMITTEE OF THE
BOSTON PHILATELIC SOCIETY.

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PREFACE.

The present work, as its title indicates, is designed to be more than a mere reference list, or catalogue, of the various emissions of the Revenue Stamps of the United States.

It aims not only to be a reliable and complete catalogue, but to give a full and detailed description of each stamp; its history, so far as it has been possible to ascertain it, and such other data as has been deemed to be of general interest.

It has been compiled almost entirely from official records; the committee having been so fortunate as to have had full access to all the books, accounts, correspondence, and other records of the late firms of Butler & Carpenter, and Joseph R. Carpenter, who held the government contracts for the engraving and printing of this class of stamps from their inception, in September, 1862, to August 31st, 1875.

These records, which are now the property of Mr. H. E. Deats, one of our committee, have proved of inestimable value to us. They are very full and complete and, covering as they do, the most interesting and complicated issues of the stamps in question, they have enabled us to solve many interesting and, hitherto, puzzling questions.

In addition to the above we have obtained copies of the official records for the period covered by the contracts with the National Bank Note Co., and the Bureau of Engraving and Printing. These, while not so full of historical data as the records of the first contractors, are sufficiently so for all practical purposes and carry us to the repeal of the stamp tax in 1883.

Commencing again in August, 1894, at which time the current two cent Playing Card stamps were first issued, we have obtained copies of the official records up to Dec. 31st, 1898.

The work, therefore, is complete and includes all stamps issued up to the above date, beyond which we have, for many reasons, deemed it inexpedient to go.

The information gleaned from the records has, of course, been supplemented by much individual research and investigation and, as the work is more in the nature of a compilation than of an original monograph, we have drawn freely upon the contents of the several works upon these stamps.

We have been extremely careful not to chronicle any stamp unless we had indisputable evidence of its existence and, in the case of imperforate or partly perforated stamps, this evidence has been the *personal knowledge* of the existence of said stamps *in unsevered pairs, or blocks*.

It has been deemed advisable, also, to omit all mention of double perforations, surface-colored papers, etc., for, while we do not deny that they are collectable, we regard them simply as oddities not worthy of recognition in any catalogue.



Again :—We can see no object in listing imperforate stamps as : “Vertical pair ; strip of three,” etc. The catalogue is swelled thereby, but, if a stamp is *known* to exist imperforate, blocks, pairs, etc., are naturally to be found, and the enumeration of them might be continued indefinitely until “ unbroken sheets ” were arrived at.

In a few cases the dates of approval of the dies, date of first, or last, issue, etc., are unknown to us ; but, after careful consideration, we have decided to retain the adopted form of statistical tabulation which precedes the description of each stamp and to leave blank the spaces which we are unable to fill in.

One pleasant duty remains for us : To acknowledge the hearty co-operation and material aid which we have received from many of the leading collectors and dealers of the United States.

Many of them have placed their entire collections, or stocks at our disposal for purposes of comparison and study, and the information thus obtained has been of inestimable value to us. Unfortunately the list of our benefactors is too long to admit of individual mention in this connection, but we are most happy to avail ourselves of this opportunity to express to them our heartiest thanks for, and appreciation of, the many favors which we have received from them.

GEORGE L. TOPPAN,
HIRAM E. DEATS,
ALEXANDER HOLLAND.

Boston, Mass., July 1, 1899.



For some reason this bill was never paid, and, after ceaseless correspondence covering a period of several years, another appropriation was made and the account was finally settled by the payment to Butler & Carpenter of a lump sum of twenty thousand dollars (\$20,000.00).

Under date of Feb. 25, 1864, Butler & Carpenter wrote to the Hon. J. J. Lewis, Commissioner of Internal Revenue, regarding this matter and, as the letter presents their case very fully and has some historical value, we quote it in full, as follows:—

“ We have the honor to draw your earnest attention to the following statement wherein we urge a modification of our contract with your Department expiring Oct. 1, 1864.

Our bid for the original contract in August, 1862, was based on prices current at that time, and on the estimated demand for stamps subsequently supported by the estimates of the former Commissioner, Hon. Geo. S. Boutwell. The lapse of time has proved these Departmental estimates—*which we were required to be in a position to fill*—far exceeded reality; while the cost of every material used in the manufacture of stamps has tremendously increased. Thus we have had, on the one hand, to contend with a deficiency of demand—said demand being less than one-seventh of the Bureau estimates—and, on the other, to incur a very heavy and unexpected, but unavoidable, increase of outlay caused by the greatly enhanced price of materials. The result has been a deficiency (Oct. 1, 1863) of receipts, as compared with expenditures, of about *forty-one thousand dollars*, and there is no reason to credit in the future any consumption of the stamps whereby this sum can be recovered. In view, therefore, of the advanced cost and great falling off in the consumption of stamps we are compelled to ask a modification of our contract. In support thereof permit us to state very respectfully that we feel we deserve just and generous consideration from the department. Our contract is one of great importance and responsibility, is, indeed, of a confidential nature. We have inaugurated, systematized, and carried on the business so as to afford every security to the Government and to merit the approbation of your Bureau. Our employees are all of unexceptionable character and known personally to us for many years past. They were carefully selected for their various charges and possess now an invaluable and experienced knowledge of their duties. We invoke in consideration of our business conduct the testimony of all officers of your department who have visited our manufactory; and we assert without fear of contradiction that we have in all instances sought to advance the best interests of the Government. In support of the statement with regard to the extraordinary diminution of the demand for stamps as compared with the estimates, we beg leave very respectfully to refer to the report of the former Commissioner, Hon. Geo. S. Boutwell, wherein it will be found he estimated the consumption of stamps at about *six hundred and fifty millions* (650,000,000) by June 30, 1863, or commensurately, at more than *eight hundred millions* (800,000,000) for the term of our contract, up to Sept. 30, 1863. Now, honored Sir, the records of your Department show only an actual demand, up to Sept. 30, 1863, of a little more than *one hundred and eight millions* (108,000,000). Receiving nothing for the engraving of the large, beautiful, and numerous steel plates (109 in number) the only hope of meeting the expenses of the business must be based on the amount of printing; and it is easy to see that with a diminution of at least *seven hundred per cent.* in this, the only source of receipts, it is impossible to escape ruinous loss even should the price of materials remain at the rates of 1862. *But that is far from being the fact.* We beg to state generally that, as compared with the prices current when we bid for the original contract, our paper has increased in cost from 75 to 100 per cent.; the



muslin used on some 4,000 large racks and in printing commands an advance of from 250 to 300 per cent. ; printing labor 100 per cent. ; blanketing and oil about the same advance ; gum from 12 to 14 per cent. ; colors from 10 to 200 per cent. Turpentine has tremendously advanced, salaries and the charges of all labor command, as is well known, considerable increase, steel, coal, in short almost everything in our business has advanced greatly in price. Finally, after mature and anxious consideration of the business with our knowledge of its unavoidable charges, of the small demand for stamps, and of the enhanced cost of all materials necessary to a proper discharge of the contract obligations we state earnestly that were we competitors now for the contract we would be unwilling to accept less rates than *forty cents per thousand stamps*, and this, also, with whatever surplus of stamps we have on hand. Without that available surplus we would not be willing to bid at the above rates, viz : *forty cents*. Begging an earnest and prompt consideration of this, we remain."

The above letter brought a reply from the commissioner asking if thirty-three cents per thousand stamps would be satisfactory. Under date of Mar. 7, 1864, Butler & Carpenter, reply as follows :

"The terms of *33 cents per thousand stamps* (with the claim of \$20,000) would be satisfactory to us." And, on March 23d, they acknowledge receipt "of the Contract executed in duplicate."

This rate, thirty-three cents per thousand stamps, remained in force from Oct. 1, 1863 to Dec. 31, 1865.

From Jan. 1st to Oct. 1, 1866 the rate paid for the stamps was twenty-five cents (25c.) per thousand.

For the contract year beginning Oct. 1, 1866 the rate was reduced to twenty (20) cents per thousand and this rate remained unchanged during the remainder of the time of the first issue, i. e., until the Fall of 1871.

Mr. John M. Butler, senior partner of the firm of Butler & Carpenter, died Oct. 20, 1868, and after that time the business was conducted under the name of Joseph R. Carpenter.

The price paid from Sept. 1st, 1871, until Aug. 31, 1875, when the contract passed to the National Bank Note Co., of New York, was twenty-three (23) cents per thousand stamps.

From that time until the Bureau of Engraving & Printing obtained the contract, in October, 1880, the price was nine (9) cents per thousand stamps.



FIRST ISSUE.—PAPER.

The first paper used was a very hard, brittle, and close grained wove paper. It was always satisfactory, and, so far as we have been able to ascertain, was used continuously for several years. In fact, it was not until early in 1869 that any change was made, so far as we know. Prior to this, dating back to the early part of 1866, some experiments were made with a paper designed to prevent the washing of, or removing the cancellation from, stamps. These experiments were continued off and on until the adoption of the chameleon paper characteristic of the second and succeeding issues; but they were *experiments only*, and stamps upon such papers were not issued to the public.

In 1869, however, the Government seriously considered supplying its own paper; heretofore it had always been bought by the printers and engravers, and this led to trouble and confusion, which is best explained by the following correspondence. On Oct. 30, 1869, Mr. Carpenter wrote to Mr. Lamasure as follows:

"The Commr's. letter & yr. comments are rec'd. I have written to the Comm'r. in regard to the matter.* The difficulty lies in the paper. We will soon have other paper & remedy it. I am very much worried & vexed about it. It is most unfortunate. But for the representation, however, of the Bureau's own officer, I would not have been placed in this dilemma. I trust that Mr. Delano will now understand how this occurs."

The letter to the Commissioner, referred to above, was written under the same date, and that portion relating to paper follows:

"* * * I have been very much embarrassed and harassed in my printing within the last four or six weeks. The regular stamp paper must possess certain qualities to hold the inks well, prevent rubbing, etc. The stock on hand was ample to meet the demand until some time in Sept. last. I understood that the new contemplated change of delivery and paper would go into effect about the first of September last, and, presuming therefore that I would have an ample supply of my old paper, I withheld orders for the manufacture of more of it, as it was probable it would all be thrown on my hands. It is needless to say that, for good & judicious reasons, it has not been supplied, but I had no reason to anticipate them. Hence I have been obliged to obtain paper of as good a quality as possible, paying more for it than for that regularly made to order, but this paper, changed several times to improve in its character, while it prints better, does not hold the ink as I wish. In the meanwhile the deliveries in the past three months have been quite largely in excess of the previous demands, and my balance

*This "matter" refers to complaints of the poor impressions which had lately been issued.



has been rapidly cut down. This I must make up, or much confusion, delay & complaint will ensue. In this dilemma I have had to do the best I could. I have lost thousands of impressions which I have not permitted to go out after completion. In the meantime, however, the paper is being made to suit the purpose of stamps, and I hope in a few days to have matters in their usual routine. I must, therefore, claim your indulgence somewhat in this matter. It is a subject of much mortification, but, as I was advised by a gentleman of your Bureau not to make orders for papers, under the impression that the new *watermarked paper** would be introduced on or about the 1st of Sept., I feel that the present trouble is not wholly chargeable to myself.†

The above clearly shows that, up to about Sept. 15th, 1869, the paper used had been uniformly satisfactory, and, presumably at least, of one quality. This being so, it becomes a clearly established fact that all stamps of this issue found on other than the thin, brittle paper, were printed not earlier than Sept., 1869.

The paper up to this time had been furnished by the firm of Willcox & Co., of Philadelphia, whose name is familiar in connection with the chameleon paper used subsequent to the first issue.

Mr. Carpenter's hope that in a few days he would have matters in their usual routine, was, unfortunately, not fulfilled, for, from that time on until the appearance of the second issue, continual trouble was experienced with the paper, even Willcox & Co. seeming to be unable to furnish the old paper, as is shown by the correspondence, notably the following from Mr. Carpenter to Mr. Lamasure, dated July 21, 1870:

"I have your note of the 20th inst., covering sample of last paper from Mr. Willcox. This paper does not seem equal to what we used formerly. It is not sufficiently sized and wants polish; undoubtedly the gum will strike through it * * *. I presume it will print well enough; but that is *only one* consideration in the manufacture of stamps."

Again, on Aug. 17, 1870, he writes: "The new paper of Willcox & Co. must be tested. * * * Let me have the Hudson paper (a sheet) when it arrives. It will be very green, of course, having just been manufactured."

On Aug. 30th: "The paper rec'd from Mr. Willcox is not at all acceptable. I decline to use it. It is worthless for my purpose. I refer to the last rec'd; a specimen of which is sent me. As to the other I consent to use it on ungummed stamps, provided we prepare enough stamps to consume the paper—otherwise not; Messrs. Willcox must agree to take the residue on my hands if not all used."

The "Hudson paper" referred to above was manufactured by the Hudson Paper Co., and it was their paper that contained the silk fibres, as is proven by the following letter, dated April 18, 1871, from Mr. Carpenter to Mr. Lamasure:

*Italics our own.

†The first part of this letter will be found on page 16, in the chapter devoted to "Color."



"You will please carefully count out the Hudson paper containing fibre, adding thereto the two sheets I send by Mr. Subers, and taking due memorandum of its character, viz:

999 sheets 17 x 14 in. Red Fibre,
1,003 " " " " " Red & blue Fibre.
<hr style="width: 10%; margin: 0;"/>
2,002

Report to me number of sheets of each kind. Having counted and described the paper, you will please pack it carefully & send it by Adams Express to the following address, viz:

HON. GEO. S. BOUTWELL,
Secretary of the Treasury,
Washington, D. C.

Place inside a memorandum as follows; Paper forwarded by the Hudson Paper Co. to Jos. R. Carpenter, to be used for stamp printing."

This is the only reference made to the so-called "silk paper" in any way, but it is probable that the Hudson Co. had been experimenting with it for some time, and it may have been used from early in 1870.

Paper was also used from at least one other manufacturer, a Mr. Harding, and it is, of course, possible that others as well as the Hudson Co. were experimenting with the use of silk fibre in their paper.

The following explains itself, and will, doubtless, be of interest to our readers; it is from Mr. Carpenter to W. P. Shearman, Chief of Stamp Div. Int. Rev. Bureau, and is dated Feb. 27, 1871:

"The following statements are in reply to your note of the 24th inst.

List of sizes, weights, colors, etc., of the paper now used in the Manufacture of general, proprietary, and private die stamps, viz:

	<i>Description.</i>	<i>Color.</i>	<i>Size.</i>	<i>Wt. per ream.</i>
No. 1.	Regular stamp paper.	White.	12½ x 16 in.	12.6 lbs.
No. 2.	Special (2c. F. Brown, and 1c. Truesdell & Co.) Cotton and linen rag paper.	White.	12½ x 16 in.	7 lbs.
No. 3.	Special (1-3 quantity, 1c. U. S. Prop. Med. Co.) Cotton and linen rag paper.	Bright yellow.	12½ x 16 in.	8 lbs.
No. 4.	Regular (Byam, C. & Co., No. 1), stamped wrapper. Cotton rag tissue paper.	White.	27 x 41 in.	16 lbs.
No. 5.	Regular (B. C. & Co. No. 2), stamped wrapper. Manila tissue paper.	Manila color.	25½ x 41 in.	12 lbs.

There are, for this issue, four distinct and easily recognizable papers, viz., thin, medium, thick and silk. The first is hard, brittle, sometimes almost transparent, and generally of a yellowish or grayish appearance. The second is of various degrees of thickness, always very soft and white, and often quite porous. In this work it will be understood to embrace all varieties not included under either of the other headings.

The third, or thick variety, is often very white, hard, and rather brittle. In fact it is so thick as to be almost a thin bristol-board. The fourth is self-explanatory, it being merely a rather soft, thick paper, closely resembling the second, or medium variety, as described above, into the composition of which



a few scattering silk fibres have been introduced. These fibres are very easily overlooked, as, as a general rule, they are very minute and widely scattered, so that often a stamp will show but a single fibre.

PERFORATION.

It has long been a popular fallacy that the imperforate stamps were the first to be issued, they being followed by the partly perforated ones, and those, in turn, by the perforated varieties.

In referring to this matter Mr. Adenaw says: "Official sources as far as I know, give no sufficient clue as to different values and the exact dates they were thus issued. I have closely examined a large number of unperforated, part perforated, and perforated stamps, and the earliest date on unperforated documents I found, was May, 1862, on part perforated documents it was Sept. 1862, on perforated documents it was Nov. 1862.

This shows conclusively that the three kinds were used during the same year." *

Mr. J. W. Scott says: "The first stamps were issued unperforated, then follow the part perf." † He, also, notes early cancellations and, in commenting upon the statement showing the number and value of revenue stamps sold during the week ending Nov. 21, 1862, says: "For instance, it is only reasonable to suppose that these were all unperforated and yet the 1c. and 4c. Proprietary, 10c. Contract and 50c. Entry of Goods are unknown in this condition, and yet the 1c. Proprietary was issued in second largest quantity." ‡

Let us first eliminate the subject of *date cancellations*, which, so far as revenue stamps are concerned at least, we have found to be absolutely valueless in settling any mooted questions.

To begin with, *the first lot of stamps of any value or title delivered to the Government by the contractors was on Sept. 27, 1862, and consisted of 1c. and 2c. Proprietary stamps.* Consequently the early cancellations, such as May, 1862, etc., were either dated erroneously or *purposely* dated back. We have seen specimens dated 1861, and recall one case in particular where the stamps, still on the original document and paying quite a large tax, were dated 1857. When one stops to think of it the reason for this is plain enough, and we will use the 1857 document as an example: The document was a deed and, though *dated and executed in 1857*, it was not RECORDED

*Cf. A Complete Catalogue of the Revenue Stamps of the United States, including all Private and State Issues, and giving All Minor Varieties, together with The actual market value of every stamp, By Julius Adenaw. The Scott Stamp & Coin Co., Lt'd. 18 East 23d Street, New York, p. 49.

†Cf. The Metropolitan Philatelist, Vol. VII, p. 51.

‡Ibid. p. 33.



until *early in the sixties*. Had it been recorded when executed no tax would have been payable upon it, but, when it *was* finally presented for record it was subject to the tax and the person who affixed the stamps evidently believed that they should bear the same date as the instrument itself.

The true facts are that **THE PERFORATED STAMPS WERE THE FIRST ISSUED** and, in support of this statement, we quote the following official letter from Butler & Carpenter to C. F. Estee, Acting Commissioner of Internal Revenue. It is dated Nov. 7, 1862:

"Your telegraphic communication: 'Fill all orders for stamps with utmost despatch without perforating,' is duly received and we will act at once thereon. Within two or three weeks we expect to have an adequate number of perforators in working order, and we will, in the meantime, perforate as many as possible, while we also obey your directions as above indicated—The delay is in the requisite changes of the Machinery."

From the above it may easily be seen that, prior to Nov. 7, 1862, there was no authority for the issuance of either imperforate or partly perforated stamps and, if any were so issued, which we do not believe to have been the case, it was certainly unintentional.

A great deal of time and research have been devoted to efforts to ascertain just how many stamps of each value and title were issued in either imperforate or partly perforated condition, but it has been found absolutely impossible to do so. There is absolutely no data by which we can determine anything about the **ACTUAL ISSUE** aside from the fact that so many *stamps* were issued. Therefore, it must be understood that our figures *so far as they refer to imperforate and partly perforated varieties*, have to do only with what was **PREPARED** and received into the vault as being ready for issuance.

Unfortunately, too, it has been found equally impossible to ascertain the exact numbers of those stamps which entered the vault in an imperforate or partly perforated state, though, to the best of our knowledge and belief, the figures given are approximately correct; but, in every case, they represent the sum of the imperforate and partly perforated ones, both being regarded as equally unfinished. There are to be sure, a few instances in which the stamps have been noted as "*not perforated*" or "*perforated one way*" and in every such instance the fact that the figures are absolutely correct has been noted.

In this connection a short history of the different processes used in the manufacture of the stamps may prove interesting. First, the Superintendent of the Paper Department issues so many sheets of paper to the Printing Dep't, crediting himself and charging the printer with the number of sheets; the latter then charges himself with the sheets and, having printed them, credits himself and charges them to the Sup't. of the Gumming Dep't, this time and from that on, the charges and credits are under a double heading, *i. e.*, "good impressions" and "spoiled impressions." The Sup't. of Gumming, after having done his portion of the work, passes them on in the same way to the Sup't. of Perforating, who, in his turn, hands them to the Sup't. of the Vault and Packing room. Generally each of the departments spoil a greater or less number of sheets, but they are all, good and bad alike, passed



from department to department until they reach the Sup't. of the Vault and Packing Room. Here they are carefully gone over again; the good impressions are counted and checked and then packed away in the vault ready for delivery. Up to this time all of the records have been kept by sheets but now, after they have reached the packing room, the "spoiled impressions" are gone over and as many as possible are saved; sometimes only a portion of a sheet is spoiled, in which event the balance of the sheet is saved and goes into the vault with the perfect stamps. This, naturally, necessitates this portion of the accounts being kept in *stamps* instead of sheets.

Finally the rejected sheets and odd stamps are charged to the "Spoiled Account" and laid aside to be destroyed.

In this way, the accounts of the different departments are always made to exactly balance and, were it not for two reasons, it would be a comparatively easy course to follow and check.

First, the printer is the *only* one who invariably delivers *all* of the impressions made at a certain time to the next department in one lot. The others *may* do so, but generally only part of them are delivered, the balance later, either alone or as a part of another lot which has been received from the printer.

Second; the perforator receives and delivers almost all of the stamps, *whether he has perforated them or not*, and, except in one or two instances which we have already spoken of, there is absolutely no way of ascertaining whether he *did* perforate them.

This fact is well illustrated by the following letter, which is the only intimation we have found in the records that the \$200 stamp was ever issued imperforate. The letter is from Mr. Carpenter to Mr. Lamasure, his manager, dated Oct. 25, 1870, and is as follows:

"The stamp is undoubtedly genuine. We issued these stamps at first without perforation if I remember aright. * * *

For these reasons we have been forced to depend mainly on minor indications, mostly found in the records of the Sup't. of the Vault and Packing Room and in the few instances where the vault has received stamps of which the perforator has no record, for our information as to imperforate and partly perforated varieties.

In the "Spoiled Stamp Account" there are several pages of entries of "Stamps returned for perforation;" these we have invariably deducted from the number of stamps which the evidence at hand leads us to believe were imperforate or partly perforated.

Here, too, we find some entries of stamps so returned, which, so far as the records go, is our only evidence that they were ever issued in other than perforated condition.

There is very little doubt that, after a sufficient stock of perforated stamps had been accumulated, many of the imperforate and partly perforated ones in the vault were either perforated or destroyed.

It is, also, not at all unlikely that some sheets may have been issued imperforate or partly perforated by mistake at any time.



For the reasons stated above we have been obliged to omit from the catalogue all imperforate and partly perforated stamps whose existence in *pairs* has not been absolutely verified by us.

COLOR.

The following letter, proving as it does, that black was the original color selected for the one cent stamps and yellow for the two cent ones, will undoubtedly be a surprise to most of our readers. It is dated Nov. 26, 1862, and is addressed to Hon. Geo. S. Boutwell, at that time Commissioner of Internal Revenue by Butler & Carpenter :

" * * * We are much surprised to be asked 'by what authority the change has been made from the manner originally decided upon, viz : One cent black ; two cent *yellow*, five cent red ?' We have been under the firm conviction until this moment, that the alteration had your own express sanction and approval ; and in support of this opinion we beg leave respectfully to call your attention to the fact that, at the time of and prior to the printing of the One cent stamp we represented that, while *black* was the best color to show the value of the engraving, it was open to the very serious objection of being readily photographed, and, hence, there would be at least an easy opportunity of fraud. We also stated that the cancellation could not be as conveniently and distinctly effected as over red or other lighter color. We deemed it our duty to make these representations personally to you. As our interests are affected we prefer to print in black : it is more economical and shows the work to advantage.

Again, with regard to the change of the *yellow* 2 ct. stamp to a *blue*, we desire to call to your memory that, during a visit of our Mr. Butler to your Department just after the first issue of our two cent Stamps (Bank Check) the Hon. Secretary and yourself mentioned to him that they had been severely criticized in New York and elsewhere. He stated that *yellow* would not print to advantage : the impression must always be poor and indistinct, and the stamp would never have a true printed value. You suggested afterwards an alteration of the color, and summoned Mr. Clarke to be present. Mr. Butler recommended a *blue* which was approved by yourself and Mr. Clarke. Accordingly, on his return, instructions were given to change the *yellow* to a *blue*, which has been strictly printed since. We have on hand *Two Cent Certificate* stamps printed in yellow originally and afterwards in blue, you can, therefore, believe that we are somewhat astonished to be asked why we have made alterations which we believed to be in entire accordance with your wishes and commands, and which, if not carried out, would subject us to just censure from your Department."

The date upon which orders were given to change the color of the two cent stamps from a yellow to a blue was, to the best of our belief, Oct. 10, 1862. From that time until August 1864, *all* two cent stamps were printed in blue.



Early in August 1864, however, orders were given to change the color of the two cent Bank Check to *orange* and to print the new two cent U. S. I. R. in the same color, though none were to be issued until the blue stamps were entirely exhausted. The color of the two cent Proprietary was not affected by this order and it continued to be printed in blue to the end.

The following table of dates of issue of the two cent stamps was submitted to the Commissioner by Butler and Carpenter under date of July 7, 1868:

2c. Bank Checks, yellow,	issued from	Sept. 29, '62,	to	Sept. 30, '67.
2c. U. S. Inter. Rev.	"	"	Oct. 12, '64,	" present time.
2c. Bank Checks, blue,	"	"	Dec. 1, '62,	" Aug. 31, '64.
2c. Express, yellow and blue,	"	"	Nov. 20, '62,	" " "
2c. Certificate	"	"	Sept. 21, '62,	" April 30, '64.

The colors in which some of the stamps of this issue were intended to have been printed may be seen by the following quotation from letters to the Commissioner written by Butler & Carpenter. It is, however, an open question as to whether the colors, *as designated*, correspond with those in which the stamps were actually issued.

"M'ch. 18, 1863. We will print the \$1.30, \$1.60 and \$1.90 new Foreign Exchange Stamps in *Salmon, light green, and purple.*"

"April 1, 1863. * * * We will print the Inland Exchange Stamps (\$2.50 and \$3.50) in *purple and blue*, and the \$25 Mortgage in a rich vermilion * * *"

The following correspondence is not without interest in this connection:

"June 8th, 1867.

Butler & Carpenter:—

I send herewith an anonymous letter just received from New York in relation to the colors to be employed in printing stamps. The suggestion seems to be valuable. I shall be glad to hear from you upon the subject.

(Signed) E. A. Rollins, Comm'r."

The letter in question follows:

"New York, 31st May, 1867.

To the Hon. E. A. Rollins,
Commissioner of Internal Revenue,
Washington.

Sir:

The Government loses thousands of dollars daily by stamps being used the second time. The ordinary blue stamps are hardly soiled by a cancelling stamp unless it is very heavy. The only revenue stamp that can be cancelled by the slightest mark, is of the color used on the 60c. and 2c. stamps.

I would advise that *all* stamps be made of that pale yellow color. They can be varied in shape and design, but let the *color* be uniform. By such a step the United States will save a large sum yearly.

Respectfully,
Wall Street."

We have been unable to find any trace of Butler & Carpenter's reply to the Commissioner's letter, but that the suggestion was not adopted is a self-evident fact.



Among other important facts which have been elucidated by these old records of Butler & Carpenter's, not the least interesting is that the many shades of pale blue and ultramarine in which several of the stamps occur is not the result of accident, or carelessness in mixing the inks, as has been generally supposed, but that it was intentional and done with a definite object.

This is most plainly indicated by the following correspondence :

Jos. R. Carpenter to J. W. Douglas, Acting Comm'r. Int. Rev. Sept. 27, 1869. " We would state in reply to the communication of the Special Agent of the Treasury Dep't. referred to us by your letter of the 23rd inst., that we changed the shade of color formerly used upon the several denominations of revenue stamps printed in blue, to overcome the objection that its darkness rendered the cancellation indistinct, and in doing so we embraced the same opportunity to change the quality of the ink to that now used which, although much lighter, is superior to any other from the fact that it cannot be washed without defacing the stamp. In view of the advantage thus secured to the Gov't. we pay \$5 per pound for the new ink, whereas the old cost us but 90 cents. We have been making arrangements, which anticipate the views of the Agent, to deepen the shade, and, as our plates are now being re-entered, the desired distinctness will be imparted to new lots of stamps, and we can promise that their uniform appearance will be maintained to the best practicable standard."

Jos. R. Carpenter, to C. Delano, Comm'r. Oct. 30, 1869.

" * * * Some months ago we commenced the use of inks of a more fugitive nature than those formerly used, desiring to aid the Bureau in the attempts to arrest the re-washing of stamps. I desired private stamps also to be thus printed: but several parties objected to the slight difference in tint (a lighter blue being used than was originally the case) and upon consideration, as private proprietary stamps are generally cancelled by affixation, the former inks were readopted: so that for some time past proprietary stamps (private) have been printed as they were originally.

I am aware the new colors did not produce as full and clear an impression; but, as they could not be readily washed, I directed their use.

In the blue Government stamps I have retained the new colors, but if you direct a return to the more indelible tint, I will of course follow your instructions. * * *

From further correspondence, dated between Nov. 29 and Dec. 3, of the same year, it appears that at least two sheets of the *one cent Proprietary* and one sheet of the *twenty-five cent* (title unknown) were printed in blue; one sheet of the former being in indelible and the other, together with the twenty-five cent sheet, in fugitive ink; the latter ink being noted parenthetically as "light blue."

Further proof of the truth of the above is furnished by the stamps themselves. For example: the two cent Proprietary was the only two cent stamp printed in blue after 1864. It is, also, the only one found to vary in color to any extent; the others being remarkably even in shade, varying only from a dull to a deep blue. A two cent Bank Check has been catalogued in ultramarine it is true, but it is equally true that it is impossible to find one, or even anyone who ever saw it.

And now as to colors in general: It is a well known and universally admitted fact that there is no portion of a catalogue which gives so much



trouble to the compilers as the naming of the various colors in which the stamps are printed. This is due to several causes, prominent among which is the fact that different persons, even though not color-blind, do not always "see with the same eyes," so to speak; again, many of these colors, or tints, are the result of various odd combinations for which no thoroughly descriptive name is known; still again, it is very seldom that an ink, even though mixed very carefully, is ever of exactly the same tint as that of which it is intended to be an exact duplicate.

In this respect, therefore, we can merely say that we have done our best and that we wish to impress upon our readers the fact that *every color has many shades*, which, in many cases, merge into each other without one's being able to say exactly where one begins and the other ends.

The following letter from Butler & Carpenter to the Department, under date of Nov. 18, 1865, will undoubtedly prove of interest:

"Your favor inclosing twenty-five cents Insurance (Life) stamp was duly received. The stamp is genuine and came from our establishment. It is now quite a year since any of these 'Life Insurance' stamps have been issued. The difference in color occurred in the following manner:

Three years ago, when we commenced the stamp business, we had but one mill for grinding colors. In the hurry of business at that time confusion sometimes occurred in regard to colors; in neglecting to *clean* the mill before changing the color. In this instance the mill had been used to grind black ink, and the *red* was put in without cleaning, and the first that came out was, of course, dark, and nearly the same tint as that used for the 'forty cent' stamp, one of which we enclose from our spoiled stock. A few sheets were printed with this ink and were, owing to the great demand at that time, delivered. To prevent confusion of color we have found it necessary to have several mills for grinding our colors."



RULINGS OF THE COMMISSIONER.

The following extracts from the official correspondence between the contractors and the Bureau of Internal Revenue will, without doubt, prove of interest:

July 12, 1864. * * * The Commissioner has thought proper, upon a reconsideration of the subject, in some respects to modify the instructions heretofore given upon the use of stamps, although there is no prohibition in the excise law, of the use of general stamps for articles enumerated in Schedule C, it has been deemed expedient that the two schedules should be kept entirely separate, while the various stamps for articles in Schedule B may be used indiscriminately, and Proprietary and Playing Card stamps may also be used interchangeably, as well as for those articles under Schedule C for which no special stamp has been provided, as Perfumery, Cosmetics, Matches and Photographs. The instruction heretofore given you, that *general* stamps might be used for Playing Cards, Matches, etc., is therefore rescinded; and in future orders for one cent cards will be filled with Proprietary stamps. Whenever the four cent Proprietary stamps are exhausted, Playing Card stamps may be used in their stead.

Very respectfully,
(Signed) E. A. ROLLINS,
Deputy Commr."

The following letter possesses more than the usual amount of interest, as it clearly establishes the fact that, after that date, no more Playing Card stamps were to be printed, though it provides that the stock then on hand shall be used up.

These balances, as reported Aug. 2, 1864, were:

2c.,	.	.	.	.	9,079,705
3c.,	.	.	.	.	152,746
4c.,	.	.	.	.	266,482
5c.,	.	.	.	.	286,700

The letter follows:

July 19, 1864. " * * * Playing Card and Proprietary stamps are now regarded as identical, and are to be used indiscriminately. When your present stock of Playing Card stamps is exhausted, it is deemed best to dispense with that kind of stamps, and have but one kind of Proprietary stamps for use on all the articles named in Schedule C. Orders will be given in due season for adequate amounts of the three and four cent stamps for Schedule C.
E. A. ROLLINS."

We have been unable to find any reply to the following inquiry, but its naiveté certainly entitles it to reproduction:

July 30, 1864. J. J. Lewis, " * * * May we enquire how photogra-



phers can affix a private stamp on a 'carte de visite' or other form of picture so that it may be destroyed on opening?

On the other hand, it is not to be cancelled as the general stamp. We apprehend there is no provision to meet this dilemma. In the absence thereof can photographers have private stamps?"

(Signed) BUTLER & CARPENTER.

The following, although dated nearly a year subsequently, might readily be mistaken for a reply to the above query:

June 19, 1865. " * * * I have to say that for a time in cases where photographers were unable to make use of stamps without material damage to their pictures, they were allowed to omit the use of the same and return to the assessor at the close of each month an amount of cancelled stamps sufficient to cover the duty.

The Commissioner does not, however, feel authorized to extend this privilege, and hereafter all pictures not otherwise provided for in sec. 94 must be stamped.

(Signed) E. A. ROLLINS."

March 26, 1867. " In reply to your letter of the 23d inst. I have to say that the 'canned goods' liable to stamp duty under the Act of July 13, 1866, were: 'Meats, fish, shell-fish, fruits, vegetables, sauces, sirups, prepared mustard, jams or jellies, and pickles in glass packages.'

The Act of March 2, 1867, exempts 'Canned and preserved meats, shell-fish, fruits and vegetables.' This is held to cover pickles in glass packages, but not the other articles, viz., 'fish, sauces, sirups, prepared mustard, and jams or jellies.'

(Signed) T. HARLAND, D. C."



GENERAL NOTES.

It will probably be a surprise to our readers, as it was to us, to learn that the portrait of Washington used on these stamps was not the one originally intended to be used. The following letter, however, proves that such was the fact:

Aug. 29, 1862. HON. G. S. BOUTWELL. " * * * We have pushed forward the Proprietary stamps with every possible despatch. Our Mr. Carpenter, on his return from his recent visit to Washington, found the 1 and 2 cent Proprietary Stamps ready, with the exception of the wording, to be proved and forwarded to you for approval; but these designs were gotten up with the *profile view of Washington*, and you ordered Mr. C. to use the *Stuart head*, changing your former instructions.

We stopped the engravers at once, and have been pushing forward the other designs with all haste. We hope to furnish you with a proof of this new design by Monday next. (Signed) BUTLER & CARPENTER."

According to a letter from Butler & Carpenter to Hon. George S. Boutwell, under date of Oct. 4, 1862, it was originally intended that there should be two Contract stamps, a 5c. and a 10c. value. We quote from the said letter as follows:

" * * * We had previously noted the similarity of designation in the 5 and 10c. 'Contract' stamps, and, to avoid confusion, we have styled the former 'Agreement' and the latter 'Contract.' * * *"

The same letter also refers to the fifty cent Original Process as follows:

" * * * The 50c. 'Original Process' (this being the proper name of the stamp styled 'Legal Doc.' in the printed stamp law) will be ready for hardening on Monday. * * *"

Even in the earliest days of revenue stamp printing the gum was, and continued to be until the end, a subject of much thought, trouble and annoyance. The records teem with complaints; some because the stamps all stuck together; others because they would not stick to anything; and still others because it struck through the paper and spoiled the appearance of the stamps.

The following quotation from a letter written to C. F. Estee, Acting Commissioner, by the contractors, well illustrates the difficulties under which they labored, and it was also effective in procuring them some little respite from the ceaseless complaints. It is dated Nov. 13, 1862, and is as follows:

"You can, respected sir, feel yourself the difficulty of procuring a gum which *must not stick until necessary*, but *when necessary stick with resistless force.*"



During the month of October, 1869, orders were received from Washington to stop printing nineteen of the values current at that time, and, after exhausting the balances on hand, they would be withdrawn from use. The following table shows the denominations of these dropped stamps and the balances on hand at that time:

"BALANCES OF DROPPED STAMPS, OCT. 30, 1869, VIZ :

3c. General,	37,308	\$1.30 General,	48,545
4c. "	28,052	1.50 "	49,666
6c. "	14,699	1.60 "	76,067
15c. "	2,096,003	1.90 "	51,809
20c. "	1,081,457	2.50 "	13,054
30c. "	443,151	3.50 "	106,636
40c. "	901,946	15.00 "	383
60c. "	47,765	25.00 "	1,483
70c. "	14,039	200.00 "	131
		10c. Proprietary,	627,295"

The \$2.50 stamp was exhausted on Nov. 26, 1869, the last ones, one hundred and fourteen in number, being used to fill part of a requisition for 251 of them, the balance of the requisition being filled with the 50c. and \$2.00 values.

On Dec. 4th orders were issued to resume the printing and issue of the \$2.50 stamp.

The 70c. was exhausted Dec. 16, and, on Jan. 7, 1870, this value, together with the 20c., was ordered to be resumed. Finally, on Feb. 19, 1870, orders were issued from Washington to resume the issue of all values excepting the \$1.60, \$15.00, and the 10c. Proprietary. Of these last three the \$15.00 and 10c. Prop. were never resumed, though the \$1.60 continued to be issued until the end, without exhausting the balance.

The following is a complete list of the plates in use on Oct. 18, 1870 :

"LIST AND DESCRIPTION OF DRY IMPRESSIONS OF GENERAL AND PROPRIETARY STAMP PLATES" IN USE OCT. 18, 1870.

		Stamps.
1c. General,	Express,	210
2c. " "	. . . . .	210
3c. " "	Foreign Exchange,	170
4c. " "	Inland Exchange,	170
5c. " "	Agreement,	170
6c. " "	Inland Exchange,	170
10c. " "	Contract,	170
15c. " "	Inland Exchange,	170
20c. " "	Foreign Exchange,	170
25c. " "	Certificate,	102
30c. " "	Foreign Exchange,	102
40c. " "	Inland "	102
50c. " "	Conveyance,	85
60c. " "	Inland Exchange,	85
70c. " "	Foreign "	85
\$1.00 " "	Entry of Goods,	90
1.30 " "	Foreign Exchange,	90
1.50 " "	Inland "	90



		Stamps.
1.60*	General, Foreign Exchange,	90
1.90	" " "	90
2.00	" Conveyance,	72
2.50	" Inland Exchange,	72
3.00	" Manifest,	72
3.50	" Inland Exchange,	72
5.00	" Conveyance,	72
10.00	" " "	72
20.00	" " "	54
25.00	" Mortgage,	54
50.00	" General,	54
200.00	" " "	16
1c.	Proprietary,	210
2c.	"	210
3c.	"	170
4c.	"	170
5c.	"	170

The following table shows the exact date of the first delivery of each stamp to the Government by the Contractors :

1c. Express,	Oct. 16, 1862.
1c. Playing cards,	Oct. 21, 1862.
1c. Proprietary,	Sept. 27, 1862.
1c. Telegraph,	Oct. 16, 1862.
2c. Bank Check,	Sept. 29, 1862.
2c. Certificate,	Oct. 21, 1862.
2c. Express,	Nov. 20, 1862.
2c. Playing Cards,	Oct. 21, 1862.
2c. Proprietary,	Sept. 27, 1862.
2c. U. S. I. R.	Oct. 12, 1864.
3c. Foreign Exchange,	Nov. 15, 1862.
3c. Playing Cards,	Jan. 9, 1863.
3c. Proprietary,	Oct. 4, 1862.
3c. Telegraph,	Nov. 21, 1862.
4c. Inland Exchange,	May 12, 1863.
4c. Playing Cards,	April 11, 1863.
4c. Proprietary,	Oct. 4, 1862.
5c. Agreement,	Nov. 15, 1862.
5c. Certificate,	Dec. 3, 1862.
5c. Express,	Nov. 20, 1862.
5c. Foreign Exchange,	Nov. 15, 1862.
5c. Inland Exchange,	Oct. 23, 1862.
5c. Playing Cards,	April 1, 1863.
5c. Proprietary,	Aug. 25, 1864.
6c. Inland Exchange,	May 12, 1863.
6c. Proprietary,	April 13, 1871.
10c. Bill of Lading,	Nov. 26, 1862.
10c. Certificate,	Oct. 24, 1862.
10c. Contract,	Oct. 24, 1862.
10c. Foreign Exchange,	Nov. 15, 1862.
10c. Inland Exchange,	Nov. 15, 1862.
10c. Power of Attorney,	Dec. 2, 1862.

*This value must have been included by error, as there were no printings from it after Oct. 30, 1860.



10c.	Proprietary,	Aug. 6, 1864.
15c.	Foreign Exchange,	Jan. 5, 1863.
15c.	Inland Exchange,	Dec. 2, 1862.
20c.	Foreign Exchange,	Nov. 22, 1862.
20c.	Inland Exchange,	Dec. 2, 1862.
25c.	Bond,	Nov. 26, 1862.
25c.	Certificate,	Nov. 22, 1862.
25c.	Entry of Goods,	Nov. 26, 1862.
25c.	Insurance,	Oct. 21, 1862.
25c.	Life Insurance,	Dec. 1, 1862.
25c.	Power of Attorney,	Nov. 15, 1862.
25c.	Protest,	Nov. 15, 1862.
25c.	Warehouse Receipt,	Nov. 22, 1862.
30c.	Foreign Exchange,	Nov. 17, 1862.
30c.	Inland Exchange,	Oct. 21, 1862.
40c.	Inland Exchange,	Dec. 4, 1862.
50c.	Conveyance,	Nov. 17, 1862.
50c.	Entry of Goods,	Dec. 6, 1862.
50c.	Foreign Exchange,	Dec. 6, 1862.
50c.	Lease,	Nov. 22, 1862.
50c.	Life Insurance,	Dec. 1, 1862.
50c.	Mortgage,	Nov. 22, 1862.
50c.	Original Process,	Nov. 15, 1862.
50c.	Passage Ticket,	Nov. 26, 1862.
50c.	Probate of Will,	Nov. 24, 1862.
50c.	Surety Bond,	Dec. 1, 1862.
60c.	Inland Exchange,	Dec. 3, 1862.
70c.	Foreign Exchange,	Dec. 6, 1862.
§1.00.	Conveyance,	Dec. 1, 1862.
1.00.	Entry of Goods,	Dec. 4, 1862.
1.00.	Foreign Exchange,	Dec. 6, 1862.
1.00.	Inland Exchange,	Dec. 2, 1862.
1.00.	Lease,	Dec. 8, 1862.
1.00.	Life Insurance,	Dec. 1, 1862.
1.00.	Manifest,	Nov. 26, 1862.
1.00.	Mortgage,	Dec. 4, 1862.
1.00.	Passage Ticket,	Dec. 11, 1862.
1.00.	Power of Attorney,	Dec. 4, 1862.
1.00.	Probate of Will,	Dec. 2, 1862.
1.30.	Foreign Exchange,	April 17, 1863.
1.50.	Inland Exchange,	Nov. 26, 1862.
1.60.	Foreign Exchange,	April 17, 1863.
1.90.	Foreign Exchange,	April 17, 1863.
2.00.	Conveyance,	Dec. 18, 1862.
2.00.	Mortgage,	Dec. 18, 1862.
2.00.	Probate of Will,	Jan. 28, 1863.
2.50.	Inland Exchange,	April 17, 1863.
3.00.	Charter Party,	Dec. 9, 1862.
3.00.	Manifest,	Dec. 18, 1862.
3.50.	Inland Exchange,	April 17, 1863.
5.00.	Charter Party,	Dec. 9, 1862.
5.00.	Conveyance,	Dec. 4, 1862.
5.00.	Manifest,	Dec. 11, 1862.
5.00.	Mortgage,	Dec. 11, 1862.
5.00.	Probate of Will,	Dec. 11, 1862.
10.00.	Charter Party,	Dec. 15, 1862.
10.00.	Conveyance,	Dec. 11, 1862.



10.00.	Mortgage,	Dec. 12, 1862.
10.00.	Probate of Will,	Dec. 18, 1862.
15.00.	Mortgage,	Dec. 18, 1862.
20.00.	Conveyance,	Dec. 18, 1862.
20.00.	Probate of Will,	Dec. 19, 1862.
25.00.	Mortgage,	April 16, 1863.
50.00.	U. S. I. R.	May 15, 1863.
200.00.	U. S. I. R.	July 7, 1864.

We will now consider the plates from which the stamps were printed. They were, of course, of steel, and measured $12\frac{1}{4}$ by 16 inches. It is possible that some of the very earliest plates of the 1c. and 2c. values, those containing but 180 and 195 stamps to the sheet, varied slightly from the above size, but, if so, the records fail to show any evidence of it.

The stamps were so arranged on these plates that there was an uniform space of 3-32 of an inch between both the vertical and horizontal rows. In other words a margin of 3-64 of an inch was allowed for perforation on each of the four sides of the stamp.

The plate numbers are found only at the bottom of the sheet below the imprint.

Prior to April 30, 1864, and in all cases where the same plates were used subsequently as well as prior to that date, each title was given a distinctive control, or index, letter, this letter immediately follows the number itself, and the number is invariably the same as the face value of the stamp.

The control letters are as follows :—

- A; Proprietary.
- B; Bank Check.
- C; Certificate.
- D; Charter Party.
- E; Express.
- F; Inland Exchange.
- G; Insurance.
- G²; Life Insurance.
- H; Agreement.
- I; Foreign Exchange.
- J; Protest.
- K; Bill of Lading.
- L; Bond.
- M; Conveyance.
- N; Entry of Goods.
- O; Playing Cards.
- P; Contract.
- R; Lease.
- S; Manifest.
- T; Mortgage.
- U; Passage Ticket.
- V; Power of Attorney.
- W; Probate of Will.
- X; Telegraph.
- Y; Warehouse Receipt.

A few of the earliest plates are exceptions to the above rule, and were



probably assigned control letters before the system had been thoroughly worked out. They are:

1c. Express,	No. 1 D.
1c. Playing Cards,	" 1 B.
1c. Telegraph,	" 1 C.
2c. Playing Cards,	" 2 D.
3c. Telegraph,	" 3 C.
10c. Certificate,	" 10 A.
10c. Contract,	" 10 B.

Subsequent to April 30, 1864, after which date all titles or specific designations were abolished and, with the exception of the Proprietary stamps, all were lumped under the heading of "General Stamps," this system seems to have been allowed to fall into disuse, and, in the new plates transferred after that date, no regular system seems to have been followed regarding these control letters.

This is well illustrated in the 5c. Proprietary, which was first printed August 18th, 1864. The only plate number which we have found of this stamp is 5 O, which is the Playing Card letter.

The 5c. Agreement is also known with plate number 5 C and the 5c. Inland Exchange with no letter whatever, simply "5."

The one cent Proprietary plate is also found with a second number which is immediately to the right of the control letter, and, as ten plates are known to have been used for this value, it is probable that this number refers to the number of the plate in the series. The only one known so far reads: "Plate No. 1 A 6," though it is likely that others may be found.

Curiously enough the four cent Proprietary is the only other plate known to bear this extra number and, in this instance, the order is reversed and this number is at the extreme left, the only example known reading: "1 Plate No. 4 A."

The words: "Plate No." are in double lined Roman letters, upper and lower case, and measure 15 1-2 x 2 1-2 x 1 3-4 mm. The number itself, together with the control letter, is in heavy Roman type 3 mm. high. In the case of the four cent Proprietary, referred to above, the first numeral is of the same open type as the words "Plate No."

The number of stamps to a sheet is as follows:

Class 1, (1c. and 2c. values)	210	21 by 10 rows.
" 2 and 3, (3c, 4c, 5c, 6c, 10c, 15c, 20c.)	170	17 " 10 "
" 4 (25c, 30c, and 40c.)	102	17 " 6 "
" 5 (50c, 60c, and 70c.)	85	17 " 5 "
" 6 and 7 (\$1.00, 1.30, 1.50; 1.60 and 1.90)	90	15 " 6 " (\$5 to \$10)
" 8-11, (\$2.00 to \$10.00 inc.)	72	12 " 6 " (\$2 to \$3)
" 12 and 13 (\$15 to 50.00 inc.)	54	9 " 6 "
(\$200.00)	8	4 " 2 "

The only exceptions to the above are some of the very early one and two cent values; they are as follows:

1c. Proprietary, 180, probably 18 by 10 rows
2c. Bank Check, 195, " 15 by 18 "
2c. Proprietary, 180 and 195



It is evident from the following correspondence that two values were contemplated which, for some unknown reason, were not issued until some years later, not until the second issue in fact.

The first letter, dated Sept. 8, 1864, is from Commissioner J. J. Lewis to Butler & Carpenter and is as follows :

“ * * * A desire has been expressed for some larger denomination of Proprietary stamp, to be used on photographs. I wish, therefore, to have a plate prepared for fifty cent Proprietary stamps, and would enquire whether one of the plates for general fifty cent stamps could not be so changed as to answer the purpose? If not, it will be necessary that a new plate should be engraved, but will be pleased first to hear from you.”

Next, under date of Sept. 22, 1864, is the following from E. A. Rollins, Commissioner, to Butler and Carpenter :

“ * * * You need not do anything about the preparation of a plate for a 50c. Proprietary stamp at present.”

This is succeeded by the following, dated Sept. 27th, and addressed to J. J. Lewis, by Butler & Carpenter :

“ Your favor of the 22nd, inst. relinquishes your intention to have a fifty cent Proprietary lest delay should occur when you needed it, *we have engraved this plate*; and it will be ready to print in a few days. Shall we print? and, if so how many sheets.”

The above letters are all the light that we have upon this subject. No where else have we been able to find the slightest trace or mention of it, and the same may also be said of the following case.

The letters are all from Mr. Joseph R. Carpenter to his manager Mr. Edwin Lamasure, and the first one is dated: Washington, D. C. Nov. 9, 1869. It is as follows: “ Please say to Mr. Earle, that his \$500 model is very much admired.”

The second dated May 25, 1870, says: “ * * * As soon as the \$500 plates are finished Mr. Earle will please have a careful impression—proof—taken and sent to me to be submitted to ‘ the powers that be.’ ”

The third, and last, is dated May 27, 1870, and follows :

“ * * * I trust Mr. Earle will have a nice proof of the \$500 plate for me to take down (to Washington) with me, I am much pleased with the stamp.”

The above letters do not refer to the \$500 value of the second issue.

A “ List of stamps sold during the week ending Nov. 21, 1862 ” has been published in the *Metropolitan Philatelist* * and several other journals during the past few years.

The natural inference would be that a stamp was not sold until it was delivered by the Government, so this list has been taken to mean that the stamps upon it were *delivered* during the time stated.

Unfortunately this is not the case at all, as several of the stamps there

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listed were not delivered to the Government until December 1st, or later. The list as published, must, therefore, be taken simply as a *list of the orders for stamps taken by the Department during the week ending November 21, 1862*, some of which were undoubtedly delivered at the time and others when they were received from the printers.

We append the list in question, together with the total number of stamps of each denomination and title, as mentioned therein, which were *delivered by the printers prior to December 1, 1862*.

"List of Stamps Sold during the Week ending Nov. 21, 1862."		Stamps Delivered to Dept. to Nov. 30, 1862.
1c. Proprietary,	3,189,500	2,004,736
1c. Express,	1,680,000	1,776,433
1c. Playing Card,	661,500	169,330
2c. Playing Card,	798,000	12,500
2c. Bank Check,	3,402,000	17,106,613
2c. Proprietary,	2,751,000	432,881
3c. Telegraph,	578,000	236,540
4c. Proprietary,	539,750	236,050
5c. Express,	221,000	327,800
10c. Contract,	51,000	50,210
10c. Power of Attorney,	518,500	none
10c. Bill of Lading,	510,000	22,000
15c. Inland Exchange,	229,500	none
20c. Inland Exchange,	234,600	none
25c. Life Insurance,	102,000	none
25c. Bond,	320,950	10,914
25c. Insurance	321,300	258,345
25c. Certificate,	469,200	53,722
50c. Life Insurance,	55,250	none
50c. Mortgage,	267,750	7,278
50c. Original Process,	34,000	34,573
50c. Probate of Will,	255,000	2,710
50c. Conveyance,	144,500	22,711
50c. Entry of Goods,	131,750	none
50c. Passage Ticket,	180,625	2,400
50c. Bond,	144,500	none
1.00. Conveyance,	207,000	none
1.00. Power of Attorney,	279,000	none
1.50. Inland Exchange,	324,000	7,200
Herrick's	1,870	110,000
18,561,045		

The following extract from a letter to Butler & Carpenter by the Commissioner, dated Oct. 3d, 1867, speaks for itself :

"Submit new stamp models each one to have for its vignette the coat of arms of a state of the Union. The number of stamps to the sheet to be the same as in the respective values of the present issue."

Whether these models were submitted we are unable to state. But we have seen photographs of stamps, or stamp models, which carry out this idea, inasmuch as the vignettes are the Arms of different States of the Union. Those that we have seen are as follows :



REVENUE STAMPS OF THE UNITED STATES.

1c.	Arms of the State of New York.
2c.	" " " " " North Carolina.
3c.	" " " " " Georgia.
3c.	" " " " " New Jersey.
25c.	" " " " " South Carolina.
50c.	" " " " " Pennsylvania.
\$1.00.	" " " " " Virginia.
3.50.	" " " " " Rhode Island.
5.00.	" " " " " Delaware.

The last six of these designs are, practically, of the design of the stamps of the same value of the second issue excepting that the Arms are substituted for the head of Washington. The first three values are of entirely different designs to anything ever adopted, there being two separate designs for the 3c.

Following is a statement of the exact number of stamps of each value of the first issue delivered, as well as their face value.

	Stamps issued. 1862-1871.	Value of Stamps issued 1862-1871.
1c.	458,110,194	\$ 4,581,101 94
2c.	656,480,735	13,129,615 70
3c.	7,140,722	214,221 66
4c.	71,444,495	2,857,779 80
5c.	128,164,120	6,408,206 00
6c.	2,129,084	127,745 04
10c.	44,874,085	4,487,408 50
15c.	4,074,284	611,142 60
20c.	5,820,971	1,164,194 20
25c.	37,315,203	9,328,800 75
30c.	2,795,259	838,577 70
40c.	1,911,479	764,591 60
50c.	27,468,672	13,734,336 00
60c.	1,154,574	692,744 40
70c.	1,297,739	908,416 40
\$1.00	11,750,614	11,750,614 00
1.30	182,787	237,623 10
1.50	1,011,776	1,517,664 00
1.60	64,890	103,824 00
1.90	86,231	164,038 90
2.00	2,730,313	5,460,626 00
2.50	984,567	2,018,367 50
3.00	881,753	2,645,259 00
3.50	180,035	455,122 50
5.00	1,076,950	5,384,750 00
10.00	303,292	3,032,920 00
15.00	18,358	275,370 00
20.00	70,334	1,406,680 00
25.00	20,727	518,175 00
50.00	29,946	1,497,300 00
200.00	6,556	1,311,200 00
Grand Total,	1,479,530,795	\$97,826,776 29

The following entry from Mr. Carpenter's day-book, or journal, shows the number of stamps of the first series on hand at the time of the appearance of the second issue :



“1872.

May 31. Int. Rev. Bureau To Stamps
 For balance of old stamps delivered to Bureau in Nov. 1871.
 acct. now adjusted, viz: 30,135,837 @ 20c. per M, \$6,027 17 ”

Up to April 30, 1864, the law explicitly stated that a stamp could be used only for payment of the tax on the particular instrument, or article, specified on its face. Thus; a Mortgage stamp could not be used on a Lease, and so on, or, if it was so used, both the stamp and the instrument became invalid, so far as the tax was concerned at least.

The reason for this was that it was expected to be productive of great statistical value; however, this hope proved fallacious and, after the date above mentioned, the stamps were allowed to be used indiscriminately and without reference to their title. The result of this was that, thereafter, the accounts were not kept separately; all stamps of the same value being accounted for under the heading of “General:” such as “2c. General; \$1.00 General,” etc. and it became, naturally, an impossible task to ascertain how many of each title were issued. We have, therefore, thought it advisable to give the *exact number of each title* issued up to this time, adding thereto those that we *positively know* to have been subsequently issued, such as balances on hand at that time, etc., and to give the total of the stamps of each value issued between that time and the withdrawal of the first issue under the heading of “1c. General; 2c. General,” etc.

There are, of course, instances where it has been possible to give these figures exactly for the whole period, such for example, as the four, six, forty, sixty and seventy cent values and others where there was but one title for that particular value or where evidence could be found showing that certain titles were discontinued before April 30, 1864.

Therefore, it should be understood that where *no date is given* in connection with the total number of stamps of that value and title issued, said figures are the *exact number* of stamps issued for the whole period but, *when a date is given* in this connection the figures are *exact ONLY UP TO THAT TIME* and it is extremely probable that many more are included under the “General” heading.

Some of the stamps, especially the one dollar values upon the soft papers, vary considerably in size, but, as the same dies were used, there can have been no variation upon the plates. It is, undoubtedly, attributable to the different shrinkage of the various papers used.



COUNTERFEITS.

The Revenue Stamps of the United States have enjoyed more than usual immunity from attempted counterfeiting, the efforts of those inclined to defraud the Government having been mainly directed towards cleaning and reusing those stamps which had already performed their duty and been duly cancelled.

So far as we are aware there have been but three cases of counterfeiting these stamps, that is, among the regular documentary and proprietary (general and private) issues; they are as follows:

The 1c. Proprietary stamp of the first issue.

The \$3.00 Manifest stamp of the first issue; and the 1c. B. & H. D. Howard (blue) match stamp.

The following letter from Mr. Jos. R. Carpenter to his manager, Mr. Lamasure, cannot fail to be of interest in this connection and, therefore, we quote very fully from it; it is dated "Washington, D. C., Nov. 6th, 1869," and runs:

"* * * It is with much regret I enclose to you a counterfeit 1c. Proprietary stamp which you will please show to Mr. Earle and take care of until my return. I have also seen an excellent counterfeit of the \$3.00 Manifest stamp. Lathework and all well done: too well done. The public would be readily deceived by it. You doubtless saw in the papers an account of the arrest of a powerful ring of counterfeiters. The dies, rolls, and plates are secured. They confined themselves not only to stamps but engraved Government bonds and checks."

"The lettering is admirable. In the 60c. Tobacco stamp the counterfeit is almost as good as the original. Lathework imitated by hand admirably. The upshot of this will be that I must prepare new stamps of all the Government dies."

"Please send me at once a proof in the printed color (green) of the \$3.00 Manifest stamp, also one or two of the 1c. Proprietary die in the rose pink and one or two in black. * * *"

"I have been permitted to examine counterfeit plates and impressions which are enough to make me sick to see how successfully they have been done."

With the exception of the above letter we are in utter darkness as to the counterfeit of the \$3.00 Manifest. All of our efforts to learn anything more of the stamp or its history have been in vain, and beyond being able to chronicle the fact of its existence, we know nothing of it. It seems to have disappeared completely.

In the case of the 1c. Proprietary the facts are different, for while this counterfeit is undoubtedly very scarce, copies are occasionally met with. So



far as our knowledge goes it was used exclusively by the firm of Henning & Bonhack, of Hudson City, N. J., on packages of matches, though, of course, we cannot state as an absolute fact that it was not used by other parties.

The following description, both of the genuine and the counterfeit, is copied from an article upon this subject by Mr. Toppan* and may prove useful for purposes of comparison :

“ *Genuine* :—The ground of the central oval containing the bust of Washington is composed of fine horizontal lines of color closely hatched vertically with equally fine lines. While these crossed lines are not always distinct in poorly printed or heavily inked specimens, they can always be seen with a glass.”

“ The almost horizontal rows of fine dots, which form the shading of Washington’s forehead, are interrupted at the top, a trifle to the left of the centre, by a white space which is very sparsely shaded to represent hair. This space completely obliterates two rows of the dots and is plainly discernible to the naked eye.”

“ The face is equally and very evenly shaded and the mouth is well formed.”

“ The lettering of the inscriptions is well done, the letters all being very clear, distinct, and well shaped. The white line surrounding the central oval is clear and distinct.”

“ The disks containing the numerals of value are all of the same size.”

“ The stamp is steel engraved and perforated 12.”

“ *COUNTERFEIT* :—The ground of the central oval is composed of rather heavy horizontal lines, which are very close together, and there are no indications of any vertical lines.”

“ The break in the fine dots of the shading on the forehead is very slight, so much so that the shading appears uninterrupted to the naked eye.”

“ The face is very unevenly shaded. This is particularly noticeable below the right eye and along the right side of the upper portion of the nose, where there are white spaces which are entirely lacking in the genuine. The lines of the shading are, also, so much thickened at the right side of the face as to show a decidedly heavy line of demarcation between the face and the hair. The mouth is very poorly shaped, with a protruding lower lip.”

“ The lettering of the inscriptions, more particularly of the word ‘ PROPRIETARY ’ is very poorly done, the letters being blurred and misshapen.”

“ The white line surrounding the central oval is indistinct in several places.”

“ The left hand disks containing the numerals of value are smaller than those on the right, being about one-half a millimetre less in horizontal diameter.”

“ The whole impression is very much blurred : much more so than the poorest impression of the genuine that I have seen.”

“ The color is a dull, dark, brick-red, and the stamp is printed upon a hard, brittle, white wove paper of medium thickness.”

“ It is engraved † and perforated 12 ‡.”

“ There are some other minor differences, but the above will easily serve to distinguish the counterfeit.”

A note in the *Weekly Philatelic Era* † of recent date is as follows :

**Cf.* BOSTON STAMP BOOK, Vol. II, pp. 141-143.

† This read “ *lithographed* ” in the original article, but it should have been “ engraved.”

‡ *Cf.* Vol. XII, p. 480 (July 30, 1898).



"In a list of counterfeit plates now in the possession of the Government, after having been seized by the Secret Service officials, there is noted in *Appleton's Journal* for Sept. 20, 1873: 'One two-cent check stamp plate, three proprietary stamp plates, and a one-cent match stamp plate.'"

Upon reference to the *Journal*, as above mentioned, we find the list as stated, but with no notes or other information. We have been unable to obtain any data regarding the "two-cent check stamp plate," and know nothing more about it than the meagre information contained in the bare list. The "proprietary stamp plates" referred to are, without question, those from which the one-cent stamp described above was printed, and, from this note, we judge that three plates were used for this counterfeit. The "match stamp plate" is, undoubtedly, that for the B. & H. D. Howard stamp.

In the *N. Y. Tribune* of Nov. 5, '69, we find the following:—

"LARGE HAUL OF COUNTERFEITERS.

"Some two months ago counterfeit tobacco stamps appeared in the market, and investigation showed that a large number had been put in circulation." * * *

"Pearce at first stoutly denied the charges, but when there was discovered, still warm in his pocket, a counterfeit \$3 revenue stamp plate, he made a full confession to his captor. * * *

"After a foot & half of earth had been removed, the officers discovered a large tin box, which upon being opened was found to contain 10,500 counterfeit Rev. Stamps in large sheets, the plates for printing dies, rolls, & every denomination of stamps from one cent to \$80."



THE 1c PROPRIETARY.

First printed Sept. 11, 1862. Plate Nos. 1 A and 1 A 6.
 First delivered to Dep't. Sept. 27, 1862. No. of stamps per sheet, 180 and 210.

Size and design the same as for the one cent Express, except that the lower label is inscribed "PROPRIETARY."

The Die proof was submitted to the Department Sept. 3, 1862.

The total number of these stamps issued, from Sept. 27, 1862, to Aug. 31, 1871, was 429,230,729.

Indications point to there having been 794,045 stamps received in the vault in an imperforate condition.

In a letter to the Department, under date of Aug. 6, 1864, Butler & Carpenter state; "We have been obliged to engrave *six additional new 1 cent Proprietary plates* (thus making *ten* in all)."

As will be seen above, we have noted Plate No. 1 A 6; the left hand figure always denotes the value, the letter is the control mark, or index, to the title of the stamp, and, in all probability, the right hand figure (6 in this instance) denotes the consecutive number of the plate for that particular value and title. Proceeding upon this hypothesis, therefore, it is at least possible that plates may be found bearing this right hand number from 2 to 10, or even higher.

The following extract from a letter to Mr. Carpenter from Mr. Edwin Lamasure, dated May 26, 1870, may be of interest: "The ink of the one cent proprietary stamp is constituted and consumed at about the following rate, viz.:

Rose Pink, 12 lbs.	} 9 lbs. to print 1000 sheets."
Orange Mineral, 5 lbs.	
Persian Red, 2½ lbs.	

THE 1c. TELEGRAPH.

First printed Sept. 25, 1862. Plate Nos. 1 C and 1 X.
 First delivered to Dep't. Oct. 16, 1862. No. of stamps per sheet 210.

Size and design the same as for the other one cent values excepting that the lower label is inscribed "TELEGRAPH."

The total number of these stamps issued up to April 30, 1864 was 2,679,123. At that date the books showed a balance on hand of 2,639,000. This balance being, in all probability, used up later on.

The indications are that 72,810 stamps were received into the vault in an imperforate condition.

THE 1c. GENERAL.

The number of one cent stamps issued under this heading for the period comprised between May 1, 1864 and Aug. 31, 1871 inclusive was 11,214,473.



The remainders of the one cent stamps on hand April 30, 1864 were :

Express,	8,200,000
Telegraph,	2,639,000
Playing Cards,	375,273
Total,	11,214,273

As will be seen at a glance the sum of these individual balances lacks *just two hundred (200) stamps* of equalling that of all those issued under the "GENERAL" heading during the balance of the life of the first issue.

This is, to say the least, a remarkable coincidence, and it is our belief that the above balances were duly exhausted, and that the 1c. Express, noted as being in use Oct. 18, 1870, was simply used to keep up the three months supply which the contract stipulated should always be kept on hand.

THE 2c. BANK CHECK.

First printed Sept. 17, 1862.

Plate No. 2 B.

First delivered to Dep't. Sept. 29, 1862. No. of stamps per sheet 195 and 210.

Description :—Portrait and size the same as the one cent values. Above, a ribbon-like label, the ends curling down at sides and enclosing a colorless numeral of value upon a circular disk of solid color. The ribbon itself is colorless, excepting some fine shading on the curved ends, and is inscribed "U. S. INTER. REV." in colored Roman capitals.

Below, a similar label, excepting that the ends curve upwards to enclose the numerals of value, inscribed "BANK CHECK."

"TWO" on the left ; "CENTS" on the right, also on a ribbon-like label which curls back upon itself where the ends meet the curved ends of the upper and lower labels.

In each corner a large globule, or pearl, between two smaller ones.

Angles between central oval and labels filled in with foliated ornaments.

Of the blue stamps the records note the fact that 9,432 sheets of 210 stamps each were received into the vault in imperforate condition, these amount to 2,080,720 stamps and to them must be added 4,072 stamps which were saved from spoiled sheets, thus making a total of 2,084,792 imperforate stamps prepared.

There are noted in the same manner 966 sheets, 202,860 stamps, as being partly perforated only.

The total number of these stamps issued up to Sept. 30, 1867,* when they became obsolete, was : Orange, 44,384,632; Blue, 46,822,898.

Copies are known which show a double strike, or, as they are commonly called, "shifted die." The peculiarity of these specimens lies in the fact that in transferring to the plate either the roll or the plate has slipped and a portion of the stamp is transferred twice to the plate. In this instance it is

*See p. 15.



the bottom of the stamp which shows the "shift." There are two varieties of it, as follows: A :—In the lower label the words "Bank Check" are duplicated, the second impression, which is not always full and distinct, being a trifle below and to the left of the proper one, so that the vertical stroke of the "K" of "Check" in the second impression falls over the points of the second "C" in the proper impression of that word.

The ornamental lathework below the label, as well as the globules in the lower corners, are, also, double.

This variety is only known in the stamps printed in blue.

B :—The only specimen of this variety which we have seen differs from variety A as follows:

The left portion of the lower inscription is double, but this does not show in the "C" and "K" of "Check" though it is particularly noticeable between the "N" and "K" of "Bank" and the "C H" and "E" of "Check."

The whole is rather more blurred and indistinct than in variety A.

Unfortunately the specimen which is here described is so badly centered that the ornaments below the lower label are entirely cut away by the perforation and there is not enough left of the globules in the corners, and that little is very faint, to show whether they are double or not.

The whole appearance of the stamp shows it to be one of those printed in 1864, after the color had been altered from blue back to orange. We have not met this variety in the blue stamp.

This stamp, as well as the two cent U. S. I. R., exists upon a peculiar, *green* paper and, though we were at first rather inclined to doubt its authenticity, investigation has revealed the fact that the 3c. Postage Stamp of 1861 is found on almost, if not exactly, identical paper. In the latter case the paper was purely experimental, and was never adopted or supposed to have been used. This is probably the case in this instance also. It was probably an experiment and, in some unknown way, a sheet or more of each must have gotten out and been used. We have seen quite a number of specimens, all cancelled with a pen and all dated in June, 1866.

THE 2c. CERTIFICATE.

First printed Sept. 23, 1862.

Plate No. 2 C.

First delivered to Dep't. Oct. 21, 1862. No. of stamps per sheet 210.

Size and design the same as the other two cent values. Lower label inscribed "CERTIFICATE."

The total number issued up to April 30, 1864,* was:—Orange, 624,750; Blue, 1,062,340.

Evidence points to there having been an imperforate supply of 602,230 stamps received into the vaults.

A "shifted die" is also found of this stamp. It is almost identical in appearance with that of the two cent Bank Check, variety A.

*See p. 15.



THE 2c. EXPRESS.

First printed Sept. 30, 1862.

Plate No. 2 E.

First delivered to Dep't. Nov. 20, 1862. No. of stamps per sheet 210.

Size and design the same as for the other two cent values excepting that the lower label is inscribed "EXPRESS."

The total number issued up to Aug. 31, 1864* was:—Orange, 1,013,660; Blue, the last four months being partly estimated, 4,347,187.

The number of unfinished, *i. e.*, imperforate and partly perforated, stamps received into the vault was 2,724,540. These are noted in the records and are all blue.

THE 2c. PLAYING CARDS.

First printed Sept. 26, 1862.

Plate Nos. 2 D and 2 O.

First delivered to Dep't. Oct. 21, 1862. No. of stamps per sheet 210.

Size and design the same as for the other two cent values excepting that the lower label is inscribed "PLAYING CARDS."

The total number issued in Orange was 502,320; and in blue, including a balance of 9,079,705 which was reported on hand Aug. 2, 1864, and was afterwards used up, it was 9,472,990.

The total number of stamps received into the vault, and of which the records of the *Perforating department show no trace*, was 424,670, but of this number 213,050 were returned, probably for perforation, leaving a net balance of 211,620 imperforate and partly perforated.

THE 2c. PROPRIETARY.

First printed Sept. 11, 1862.

Plate No. 2 A.

First delivered to Dep't. Sept. 27, 1862. No. of stamps per sheet 180, 195 and 210.

Size and design the same as for the other two cent values excepting that the lower label is inscribed "PROPRIETARY."

A die proof was submitted to the Dep't. Sept. 3, 1862.

There were 800,883 in orange issued in 1862, and, in July 1864, a forgotten balance of 966,000 in this color were unearthed and issued to a New York firm who requested "*yellow stamps*;" 378,000 of them were issued in 1864, and the remainder, 588,000, in 1865. Thus we have for the total number issued: Orange 1,766,883; blue 99,686,200.

Evidence points to there having been an imperforate supply of 1,240,410 stamps in the vault.

THE 2c. U. S. I. R.

First printed Oct. 4, 1864.

Plate No.

First del'd. to Dep't. Oct. 12, 1864. No. of stamps per sheet 210.

*See p. 15.



Size and design the same as for the other two cent values excepting that the lower label is inscribed "U. S. INTER. REV."

After Sept. 30, 1867, this stamp was, with the exception of the 2c. Proprietary whose use was restricted to proprietary articles and Playing cards, the only 2c. stamp issued. It was printed only in orange and was last issued in October 1871.

The total number issued was 456,724,925.

This stamp, like the 2c. Bank Check, occurs on green paper.*

2c. GENERAL NOTES.

May 1, 1863. Root, Anthony & Co. (Stamp Brokers) N. Y." * * * *The yellow or buff* two cent stamps were the first printed. Fault being found with the impressions, we were directed to print in *blue* which is now the established color for the 2c. denomination." (Signed) Butler & Carpenter.

July 3rd, 1863, E. McPherson. " * * * We have on hand (printed merely of the original stock) of yellow stamps as follows, viz :

41,760	2c. Bank Checks.
3,570	" Playing Cards.
5,460	" Proprietary
15,960	" Certificate.

These stamps are neither gummed nor perforated. They were among the first printed and vary from 180 to 210 stamps to the sheet. We are aware that the public prefer the yellow to the blue color, but in view of the fact that there is so great a balance of blue stamps, would it not be injudicious to authorize an issue now of yellow stamps?"

(Signed) Butler & Carpenter.

July 13, 1863. Root, Anthony & Co. "We have given directions to *gum and perforate the yellow stamps* for your order." (Signed) Butler & Carpenter. (From a letter we judge these to be the 41,760, 2c. B. C. and 15,960, 2c. Cert.)

Aug. 28th, 1863. Same to same. "We have *no yellow* 2c. Certificate or Express Stamps on hand; but there is a balance of 88,000 2c. Playing Card stamps and we believe these stamps have been used for other purposes than their character expresses. You can judge of this matter yourselves, however; and we have only to add that these stamps exhaust entirely all our yellow 2c. stock of all kinds and denominations."

THE 3c. FOREIGN EXCHANGE.

First printed Oct. 16, 1862.

Plate No. 31.

First delivered to Dep't. Nov. 15, 1862. No. of stamps per sheet 170.

Description: Size of engraving 51-64 x 13-64 inches, 19 1-2 by 26 mm. Portrait the same as in preceding values. Curved label, with depressed centre, above inscribed "INTER. REVENUE." in colorless Roman capitals upon a

*See p. 36.



ground of fine horizontal lines, above this, in the depressed centre of the label, a small, colorless, horizontal oval inscribed "U. S."

Below, in a similar label only curved upwards in the centre instead of depressed, "FORN. EXCHANGE;" below and in the curve of the label an horizontal oval, colorless except for a few fine shade lines at bottom.

"THREE" at left, "CENTS" at right, both in curved labels, colorless except for fine horizontal shade lines at the ends. Between the ends of the side labels and those at top and bottom are oval disks of solid color containing colorless numerals of value. Other spaces filled in with foliated ornamentation and a small, colorless pearl at each corner. The whole is surrounded by a rectangular frame-line which, however, does not always show.

The total number issued up to April 30, 1864, was 1,510,709, but, as 2,000 sheets were ordered printed on March 24, 1864, and an additional 2,000 sheets late in the same year, we feel justified in adding at least 600,000 stamps to the number as given above, making the total issue about 2,110,709 up to Dec. 31, 1864, approximately.

There is no record of an imperforate supply nor is the stamp known thus, or partly perforated, in pairs.

This plate was in use Oct. 18, 1870.

THE 3c. PLAYING CARDS.

First printed Dec. 14, 1862.

Plate No. 3 O.

First delivered to Dep't. Jan. 9, 1863. No. of stamps per sheet 170.

Size and design the same as for the other three cent values excepting that the lower label is inscribed "PLAYING CARDS."

The total number issued, including the balance of 152,746 reported on hand July 19, 1864, and subsequently exhausted, was 368,106.

Evidence points to an imperforate supply of 7,000 having been received into the vaults.

THE 3c. PROPRIETARY.

First printed Sept. 23, 1862.

Plate No. 3 A.

First delivered to Dep't. Oct. 4, 1862. No of stamps per sheet 170.

Size and design the same as for the other three cent values excepting that the lower label is inscribed "PROPRIETARY."

The total number issued was 43,378,635.

While the records show no evidence of any imperforates, and none are known thus, or partly perforated, in pairs, there is very little doubt that they were so issued, as, on Sept. 1, 1863, the "spoiled Stamp Account" shows an entry of "5,100 returned for perforation;" and again, on Oct. 31, 1863, there is a similar entry of 3,060.

THE 3c. TELEGRAPH.

First printed Oct. 29, 1862.

Plate Nos. 3 C and 3 X.

First delivered to Dep't. Nov. 21, 1862. No. of stamps per sheet 170.



Size and design the same as for the other three cent values excepting that the lower label is inscribed "TELEGRAPH."

The total number issued up to April 30, 1864, plus 1,700,000 printed later in 1864, was 7,908,141.

Evidence points to an imperforate supply of about 200,000.

THE 3c. GENERAL.

Under this head are included all stamps issued after April 30, 1864, and not previously accounted for. They number 1,365,131 and were probably almost all *Foreign Exchange*, the balance, if any, being *Telegraph*.

THE 4c. INLAND EXCHANGE.

First printed April 27, 1863.

Plate No. 4 F.

First delivered to Dep't. May 12, 1863. No. of stamps per sheet 170.

Size and design the same as for the three cent values excepting that the numerals of value are "4" instead of "3" and that the inscription on the left is also changed to "FOUR." The lower label is inscribed "INLD. EXCHANGE."

The total number issued was 2,909,592 and there is no evidence of any imperforates.

THE 4c. PLAYING CARDS.

First printed March 19, 1863.

Plate No 4 O.

First delivered to Dep't. April 11, 1863. No. of stamps per sheet 170.

Size and design the same as for the other four cent values excepting that the lower label is inscribed "PLAYING CARDS."

The total number issued, including the balance of 266,482 reported on hand Aug. 2, 1864, was 697,170.

Evidence points to there having been 17,000 imperforates in the vault.

THE 4c. PROPRIETARY.

First printed Sept. 19, 1862.

Plate Nos. 4 A and "1 Plate No. 4 A."

First delivered to Dep't. Oct. 4, 1862. No. of stamps per sheet 170.

Size and design the same as for the other four cent value excepting that the lower label is inscribed "PROPRIETARY."

The total number issued was 67,837,733 and evidence points to an imperforate supply of 233,910 having been in the vault.

THE 5c. AGREEMENT.

First printed Oct. 7, 1862.

Plate Nos. 5 C and 5 H.

First delivered to Dep't. Nov. 15, 1862. No. of stamps per sheet 170.



Size and design the same as for the four cent values excepting that the left hand label is inscribed "FIVE" and the numerals of value are changed to correspond. The lower label is inscribed "AGREEMENT."

The total number issued up to April 30, 1864, was 1,272,024.

Evidence points to an imperforate supply of 146,590 having been in the vaults.

This plate was in use Oct. 18, 1870.

THE 5c. CERTIFICATE

First printed Nov. 24, 1862. Plate No. 5 C.

First delivered to Dep't. Dec. 3, 1862. No. of stamps per sheet, 170.

Size and design the same as for the other five cent values, excepting that the lower label is inscribed "CERTIFICATE."

The total number issued up to April 30, 1864, was 2,397,889, but, as will be seen by the following extract from a letter to E. A. Rollins, by Butler & Carpenter, more of them were issued as "General" stamps. The letter is dated March 12, 1867, and is: " * * * We are now printing from a fresh plate—five cent Certificate."

Evidence points to an imperforate supply of 57,660 having been in the vault.

THE 5c. EXPRESS.

First printed Oct. 10, 1862. Plate No. 5 E.

First delivered to Dep't. Nov. 20, 1862. No. of stamps per sheet, 170.

Size and design the same as for the other five cent values, excepting that the lower label is inscribed "EXPRESS."

The total number issued up to April 30, 1864, was 2,639,018.

The number of imperforate stamps received into the vault was 1,104,830. *These were noted on the records as "not perforated."*

THE 5c. FOREIGN EXCHANGE.

First printed Oct. 15, 1862. Plate No. 5 I.

First delivered to Dep't. Nov. 15, 1862. No. of stamps per sheet, 170.

Size and design the same as for the other five cent values excepting that the lower label is inscribed "FORN. EXCHANGE."

The total number issued up to April 30, 1864, was 284,488, and evidence points to an imperforate supply of 36,170 having been in the vault.

THE 5c. INLAND EXCHANGE.

First printed Oct. 4, 1862. Plate Nos. 5 F and 5.

First delivered to Dep't. Oct. 23, 1862. No. of stamps per sheet, 170.



Size and design the same as for the other five cent values, excepting that the lower label is inscribed "INLD. EXCHANGE."

The total number issued up to April 30, 1864, was 7,809,722, but, as with the 5c. Certificate, the plate was used later, as, under date of March 22, 1867, Butler & Carpenter write to E. A. Rollins: "The five cent Inland Exchange plate has not been in use for several months."

Evidence points to 503,915 imperforates having been in the vault.

THE 5c. PLAYING CARDS.

First printed March 20, 1863.

Plate No. 5 O.

First delivered to Dep't. April 1, 1863. No. of stamps per sheet, 170.

Size and design the same as for the other five cent values, excepting that the lower label is inscribed "PLAYING CARDS."

The total number issued was 2,054,511, and evidence points to there having been 9,000 imperforate stamps in the vault.

THE 5c. PROPRIETARY.

First printed Aug. 18, 1864.

Plate No. 5 O.

First delivered to Dep't. Aug. 25, 1864. No. of stamps per sheet, 170.

Size and design the same as for the other five cent values, excepting that the lower label is inscribed "PROPRIETARY."

The total number issued was 2,363,206, and there is no evidence of any imperforates.

The 5c. GENERAL.

This includes all stamps not included under any of the previous titles which were issued from 1864 to 1871, after the stamps became general in character.

There were so issued 109,342,267.

THE 6c. INLAND EXCHANGE.

First printed May 1, 1863.

Plate No. 6 F.

First delivered to Dep't. May 12, 1863. No. of stamps per sheet, 170.

Size and design the same as the five cent. values, excepting that the numerals of value are changed to "6," and the left hand label is inscribed "Six." The lower label is inscribed "INLD. EXCHANGE."

The plate was ordered engraved March 31, 1863, and the total number issued was 2,089,736.

There is no evidence of any imperforates.



THE 6c. PROPRIETARY.

First printed March 29, 1871.

Plate No.

First delivered to Dep't. April 13, 1871. No. of stamps per sheet, 170.

Size and design the same as the other six cent value, excepting that the lower label is inscribed "PROPRIETARY."

The total number issued was 89,348.

The following correspondence in reference to this stamp will doubtless be interesting :

"NORWICH, Conn., March 10, 1871.

JOS. R. CARPENTER, Philadelphia. * * * We prefer the ordinary proprietary stamp to going to the expense of a private die, if we can obtain one of a 6c. denomination. It seems very extraordinary to us that such parsimony should exist with the Gov't. in so small a matter. To require the use of a 6c. stamp for a \$1.50 preparation (and there are more than a hundred of them), and then refuse to provide the stamp requisite, is what could hardly have been expected. If such a tax is to be exacted it surely belongs to the Gov't to provide the stamp."

(Signed) CHARLES OSGOOD & Co.

The above is endorsed by Mr. Carpenter: "The Government has not authorized, but will authorize a 6c. stamp probably."

The following is a letter from Mr. Carpenter to A. Pleasanton, Comm'r., dated March 20, 1871: "Yours of the 17th inst. is at hand. Pursuant thereto please find herewith printed impressions of design for a six cent proprietary stamp. The impression printed in *orange* being submitted for approval as to color as well as design.

Also please advise me what quantity to print to begin with. The stamps can be ready for delivery in about one week from the time of your approval of design and color."

Under date of March 22nd, 1871, is the following from J. W. Douglas, Deputy Comm'r., to Mr. Carpenter: "I return herewith, with the approval of the Commissioner, the proof impression of the six cent proprietary stamp, submitted in your letter of the 20th instant.

Please print one hundred thousand stamps of this denomination in black and hold them subject to the orders of this office."

Then follows, on March 23, 1871, a letter from Mr. Carpenter to Mr. Lamasure: "The enclosed six cent proprietary stamp is returned, as you see, approved; but instructions are given to print one hundred thousand stamps in *black*. I have written in reply showing the disadvantages of this color, and order to print in this color will be withheld meanwhile. The number of sheets you will direct to be printed is 600 when the color is finally decided on."

A reply from the Comm'r. having been received ordering the stamp printed in *orange*, Mr. Carpenter writes Mr. Lamasure, under date of March 28th, 1871, as follows:

"The enclosed letter explains itself. Let the 600 sheets be at once printed."



On April 13, 1871, Mr. Carpenter writes to Charles Osgood & Co. as follows: "Since my communication to you of the 12th ult. the Comm'r. of Inter. Rev. has authorized the engraving of a six cent proprietary plate, and stamps of that denomination have already been prepared, and are ready to deliver to the public."

From the foregoing it will be seen that the stamp was ordered on March 17th; approved in black on March 22nd, and in orange on March 26, 1871.

It is very frequently found cancelled "Charles Osgood & Co." in a circle.

THE 10c. BILL OF LADING.

First printed Nov. 10, 1862.

Plate No. 10 K.

First delivered to Dep't. Nov. 26, 1862. No. of stamps per sheet, 170.

Size and design the same as the six cent values excepting that the left hand label is inscribed "TEN" and the numerals of value are changed to correspond. Lower label inscribed: "BILL OF LADING."

The total number issued up to April 30, 1864 was 1,025,440.

Evidence points to 158,440 as the number of imperforate stamps received into the vault.

THE 10c. CERTIFICATE.

First printed Sept. 24, 1862.

Plate Nos. 10 A and 10 C.

First delivered to Dep't. Oct. 24, 1862. No. of stamps per sheet 170.

Size and design the same as for the other ten cent values excepting that the lower label is inscribed "CERTIFICATE."

The total number issued up to April 30, 1864 was 1,121,499 and evidence points to an imperforate supply of 146,700 having been in the vault.

THE 10c. CONTRACT.

First printed Oct. 2, 1862.

Plate Nos. 10 B and 10 P.

First delivered to Dep't. Oct. 24, 1862. No. of stamps per sheet 170.

Size and design the same as for the other ten cent values excepting that the lower label is inscribed "CONTRACT."

The total number issued up to April 30, 1864 was 571,753, but the plate was in use as late as Oct. 18, 1870.

Evidence points to an imperforate supply of 133,740 having been in the vault.



THE 10c. FOREIGN EXCHANGE.

First printed Oct. 15, 1862. Plate No. 10 I.
 First delivered to Dep't. Nov. 15, 1862. No. of stamps per sheet 170.

Size and design the same as for the other ten cent values excepting that the lower label is inscribed "FORN. EXCHANGE."

The total number issued up to April 30, 1864 was 231,047 and evidence points to there having been 40,020 imperforates in the vault.

THE 10c. INLAND EXCHANGE.

First printed Oct. 14, 1862. Plate No. 10 F.
 First delivered to Dep't. Nov. 15, 1862. No. of stamps per sheet 170.

Size and design the same as for the other ten cent values except that the lower label is inscribed "INLD. EXCHANGE."

The total issue up to April 30, 1864 was 4,479,401 and the evidence points to there having been 251,450 imperforates in the vault.

THE 10c. POWER OF ATTORNEY.

First printed Nov. 12, 1862. Plate No. 10 V.
 First delivered to Dep't. Dec. 2, 1862. No. of stamps per sheet 170.

Size and design the same as for the other ten cent values excepting that the lower label is inscribed "POWER OF ATTY."

The total issue up to April 30, 1864 was 194,935 and evidence points to there having been 73,340 imperforates in the vault less "4,542 returned for perforation" July 31, 1863 or 68,798.

THE 10c. PROPRIETARY.

First printed July 30, 1864. Plate No. 10 A.
 First delivered to Dep't. Aug. 6, 1864. No. of stamps per sheet 170.

Size and design the same as for the other ten cent values excepting that the lower label is inscribed "PROPRIETARY."

This stamp was ordered engraved on July 21, 1864.

The total number issued was 988,235 and there is no evidence of any imperforates.

THE 10c. GENERAL.

The total number of stamps of this value issued after April 30, 1864, exclusive of the Proprietary, was 36,260,775 and this amount probably includes all titles with the above exception.



THE 15c FOREIGN EXCHANGE.

First printed Dec. 16, 1862. Plate No. 15 I.
 First delivered to Dep't. Jan. 5, 1863. No. of stamps per sheet 170.

Size and design the same as for the ten cent values excepting that the left hand label is inscribed "FIFTEEN" and the numerals of value are altered to correspond.

The bottom label is inscribed "FORN. EXCHANGE."

The total issue up to April 30, 1864 was 77,044 and there is no evidence of any imperforates.

THE 15c. INLAND EXCHANGE.

First printed Nov. 18, 1862. Plate No. 15 F.
 First delivered to Dep't. Dec. 2, 1862. No. of stamps per sheet 170.

Size and design the same as for the other fifteen cent value excepting that the lower label is inscribed "INLD. EXCHANGE."

The total issue up to April 30, 1864 was 1,067,529 and the evidence points to an imperforate supply of 135,650 having been in the vaults.

This plate was in use Oct. 18, 1870.

THE 15c. GENERAL.

The total number of fifteen cent stamps issued after April 30, 1864, was 2,929,722.

THE 20c. FOREIGN EXCHANGE.

First printed Oct. 27, 1862. Plate No. 20 I.
 First delivered to Dep't. Nov. 22, 1862. No. of stamps per sheet 170.

Size and design the same as for the fifteen cent values excepting that the left hand label is inscribed "TWENTY" and the numerals of value are altered to correspond.

The lower label is inscribed "FORN. EXCHANGE."

The total number issued up to April 30, 1864, was 124,406 and evidence points to there having been 12,685 imperforates in the vault.

This plate was in use Oct. 18, 1870.

THE 20c. INLAND EXCHANGE.

First printed Nov. 19, 1862. Plate No. 20 F.
 First delivered to Dep't. Dec. 2, 1862. No. of stamps per sheet 170.

Size and design the same as last excepting that the lower label is inscribed "INLD. EXCHANGE."

The total issue up to April 30, 1864, was 1,293,277, and the evidence points to an imperforate supply of 177,390 having been in the vaults.



THE 20c. GENERAL.

The number of twenty cent stamps issued subsequent to April 30, 1864, was 4,403,288.

THE 25c. BOND.

First printed Oct. 30, 1862.

Plate No. 25 L.

First delivered to Dep't. Nov. 26, 1862. No. of stamps per sheet 102.

Description :—Size of engraving 51-64 by 1 29-32 inches, 20 by 48 mm. Portrait of Washington as in lower values. Arabesque ornamentation both above and below the central oval and enclosing horizontal ovals of solid color bearing colorless numerals of value. Above, upon a colorless, arched label with rounded ends, "TWENTY FIVE CTS.," below, on a similar label but curved opposite to that above, "BOND." Both of these inscriptions are in block capitals and the lower has two small, five-pointed stars at either end. Ground of alternate fine and heavy vertical lines forming a vertical rectangle with truncated corners which is outlined, above only, by a fine line of color. The whole is surrounded by a colorless line outside of which is a frame of lathe-work, with bosses in the corners and broken at centre on either side by semi-ovals of solid color, (containing a colorless ornament,) which project from either side of the central oval. At the top, upon a straight marginal label of solid color, "UNITED STATES;" at bottom, in a similar label, "INTER REVENUE," both inscriptions being in colorless, Roman capitals. An exterior frame line of color surrounds the whole.

The total issue up to April 30, 1864, was 383,073. Evidence shows the number of imperforates to have been 50,032 less 510 returned, or 49,522.

THE 25c. CERTIFICATE.

First printed Oct. 18, 1862.

Plate No. 25 C.

First delivered to Dep't. Nov. 22, 1862. No. of stamps per sheet 102.

Size and design the same as for the other twenty-five cent values excepting that the lower label is inscribed "CERTIFICATE" and contains no stars.

The total number issued up to April 30, 1864, was 1,162,214.

The plate was in use Oct. 18, 1870. Evidence shows an imperforate supply of 96,680 less 1,632 returned, or 95,048.

THE 25c. ENTRY OF GOODS.

First printed Oct. 25, 1862.

Plate No. 25 N.

First delivered to Dep't. Nov. 26, 1862. No. of stamps per sheet 102.

Size and design the same as for the other twenty-five cent values excepting that the lower label is inscribed "ENTRY OF GOODS:" no stars in label.



The total number issued up to April 30, 1864, was 133,748, and evidence points to there having been an imperforate supply of 47,218 less 1,624 returned, or 45,594.

THE 25c. INSURANCE.

First printed Oct. 7, 1862. Plate No. 25 G.
First delivered to Dep't. Oct. 21, 1862. No. of stamps per sheet 102.

Size and design the same as for the others of similar value excepting that the lower label is inscribed "INSURANCE," with a single star at each end of the label.

The total number issued up to April 30, 1864, was 1,585,696 and evidence points to an imperforate supply of 166,488 less 612 returned or 165,876.

THE 25c. LIFE INSURANCE.

First printed Oct. 23, 1862. Plate No. 25 G'.
First delivered to Dep't. Dec. 1, 1862. No. of stamps per sheet 102.

Size and design the same as for others of similar value excepting that the lower label is inscribed "LIFE INSURANCE;" no stars.

The total number issued up to April 30, 1864, was 136,669, and evidence points to there having been an imperforate supply of 45,970 less 2,116 returned, or 43,854.

THE 25c. POWER OF ATTORNEY.

First printed Oct. 17, 1862. Plate No. 25 V.
First delivered to Dep't. Nov. 15, 1862. No. of stamps per sheet 102.

Size and design the same as for others of similar value excepting that the lower label is inscribed "POWER OF ATTY.;" no stars.

The total number issued up to April 30, 1864, was 1,025,765, and evidence points to an imperforate supply of 161,588 less 1,551 returned, or 160,037.

THE 25c. PROTEST.

First printed Oct. 16, 1862. Plate No. 25 J.
First delivered to Dep't. Nov. 15, 1862. No. of stamps per sheet 102.

Size and design the same as for others of similar value excepting that the lower label is inscribed "PROTEST," with two stars at each end.

The total number issued up to April 30, 1864, was 349,269, and evidence points to an imperforate supply of 101,082 less 3,122 returned, or 97,960.



THE 25c. WAREHOUSE RECEIPT.

First printed Oct. 21, 1862. Plate No. 25 Y.
 First delivered to Dep't. Nov. 22, 1862. No. of stamps per sheet 102.

Size and design the same as for others of similar value excepting that the lower label is inscribed "WAREHOUSE RECEPT." no stars.

The total number issued up to April 30, 1864, was 238,242, and evidence points to an imperforate supply of 29,818, less 3,978 returned, or 26,840.

THE 25c. GENERAL.

The total number of twenty-five cent stamps issued under this heading after April 30, 1864, was 32,344,027.

THE 30c. FOREIGN EXCHANGE.

First printed Oct. 27, 1862. Plate No. 30 I.
 First delivered to Dep't. Nov. 17, 1862. No. of stamps per sheet 102.

Size and design the same as for the twenty-five cent values excepting that the upper label is inscribed "THIRTY CENTS" and the numerals of value are altered to correspond.

The lower label is inscribed "FORN EXCHANGE;" no stars.

The total number issued up to April 30, 1864, was 82,803, and evidence points to there having been an imperforate supply of 9,656 less "32 returned for perforation," or 9,624.

This plate was in use Oct. 18, 1870.

THE 30c. INLAND EXCHANGE.

First printed Oct. 6, 1862. Plate No. 30 F.
 First delivered to Dep't. Oct. 21, 1862. No. of stamps per sheet 102.

Size and design same as last excepting that the lower label is inscribed "INLD. EXCHANGE;" no stars.

The total number issued up to April 30, 1864, was 625,787 and evidence points to 103,424 as being imperforate.

THE 30c. GENERAL.

Under this heading 2,086,669 stamps were issued after April 30, 1864.

THE 40c. INLAND EXCHANGE.

First printed Nov. 21, 1862. Plate No. 40 F.
 First delivered to Dep't. Dec. 4, 1862. No. of stamps per sheet 102.



Size and design the same as for the thirty cent values excepting that the upper label is inscribed "FORTY CENTS" and the numerals of value are altered to correspond.

The lower label is inscribed "INLD. EXCHANGE;" no stars.

The total number issued was 1,911,479, and evidence points to there having been an imperforate supply of 86,730 less 204 "returned for perforation" in the vaults, or 86,526.

THE 50c. CONVEYANCE.

First printed Oct. 18, 1862.

Plate No. 50 M.

First delivered to Dep't. Nov. 17, 1862. No. of stamps per sheet 85.

Description :—Size of engraving 51-64 by 2 3-10 inches, or 20 by 54 1-2 mm. Three quarter face portrait of Washington, after Stuart, to left upon an oval disk with a background of very fine and close vertical and horizontal lines; above and below are reticulated circular ornaments bearing large, colorless numerals of value upon a ground of heavy vertical lines. In each of the angles between these circles and the central oval is a colorless, five-pointed star, exteriorly shaded with fine lines of color, upon a ground of vertical lines. Above, in a curved label, which is colorless except for a few fine shade lines, "FIFTY CENTS," in colored Roman capitals. Below, in a similar label, and type, "CONVEYANCE." At left, upon a straight marginal label of solid color, "UNITED STATES;" at right, upon a similar label, "INTER. REVENUE," both inscriptions being in colorless, Roman capitals. The label on the left has an outer frame consisting of one fine, colored line, that at right has a double-lined outer frame. The spaces between the side labels and the curved ones at top and bottom are filled in with foliated ornaments, while at each corner is arabesque ornamentation.

The total number issued up to April 30, 1864, was 944,085, and evidence points to there having been 57,800 imperforates in the vault.

This plate was in use Oct. 18, 1870.

THE 50c. ENTRY OF GOODS.

First printed Nov. 18, 1862.

Plate No. 50 N.

First delivered to Dep't. Dec. 1862. No. of stamps per sheet 85.

Size and design the same as the other fifty cent values excepting that the lower label is inscribed "ENTRY OF GOODS."

The total number issued up to April 30, 1864, was 84,687 and evidence points to an imperforate supply of 8,823, less 255 "returned for perforation," or 8,568.

THE 50c. FOREIGN EXCHANGE.

First printed Nov. 18, 1862.

Plate No. 50 I.

First delivered to Dep't. Dec. 6, 1862. No. of stamps per sheet 85.



Size and design the same as for the other fifty cent values excepting that the lower label is inscribed "FORN. EXCHANGE."

The total number issued up to April 30, 1864, was 253,133, and evidence points to there having been an imperforate supply of 52,095, less 1,732 "returned for perforation," or 50,363 net.

THE 50c. LEASE.

First printed Oct. 20, 1862.

Plate No. 50 R.

First delivered to Dep't. Nov. 22, 1862. No. of stamps per sheet 85.

Size and design the same as for the other fifty cent values excepting that the lower label is inscribed "LEASE," and there is a small, colored, five-pointed star before and after the word.

The total number issued up to April 30, 1864, was 159,761, and evidence points to there having been an imperforate supply of 35,020, less 956 "returned for perforation," or 34,064.

THE 50c. LIFE INSURANCE.

First printed Nov. 20, 1862.

Plate No. 50 G².

First delivered to Dep't. Dec. 1, 1862. No. of stamps per sheet 85.

Size and design the same as for the other fifty cent values excepting that the lower label is inscribed "LIFE INSURANCE."

The total number issued up to April 30, 1864, was 100,321, and evidence shows an imperforate supply of 9,265, less 186 "returned for perforation," or 9,079.

THE 50c. MORTGAGE.

First printed Oct. 28, 1862.

Plate No. 50 T.

First delivered to Dep't. Nov. 22, 1862. No. of stamps per sheet 85.

Size and design the same as for the other fifty cent values excepting that the lower label is inscribed "MORTGAGE."

The total number issued up to April 30, 1864, was 896,568 and evidence points to an imperforate supply of 22,800 less 1,939 "returned for perforation," or 20,861.

THE 50c. ORIGINAL PROCESS.

First printed Oct. 16, 1862.

Plate No. 50 Z.

First delivered to Dep't. Nov. 15, 1862. No. of stamps per sheet 85.

Size and design the same as for the other fifty cent values excepting that the lower label is inscribed "ORIGL. PROCESS."

The total number issued up to April 30, 1864, was 280,463 and evidence points to there having been an imperforate supply of 55,999 in the vault.



THE 50c. PASSAGE TICKET.

First printed Nov. 3, 1862. Plate No. 50 U.
 First delivered to Dep't. Nov. 26, 1862. No. of stamps per sheet 85.

Size and design the same as for the other fifty cent values excepting that the lower label is inscribed "PASSAGE TICKET."

The total number issued up to April 30, 1864 was 141,180 and evidence points to there having been an imperforate supply of 16,235, less 6,696 "returned for perforation," or 9,539.

THE 50c. PROBATE OF WILL.

First printed Nov. 10, 1862. Plate No. 50 W.
 First delivered to Dep't. Nov 24, 1862. No. of stamps per sheet 85.

Size and design the same as for the other fifty cent values excepting that the lower label is inscribed "PROBATE OF WILL."

The total number issued up to April 30, 1864 was 242,424 and evidence points to an imperforate supply of 20,284 less 5,257 "returned for perforation," or 15,027.

THE 50c. SURETY BOND.

First printed Nov. 18, 1862. Plate No. 50 L.
 First delivered to Dep't. Dec. 1, 1862. No. of stamps per sheet 85.

Size and design the same as for the other fifty cent values excepting that the lower label is inscribed "SURETY BOND."

The total number issued up to April 30, 1864 was 284,476 and evidence points to an imperforate supply of 24,310, less 734 "returned for perforation," or 23,576.

THE 50c. GENERAL.

The total number of fifty cent stamps issued after April 30, 1864 was 24,573,574.

THE 60c. INLAND EXCHANGE.

First printed Nov. 24, 1862. Plate No. 60 F.
 First delivered to Dep't. Dec. 3, 1862. No. of stamps per sheet 85.

Description:—Size and design the same as for the fifty cent values excepting that the upper label is inscribed "SIXTY CENTS" and the numerals of value are altered to correspond.

The lower label is inscribed "INLD. EXCHANGE."



The total number issued was 1,154,574 and evidence points to there having been an imperforate supply of 27,795, less 340 "returned for perforation," or 27,455.

THE 70c. FOREIGN EXCHANGE.

First printed Nov. 21, 1862.

Plate No. 70 I.

First delivered to Dep't. Dec. 6, 1862. No. of stamps per sheet 85.

Description :—Size and design the same as for the sixty cent value excepting that the upper label is inscribed "SEVENTY CENTS" and the numerals of value are altered to correspond.

The lower label is inscribed FORN. EXCHANGE.

The total number issued was 1,397,739 and evidence points to there having been an imperforate supply of 1,258 in the vault.

THE \$1.00 CONVEYANCE.

First printed Nov. 15, 1862.

Plate No. 100 M.

First delivered to Dep't. Dec. 1, 1862. No. of stamps per sheet 90.

Description :—Size of engraving 59-64 by 1 59-64 inches, 23 by 48 1-2 mm. Three quarters face portrait of Washington to left, after Stuart, upon an oval disk with a ground of fine and very close vertical and horizontal lines. Size of oval 18 by 22mm. Immediately above, and closely following the outline of the oval, is a curved label of solid color, and with rounded ends, inscribed "U. S. INTER. REVENUE" in colorless, Roman capitals; below, in a similar label and type, "CONVEYANCE," with a small, five-pointed star at either end of the label. Connecting these labels at sides, and thus forming a band completely surrounding the central oval, are small, longitudinal tablets containing a colored, five-pointed star, heavily outlined by a colorless line, upon a ground of fine vertical lines. Above and below are large reticulated ornaments outlined by a heavy colorless line between two fine colored ones. At top and bottom is a curved label, colorless except for fine shade lines at the ends, inscribed "DOLLAR" in colored, Roman capitals. In each corner are shields of solid color bearing colorless numerals of value. The whole is made into a rectangle by the addition of foliated ornaments upon a ground of fine lines of color. Each of the lower corners has, also, a small globule, or pearl, and the whole is enclosed in a single lined frame.

The total number issued up to April 30, 1864 was 326,326 and evidence points to there having been an imperforate supply of 20,970, less 2,684 "returned for perforation," or 18,286.

THE \$1.00 ENTRY OF GOODS.

First printed Nov. 26, 1862.

Plate No. 100 N.

First delivered to Dep't. Dec. 4, 1862. No. of stamps per sheet 90.

Size and design the same as for the other one dollar values excepting that the lower label is inscribed "ENTRY OF GOODS;" no stars.



The total number issued up to April 30, 1864 was 123,771 and evidence points to there having been an imperforate supply of 3,330, less 325 "returned for perforation," or 3,005.

This plate was in use Oct. 18, 1870.

THE \$1.00 FOREIGN EXCHANGE.

First printed Nov. 24, 1862.

Plate No. 100 I.

First delivered to Dep't. Dec. 6, 1862. No. of stamps per sheet 90.

Size and design the same as for the other one dollar values excepting that the lower label is inscribed "FOREIGN EXCHANGE;" no stars.

The total number issued up to April 30, 1864 was 58,621 and evidence points to there having been an imperforate supply of 12,361, less 90 "returned for perforation," or 12,271.

THE \$1.00 INLAND EXCHANGE.

First printed Nov. 25, 1862.

Plate No. 100 F.

First delivered to Dep't. Dec. 2, 1862. No. of stamps per sheet, 90.

Size and design the same as for the other dollar values, excepting that the lower label is inscribed "INLAND EXCHANGE;" no stars.

The total number issued up to April 30, 1864, was 388,979, and evidence points to there having been an imperforate supply of 69,930, less 3420 "returned for perforation," or 66,510.

THE \$1.00 LEASE.

First printed Nov. 27, 1862.

Plate No. 100 R.

First delivered to Dep't. Dec. 8, 1862. No. of stamps per sheet 90.

Size and design the same as for the other one dollar values, excepting that the lower label is inscribed "\$1.00. LEASE. \$1.00;" no stars.

The total number issued up to April 30, 1864, was 44,193, and evidence points to there having been an imperforate supply of 16,560, less 166 "returned for perforation," or 16,394.

THE \$1.00 LIFE INSURANCE.

First printed Nov. 26, 1862.

Plate No. 100 G².

First delivered to Dep't. Dec. 1, 1862. No. of stamps per sheet 90.

Size and design the same as for the other one dollar values, excepting that the lower label is inscribed "LIFE INSURANCE;" no stars.

The total number issued up to April 30, 1864, was 10,391, and evidence points to there having been an imperforate supply of 942 in the vault.



THE \$1.00 MANIFEST.

First printed Oct. 31, 1862.

Plate No. 100 S.

First delivered to Dep't. Nov. 26, 1862. No. of stamps per sheets 90.

Size and design the same as for the other one dollar values, excepting that the lower label inscribed "MANIFEST"; there are three stars at each end of the label.

The total number issued up to April 30, 1864, was 37,433, and evidence points to there having been an imperforate supply of 11,866, less 476 "returned for perforation," or 11,390.

A proof of this stamp was sent to Washington for approval Oct. 13, 1862.

THE \$1.00 MORTGAGE.

First printed Nov. 26, 1862.

Plate No. 100 T.

First delivered to Dep't. Dec. 4, 1862. No. of stamps per sheet 90.

Size and design the same as for the other one dollar values, excepting that the lower label is inscribed "MORTGAGE"; one star at each end of label.

The total number issued up to April 30, 1864, was 112,334, and evidence points to there having been an imperforate supply of 5,808, less 12 "returned for perforation," or 5,796.

THE \$1.00 PASSAGE TICKET.

First printed Nov. 25, 1862.

Plate No. 100 U.

First delivered to Dep't. Dec. 11, 1862. No. of stamps per sheet 90.

Size and design the same as for the other one dollar values, excepting that the lower label is inscribed "PASSAGE TICKET"; no stars.

The total number issued up to April 30, 1864, was 23,021, and evidence points to there having been an imperforate supply of 3,767, less 47 "returned for perforation," or 3,720.

THE \$1.00 POWER OF ATTORNEY.

First printed Nov. 14, 1862.

Plate No. 100 V.

First delivered to Dep't. Dec. 4, 1862. No. of stamps per sheet 90.

Size and design the same as for the other one dollar values, excepting that the lower label is inscribed "POWER OF ATTORNEY"; no stars. A peculiar fact about this inscription is that the P of "OF" is in *Block type*.

The total number issued up to April 30, 1864, was 74,132, and evidence points to an imperforate supply of 25,647, less 1,677 "returned for perforation," or 23,970.



THE \$1.00 PROBATE OF WILL.

First printed Nov. 27, 1862. Plate No. 100 W.
 First delivered to Dep't. Dec. 2, 1862. No. of stamps per sheet 90.

Size and design the same as for the other dollar values, excepting that the lower label is inscribed "PROBATE OF WILL"; no stars.

The total number issued up to April 30, 1864, was 60,561, and evidence points to there having been an imperforate supply of 14,169, less 3,780 "returned for perforation," or 10,389.

THE \$1.00 GENERAL.

There were issued, under this heading, after April 30, 1864, 10,483,052 stamps of this value.

THE \$1.30 FOREIGN EXCHANGE.

First printed March 24, 1863. Plate No. 130 I.
 First delivered to Dep't. April 17, 1863. No. of stamps per sheet 90.

Description :—Size, portrait and central oval the same as in the one dollar value. A curved label, closely following the outline of the central oval, at each side, that at left inscribed "ONE DOLLAR &"; that at right "THIRTY CENTS," in colorless Roman capitals, upon a ground of solid color. Half circle of reticulated lathework above and below, this being separated from the side labels and central oval by an horizontal colorless line. These ornamentations are enclosed at sides by colorless, curved labels, that above, on the left, inscribed "U. S. INTER.," that at right "REVENUE." Below, that on the left is inscribed "FOREIGN," at right "EXCHANGE," all in small, colored, Roman capitals.

In the centre, at the extreme top and bottom, are rectangular labels with truncated corners, bearing the numerals of value, colorless, upon a ground of solid color. In each corner are quarter circles of reticulated ornamentation, the rest of the design being filled in with foliated ornaments and fine horizontal lines. The whole is enclosed in a single lined marginal frame.

The total number issued was 182,787, and evidence points to an imperforate supply of 3,960, less 82 "returned for perforation," or 3,878.

THE \$1.50 INLAND EXCHANGE.

First printed Nov. 13, 1862. Plate No. 150 F.
 First delivered to Dep't. Nov. 26, 1862. No. of stamps per sheet 90.

Size and design the same as for the one dollar and thirty cent value, excepting that the central right hand label is inscribed "FIFTY CENTS,"



the numerals of value are altered to correspond, and the lower left label is inscribed "INLAND."

The total number issued was 1,011,776, and evidence points to there having been an imperforate supply of 80,153, less 10,292 "returned for perforation," or 69,861.

THE \$1.60 FOREIGN EXCHANGE.

First printed March 27, 1863.

Plate No. 160 I.

First delivered to Dep't. April 17, 1863.

No. of stamps per sheet 90.

Size and design the same as for the one dollar and thirty cents, excepting that the right central label is inscribed "SIXTY CENTS" and the numerals of value are altered to correspond.

The total number issued was 64,890, and evidence points to there having been an imperforate supply of 7,110 in the vault.

THE \$1.90 FOREIGN EXCHANGE.

First printed March 24, 1863.

Plate No. 190 I.

First delivered to Dep't. April 17, 1863.

No. of stamps per sheet 90.

Size and design the same as for the one dollar and sixty cents excepting that the right central label is inscribed "NINETY CENTS" and the numerals of value are altered to correspond.

The total number issued was 86,231, and evidence points to there having been an imperforate supply of 9,000 less 312 "returned for perforation," or 8,688.

THE \$2.00 CONVEYANCE.

First printed Dec. 12, 1862.

Plate No. 200 M

First delivered to Dep't. Dec. 18, 1862.

No of stamps per sheet 72.

Description :—Size of engraving 1 3-16 by 1 61-64 inches, 29 1-2 by 49 1-2 mm. Three-quarter face portrait of Washington, after Stuart to right upon an oval disk with a ground of fine and close horizontal and vertical lines. The oval measures 24 by 30mm., and is surrounded by a frame between two colorless lines. This frame contains two labels of solid color with truncated corners; that above inscribed "TWO DOLLARS," that below "CONVEYANCE," in colorless, Roman capitals. At either side, just above the ends of the lower labels, is a small, rather elongated octagonal disk of solid color containing a colorless, five-pointed star. Above these, between them and the lower ends of the upper label, the frame is filled in by fine lines, curved to correspond with its shape, and having, at the centre on each side, a small, colorless oval framed by a colored and a colorless line. Reticulated ornaments above and below. Above, on a straight marginal label of solid



color, "UNITED STATES;" below, in a similar label, "INTER. REVENUE" in colorless, Roman capitals. Colorless numerals of value in each corner upon a foliated ornament. Balance of design filled in with horizontal lines and ornaments.

The total number issued up to April 30, 1864, was 156,289, and evidence points to there having been an imperforate supply of 16,043, less 360 "returned for perforation," or 15,683.

This die was in use Oct. 18, 1870.

THE \$2.00 MORTGAGE.

First printed Dec. 11, 1862.

Plate No. 200 T.

First delivered to Dep't. Dec. 18, 1862. No. of stamps per sheet 72.

Size and design the same as last excepting that the lower label is inscribed "MORTGAGE."

The total number issued up to April 30, 1864, was 44,798, and evidence points to there having been an imperforate supply of 14,234, less 809 "returned for perforation," or 13,425.

THE \$2.00 PROBATE OF WILL.

First printed Jan. 3, 1863.

Plate No. 200 W.

First delivered to Dep't. Jan. 28, 1863. No. of stamps per sheet 72.

Size and design the same as last excepting that the lower label is inscribed "PROBATE OF WILL" and the octagonal disks, containing the stars, at each end of the label are eliminated.

The total number issued up to April 30, 1864, was 25,923, and evidence points to there having been an imperforate supply of 15,148, less 144 "returned for perforation," or 15,004.

THE \$2.00 GENERAL.

After April 30, 1864, there were issued under this heading 2,503,108 stamps of a two dollar value.

THE \$2.50 INLAND EXCHANGE.

First printed April 4, 1863.

Plate No. 250 F.

First delivered to Dep't. April 17, 1863. No. of stamps per sheet 72.

Description :—Size and design the same as in the two dollar values excepting that the frame surrounding the central oval is unbroken by any ornaments, entirely of solid color, and inscribed "TWO DOLLARS & FIFTY CENTS" above, "INLAND EXCHANGE" below, the inscriptions being sepa-



rated by numerals of value between two colorless dots at each side. There are no numerals in the corners; those at top being replaced by colorless five-pointed stars, and those at bottom by the letters U and S in colorless Roman capitals.

The total number issued was 984,567, and evidence points to there having been an imperforate supply of 13,536 less 855 "returned for perforation," or 12,681.

THE \$3.00 CHARTER PARTY.

First printed Dec. 1, 1862.

Plate No. 300 D.

First issued to Dep't. Dec. 9, 1862. No. of stamps per sheet 72.

Description :—Size and design the same as for the two dollar values excepting that the upper label is inscribed "THREE DOLLARS" and the numerals of value are changed to correspond. The lower label is inscribed "CHARTER PARTY," and the octagonal disks at the ends of the label are eliminated.

The total number issued up to April 30, 1864, was 25,458, and evidence points to there having been an imperforate supply of 25,852 less 1,953 "returned for perforation," or 23,899.

THE \$3.00 MANIFEST.

First printed Dec. 10, 1862.

Plate No. 300 S.

First delivered to Dep't. Dec. 18, 1862. No. of stamps per sheet 72.

Size and design the same as last excepting that the lower label is inscribed "MANIFEST," and the octagonal disks are present.

The total number issued up to April 30, 1864, was 19,349, and evidence points to there having been an imperforate supply of 15,478 less 1,152 "returned for perforation," or 14,326.

This plate was in use Oct. 18, 1870.

THE \$3.00 GENERAL.

The total number issued under this heading after April 30, 1864, was 836,946.

THE \$3.50 INLAND EXCHANGE.

First printed April 1, 1863.

Plate No. 350 F.

First delivered to Dep't. April 17, 1863. No. of stamps per sheet 72.

Description :—Size and design the same as for the two dollar and fifty cent value excepting that the upper label is inscribed "THREE DOLLARS & FIFTY CENTS," and the numerals of value are altered to correspond.



The total number issued was 180,035, and evidence points to an imperforate supply of 1,800, less 370, "returned for perforation," or 1,430.

THE \$5.00 CHARTER PARTY.

First printed Nov. 22, 1862.

Plate No. 500 D.

First delivered to Dep't. Dec. 9, 1862.

No. of stamps per sheet 72.

Description:—Size of engraving, 59-64 by 2 13-32 inches, or 23 by 61 mm. Three-quarters face portrait of Washington, after Stuart, to left in oval, measuring 18 by 22mm., ground of crossed lines as in other values. Arched label above inscribed "INTER. REVENUE;" similar label below inscribed "CHARTER PARTY," both in colorless, Roman capitals, upon a ground of horizontal lines. In smaller labels, with solid, colored ground, at left side "FIVE," followed and preceded by a dot; at right "DOLLARS," all in colorless, Roman capitals. In ornamental tablet above "U. S.," below, value in letters and numeral, thus "FIVE"; the latter in colorless, block capitals, the former in Roman. Balance of design fine lathework ornamentation enclosed in a single-lined marginal frame.

The total number issued up to April 30, 1864, was 7,889, and evidence points to an imperforate supply of 11,817, less 1,772 "returned for perforation," or 10,045.

The proof of this stamp was forwarded to Washington for approval Oct. 14, 1862.

THE \$5.00 CONVEYANCE.

First printed Nov. 28, 1862.

Plate No. 500 M.

First delivered to Dep't. Dec. 4, 1862.

No. of stamps per sheet 72.

Size and design the same as last, excepting that the lower label is inscribed "CONVEYANCE."

The total number issued up to April 30, 1864, was 89,267, and evidence points to there having been an imperforate supply of 2,931, less 1,008 "returned for perforation," or 1,923.

The plate was in use Oct. 18, 1870.

THE \$5.00 MANIFEST.

First printed Nov. 29, 1862.

Plate No. 500 S.

First delivered to Dep't. Dec. 11, 1862.

No. of stamps per sheet 72.

Size and design the same as last, excepting that the lower label is inscribed "MANIFEST."

The total number issued up to April 30, 1864, was 11,373, and evidence points to there having been an imperforate supply of 3,135, less 112 "returned for perforation," or 3,023.



THE \$5.00 MORTGAGE.

First printed Nov. 28, 1862. Plate No. 500 T.
 First delivered to Dep't. Dec. 11, 1862. No. of stamps per sheet 72.

Size and design the same as last, excepting that the lower label is inscribed "MORTGAGE."

The total number issued up to April 30, 1864, was 24,129, and evidence points to there having been an imperforate supply of 8,136, less 1,008 "returned for perforation," or 7,128.

THE \$5.00 PROBATE OF WILL.

First printed Nov. 29, 1862. Plate No. 500 W.
 First delivered to Dep't. Dec. 11, 1862. No. of stamps per sheet 72.

Size and design the same as last, excepting that the lower label is inscribed "PROBATE OF WILL."

The total number issued up to April 30, 1864, was 12,543, and evidence points to there having been an imperforate supply of 16,367, less 1,112 "returned for perforation," or 15,255.

THE \$5.00 GENERAL.

There were issued under this heading after April 30, 1864, 931,749 stamps of the five dollar value.

THE \$10.00 CHARTER PARTY.

First printed Dec. 4, 1862. Plate No. 1000 D.
 First delivered to Dep't. Dec. 15, 1862. No. of stamps per sheet 72.

Description :—Size and design the same as for the five dollar values, excepting that the left label is inscribed "TEN," and the ornamental tablet below contains only the numerals of value, which are large and ornamental. Lower label inscribed "CHARTER PARTY."

The total number issued up to April 30, 1864, was 4,299, and evidence points to there having been an imperforate supply of 9,767, less 1,780 "returned for perforation," or 7,987.

THE \$10.00 CONVEYANCE.

First printed Dec. 2, 1862. Plate No. 1000 M.
 First delivered to Dep't. Dec. 11, 1862. No. of stamps per sheet 72.

Size and design the same as last, excepting that the lower label is inscribed "CONVEYANCE."

The total number issued up to April 30, 1864, was 32,758, and 1,276 were "returned for perforation."

The plate was in use Oct. 18, 1870.



THE \$10.00 MORTGAGE.

First printed Dec. 3, 1862.

Plate No. 1000 T.

First delivered to Dep't. Dec. 12, 1862. No. of stamps per sheet 72.

Size and design the same as last, excepting that the lower label is inscribed "MORTGAGE."

The total number issued up to April 30, 1864, was 7,007, and evidence points to there having been an imperforate supply of 11,116, less 2,334 "returned for perforation," or 8,782.

THE \$10.00 PROBATE OF WILL.

First printed Dec. 2, 1862.

Plate No. 1000 W.

First delivered to Dep't. Dec. 18, 1862. No. of stamps per sheet 72.

Size and design the same as last, excepting that the lower label is inscribed "PROBATE OF WILL."

The total number issued up to April 30, 1864, was 1,820, and evidence points to an imperforate supply of 1,648, less 792 "returned for perforation," or 856.

THE \$10.00 GENERAL.

There were issued under this heading after April 30, 1864, 257,398 of these stamps.

THE \$15.00 MORTGAGE.

First printed Dec. 10, 1862.

Plate No. 1500 T.

First delivered to Dep't. Dec. 18, 1862. No. of stamps per sheet 54.

Description :—Size of engraving 1 3-16 by 2 7-16 inches, 30 by 61mm. Three-quarters face portrait of Washington, after Stuart, to right upon an oval, with a ground of fine vertical and horizontal lines, measuring 24 by 29mm. On labels following the curve of the oval, at left, "FIFTEEN DOLLARS," at right "MORTGAGE," with a five-pointed star before and after the word; both in colorless, Roman capitals, on a ground of solid color. Above and below, upon a rectangular section of lathe-work, with large, reticulated ornaments at either end, an octagonal tablet, outlined by a colorless line between two finer colored ones, containing large, colorless numerals of value (15) upon a vertically lined ground. Above, in a straight marginal label, "UNITED STATES"; below, in a similar label, "INTER. REVENUE," both in colorless, Roman capitals, upon a solid ground of color. Angles and corners filled in with foliated ornaments; balance of ground horizontally lined.

The total number issued up to Dec. 31, 1869, when it became obsolete, was 18,358, and evidence points to there having been an imperforate supply of 162, less 90 "returned for perforation," or 72.*

*This number is exceeded by specimens known to exist.



THE \$20.00 CONVEYANCE.

First printed Dec. 10, 1862.

Plate No. 2000 M.

First delivered to Dep't. Dec. 18, 1862.

No. of stamps per sheet 54.

Size and design the same as for the fifteen dollar value, excepting that the numerals of value, which are altered to "20," are directly upon the lathe-work, without tablets, and the left hand label is inscribed "TWENTY DOLLARS." The right label is inscribed "CONVEYANCE."

The total number issued up to April 30, 1864, was 19,503, and evidence points to there having been an imperforate supply of 345 in the vaults.

This plate was in use Oct. 18, 1870.

THE \$20.00 PROBATE OF WILL.

First printed Dec. 10, 1862.

Plate No. 2000 W.

First delivered to Dep't. Dec. 19, 1862.

No. of stamps per sheet 54.

Size and design the same as last, excepting that the right hand label is inscribed "PROBATE OF WILL."

The total number issued up to April 30, 1864, was 2,806.

The only evidence in the records of the existence of any imperforates is the fact that "3 were returned for perforation."

THE \$20.00 GENERAL.

After April 30, 1864, there were 48,025 stamps of this value issued.

THE \$25.00 MORTGAGE.

First printed March 31, 1863.

Plate No. 2500 T.

First delivered to Dep't. April 16, 1863.

No. of stamps per sheet 54.

Description :—Size and design the same as for the fifteen dollar value, excepting that the left hand label is inscribed "TWENTY-FIVE DOLLARS"; the numerals, which are altered to correspond with the value, are larger and upon a ground of solid color, and the word "MORTGAGE" is preceded and followed by the figures "25," instead of the stars. The inscriptions in the side labels are also smaller than in the fifteen dollar.

The total number issued was 20,727.

THE \$50.00 U. S. I. R.

First printed May 2, 1863.

Plate No.

First delivered to Dep't. May 15, 1863.

No. of stamps per sheet 54.

Description :—Size and design the same as for the twenty-five dollar value, excepting that *both* side labels are inscribed "FIFTY DOLLARS," and the numerals of value are altered to correspond.



The total number issued was 24,946, and the only evidence shown by the records that any imperforates existed, is an entry in July, 1863, of 2 "returned for perforation."

THE \$200.00 U. S. I. R.

First printed July, 1864.

Plate No.

First delivered to Dep't. July 7, 1864. No. of stamps per sheet 8.

Description :—Size of engraving 2 21-32 by 1 13-32 inches, 64 x 35mm. Three-quarters face portrait of Washington, after Stuart, to right upon the vertical and horizontally lined ground of an oval disk, bordered by a colorless line. An arched label of solid color above inscribed "U. S. INTER. REVENUE." Circular tablets, with lathework, at either side, containing, upon a straight label of solid color, colorless numerals of value. The edge of these tablets is scalloped, and except for the label, they are of reticulated ground. Commencing at each side above the tablets, and curving down and surrounding the central disk below are colored labels inscribed "TWO HUNDRED DOLLARS." The inscriptions are all in colorless, Roman capitals. The groundwork at either side of the central disk is composed of three sections; the upper and lower being reticulated lathe work, and the central portion of horizontal shade lines. The whole is bordered by a broad, reticulated frame.

A model for this stamp was submitted to the Commissioner on May 6, 1864, and approved on May 7th.

According to the records this stamp was first printed on July 20th, 1864, but, as the records of the Sup't. of Perforating show that three sheets were perforated on the 15th and 140 sheets on the 23rd, there must have been an earlier printing.

The total number issued was 6,556, and the records show no indication that any were ever issued imperforate, although, of course, they are well known to be comparatively common in that condition.



SECOND ISSUE.

GENERAL NOTES.

The primary object aimed at when the second issue was decided upon by the Government was to prevent the washing and consequent re-use of the stamps. There is but little doubt that the Treasury lost vast sums of money annually from this cause alone; the correspondence between the Bureau of Internal Revenue and the engravers and printers of the stamps is full of instances where this has been done, or suspected to have been done, and the Bureau was constantly submitting stamps to the engravers and printers with a request that they should "examine them carefully and notify this office whether they are genuine or have been washed and re-used."

This correspondence dates back to very early in the first issue, say about the last of 1863, and many and varied were the devices suggested and tried, but, until the second issue came out, nothing effective was found.

Counterfeiters, too, had to be guarded against; and the same means that proved an effective bar to the washing of a stamp to remove the cancellation was equally effectual in this quarter.

The processes employed to encompass these ends were two in number; first, the printing of a stamp in two or more colors, one or more of which were fugitive, or soluble, in any chemical, whether acid or alkaline, which would remove the cancellation; and, second, the use of a specially prepared paper which would, equally with the soluble ink, be affected by any such chemical.

No better explanation of these processes can be given than is contained in the Letters Patent of the United States issued to cover them, and we therefore insert them here in full, as follows:—

UNITED STATES PATENT OFFICE.

JOHN EARLE AND ALFRED B. STEEL, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 92,593, dated July 13, 1869.

IMPROVEMENT IN PRINTING REVENUE STAMPS, ETC., IN TWO OR MORE COLORS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that we, JOHN EARLE and ALFRED B. STEEL, of Philadelphia, in the State of Pennsylvania, have invented certain new and useful Improvements in the Manner of Producing Revenue-Stamps, Printed in Two or more Colors at



one Operation ; and that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents what we term a female plate ;

Figure 2 represents what we term a male plate ;

Figure 3 represents a "form" for inking the female plate ; and

Figure 4 represents a "form" for inking the male plate.

The object and purpose of our invention are—

First, to attain a process of printing that will secure perfect and unvarying registration of two or more colors at one impression, by means of two or more unlined plates, the surfaces of which are engraved with any designs, in the usual manner of steel or copperplate engraving ; and

Second, to apply this process to the manufacture of printed stamps, such as those used by the United States Government in the Postal and Internal Revenue Departments, by which process they receive great additional security against counterfeiting, by such uniform registration of two or more colors.

The application of our process would afford great protection against the fraudulent reuse of cancelled stamps, by making one or more of the registered colors fugitive, while the remaining color or colors shall, or may be, indelible.

Cancellation, by writing, printing, or cutting with inked edges of stamp-presses, being made obligatory over a certain part of the stamp-top, centre, or bottom, and such designated part being in fugitive color, any attempt to remove the cancellation will be rendered abortive, as that portion of the stamp will at once show, by its impaired character, compared with the balance of the stamp, that it has been tampered with.

The process is equally applicable to bank-notes, bonds, checks, coupons, or certificates, or any other thing requiring exact registration in two or more colors, as to revenue-stamps, and we so propose to apply and use it, and with or without the use of fugitive inks, as may be desired.

To enable others skilled in the art to make and use our invention, we will proceed to describe the same in connection with the accompanying drawings.

A steel or copper plate, A, of proper superficial area and thickness, upon which is engraved such work, and in such places as it may be desirable to print from in any particular color, is prepared, and then this plate is cut entirely through where the blanks are intended to be, as at *a a*, &c., and which space will be occupied by the second or male plate. Pieces of steel or copper are next prepared, and engraved upon, and made to fit precisely the open spaces *a a*, both in superficial area and in thickness. These pieces, *b b*, are then fixed accurately and immovably on a back plate, which we style the male plate B.

The color of the ink used on these pieces *b b* may differ from that used on the plate A.

To print neatly from these plates, "forms" of metal, or other substances, C D are used, and so made as to fill up the blank spaces or places of their respective plates, and even with the surfaces of their plates ; and when said "forms" are laid in position, the plates may be inked in, respectively, with the colors intended to be printed, the "forms" preventing the printer from leaving a mass of ink on the perpendicular sides of each plate.

After the plates are filled in, and wiped, in the usual manner of steel or copperplate printing, the male plate B is laid on the bed or plank of the press. Upon this plate is then adjusted the female plate A, one fitting exactly in the other, and presenting a surface as of one plate, but with different-colored inks. The paper is then placed over them, and, on pulling it through the ordinary roller-printing press, or subjecting it to vertical pressure, a registered impression, of undeviating accuracy of the whole engraving or design, or series of engravings or designs, is invariably obtained ; and every impression must necessarily be a duplicate of its fellows.

Should three colors be required, the same process is applied, leaving in the female plate A the blanks for the third, as well as the second colors ; and a second male plate is prepared in the same manner as the first male plate, B, while the first male plate, B, has blanks cut through it, to admit of the fitting of the second



Earle S. Steele,
Revenue Stamp.

No. 92,593.

Patented July 13, 1869

Fig. 1.

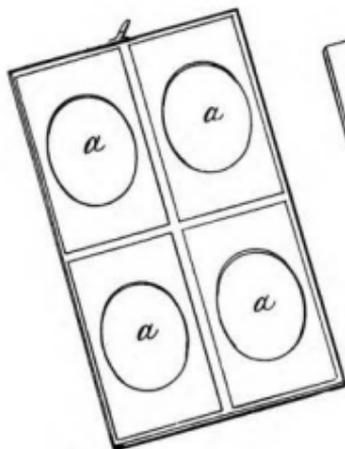


Fig. 2.

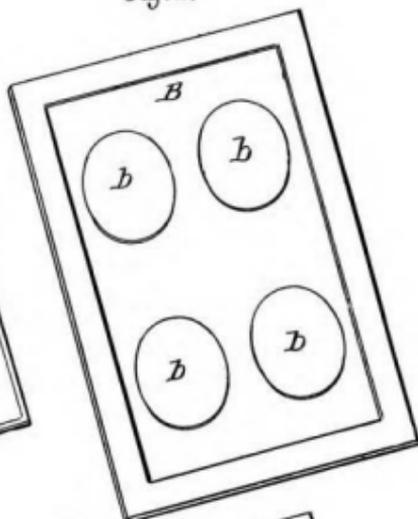


Fig. 3.

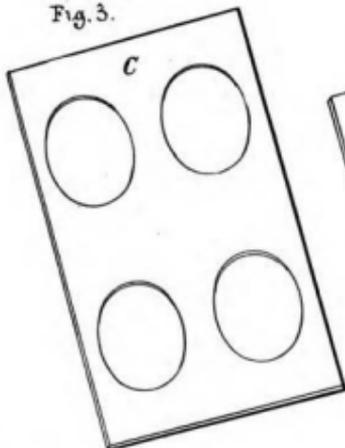
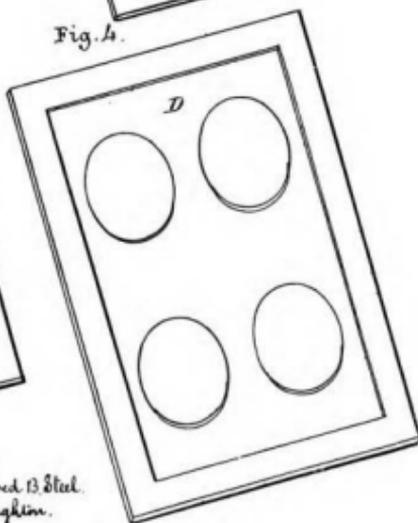


Fig. 4.



Witnesses:
John Earl and Alfred B. Steel
E. W. Pool }
By atty A. D. Sloughlin.



male plate with the first or female plate A. The three plates, having been inked in and wiped on their three separate forms, as above described, are adjusted together, and printed by one impression, producing three perfectly-registered colors.

Having thus fully described our invention,

What we claim therein as new, and desire to secure by Letters Patent, is—

In combination with two or more engraved plates, made and fitted together as described, and from which printing is to be done, by a single impression, in two or more colors, the separately inking of said plates by means of "forms," to prevent their vertical sides or walls from being covered with the ink, or causing blurred impressions, substantially as set forth.

JOHN EARLE,
ALFRED B. STEEL.

Witnesses :

WM. J. DELLEKER,
ALONZO P. RUTHERFORD.

UNITED STATES PATENT OFFICE.

GEORGE T. JONES, OF CINCINNATI, OHIO.

Letters Patent No. 101,020, dated March 22, 1870.

IMPROVEMENT IN THE MANUFACTURE OF REVENUE AND OTHER STAMPS.

The Schedule referred to in these Letters Patent and making part of the same.

I, GEORGE T. JONES, of the city of Cincinnati, in the State of Ohio, bank-note engraver, have invented certain new and useful Improvements in the Manufacture of Internal Revenue, Postage and other Stamps, which improvements are described as follows :

Nature and Objects of the Invention.

My improvements relate to the manufacture of engraved and printed stamps of the kinds demanded by the United States Internal Revenue and the United States Post-Office Department, and all analogous stamps whatsoever, whether for governmental or private need, upon which marks or checks made by the pen with writing-inks, or with printing-ink applied by mechanical means, or with other coloring-matter applied by any suitable means, are prescribed or required by law, or employed in practice, as evidence of their cancellation.

The first object of my improvements is to prevent the fraudulent reuse or subsequent issue of any such stamps after cancellation, by extracting or obliterating the ink or marks used to cancel them.

The second object of my improvements is to furnish an effective check against fraudulent imitations by the usual methods known and employed in counterfeiting.

General Description.

The most important principle of my invention consists in the printing of stamps from separate steel dies or surfaces engraved in relief (or from plates) with two or more kinds of ink of different colors, differing in their chemical nature or composition, whereby the use of an ink of one color, or of a class tested and known as sensitive to, and soluble under the action of alkaline agents, being used in direct relation to and combination with another colored ink, or inks, alike sensitive to the action of acids, the application of either an acid or alkaline agent to the stamps so printed for the purpose of extracting the commercial writing-



inks generally used for cancellation, or of removing the oil-prepared printing-ink affixed by mechanical means for the same object, will so immediately and inevitably deface or remove one or more of the colored inks used upon the stamp that its vitiated and changed condition is so unmistakably apparent as to render it utterly unfit for further use.

The respective devices printed upon the stamps with these different kinds of ink should be so disposed and combined that any cancellation-mark applied to the stamp will be certain to cross parts of both or all such devices, so that the defacement or destruction of the stamp will inevitably result from an attempt to remove the cancellation-mark from any part by any agent.

A part or all of the printing of my improved stamps may be performed upon paper before the same is sized, or when it is but partially sized, and one mode of carrying out the first part of my invention, hereinbefore set forth, consists in printing a portion of the devices or work of the stamp upon unsized or partially sized paper, then applying a size or coating of material readily soluble in alkalies, and afterwards printing upon this surface with an ink soluble in or sensitive to acids or printing with ink soluble in or sensitive to alkalies on a surface of a material readily soluble in acids, so that the use of either an acid or an alkaline agent to remove cancellation-marks from such a stamp will inevitably cause the destruction or defacement of the devices last printed thereon, by the removal of either the ink or the surface on which it is applied.

My invention also includes the introduction and use of inks of the most permanent kinds known, in combination with those inks already referred to as sensitive or soluble, by which means any portions of a stamp that are deemed essential to its specific identity can be so firmly imprinted and incorporated with the texture of the paper that removal cannot be effected without causing obvious and irreparable injury, if not destruction of that fabric.

The foregoing indicates the main object and advantages of my invention in respect to prevention of the reuse of stamps. In this connection I would refer to the hindrance and difficulties presented by my process to some of the various modes and resources usual in counterfeiting as a direct and necessary result from my adaptation and use of the chemically-prepared colored inks, and by which several of the most important aids to fraudulent imitation, such as are inherent to the ordinary methods of engraving and printing stamps, and similar instruments, are essentially defeated and rendered worthless. The usual facilities for softening the single common ink and transferring the same for the purposes of the counterfeit plate are thwarted.

Similar obstacles likewise to imitation by the lithographic mode are also produced, while counterfeiting by the photographic process is rendered virtually impracticable and useless.

As further and effective means of preventing counterfeiting, the stamps proposed by my invention admit of the use of, and should have, the most perfect vignettes and elaborate devices that the skill of the best artists and mechanics can produce.

The new method of color printing from the separate adjustable steel surfaces, or dies, besides affording unusual scope and variety in the choice and use of colors, and insuring completeness in execution, with entire uniformity and accuracy in production, will form a powerful additional warrant against any successful imitations.

In the practical use of my invention I do not purpose or propose any limitation as to the number of inks or colors that may be used upon any stamp, except that sufficient and proper inks shall always form such constituent parts as to demonstrate the action of my improvement for the prevention of reuse of such stamps by the removal of any marks of cancellation which have been put upon it. Nor do I restrict myself to any particular materials or ingredients in the manufacture of the inks.

For the purpose of illustration I subjoin recipes for two inks of different colors, which may be used with good effect in carrying out my invention.

For red ink, take of carmine sixteen parts; magnesia, eight parts; cop-pers, two parts; ammonia, one part.



The above is delicately sensitive to and soluble in acids.
 For purple ink, take of aniline blue sixteen parts; drop lake, sixteen parts; magnesia, eight parts; pearl-ash, one part.
 This ink is readily soluble in alkalies.

Claims.

- The following is claimed as new:
1. A stamp for internal-revenue, postal, or other purposes, printed with two or more inks of different kinds, one of which is sensitive to or soluble under alkaline agents, and another of which is sensitive to or soluble under the action of acids, substantially as and for the purposes set forth.
 2. The printing of stamps for internal-revenue, postal, or other purposes, with two or more inks of different colors, and one or more of them sensitive to or soluble in acids or alkalies, for the object stated.
 3. The combination of one or more fugitive, sensitive, or readily soluble inks, with a more permanent or insoluble ink, substantially as set forth, in the printing of internal-revenue, postage, or other stamps.
 4. The combination of any suitable ink or coloring matter employed in printing internal-revenue, postage, or other stamps, with a surface for printing upon delicately sensitive to the action of chemical agents.
 5. The stamp, made substantially as hereinbefore described, for internal-revenue, postal, or other purposes.

GEO. T. JONES.

Witnesses:

OCTAVIUS KNIGHT,
 WM. H. BRERETON, JR.

UNITED STATES PATENT OFFICE.

JAMES M. WILLCOX, OF GLEN MILLS, PENNSYLVANIA.

IMPROVEMENT IN PAPER FOR BANK NOTES, BONDS, ETC.

Specification forming part of Letters Patent No. 115,005, dated May 16, 1871.

To all whom it may concern:

Be it known that I, JAMES M. WILLCOX, of Glen Mills, in the county of Delaware and State of Pennsylvania, have invented a new and useful Improvement in Chameleon or Combined Sensitive and Special Paper; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same.

My invention has for its object to furnish an improved paper sensitive to the action of acids, alkalies, ammonia, and other chemicals competent to remove ink from paper in such a way as to betray tampering with figures, letters, or designs written, printed, or drawn upon it, and which shall be distinguishable from other paper by the specific effects of different chemicals acting upon two or more different coloring-matters in or upon the paper, for the purpose of guarding against alterations and against the substitution for any purpose of a paper apparently, but not really, similar to the genuine; and it consists in the paper prepared as hereinafter more fully described.

The paper is colored or tinted with two or more coloring or tinting substances, of which at least one color or tint is differently sensitive to some chemicals from one or more of the outer coloring or tinting substances.

The coloring or tinting substances are applied by saturating the paper with



them, or by coloring or tinting its surface, or (which is preferable) by mixing them with the paper pulp before making it into paper.

If desired, one or more of the colors or tints may be in the body of the paper, and one or more upon its surface.

The paper thus prepared is both sensitive and special, and is designed to protect against fraud by both qualities—that is to say, through its sensitiveness it protects against the alteration of a genuine instrument, and through its speciality it protects against the substitution of an imitation for a genuine instrument.

The peculiarity of the speciality is to be determined by the certain different effects of different chemicals upon one or more of the different coloring or tinting substances used, or by the different effect of one chemical upon the different colors or tints in the same paper when said colors or tints may be differently sensitive to that chemical.

To illustrate the subject practically, showing how, by my invention, tertiary colors are obtained or developed, suppose the paper to be tinted with a red color sensitive under an acid, a blue sensitive under an alkali, and a yellow permanent under both. Then, if acid be applied to the paper, the red will be discharged and a green color formed from the union of blue and yellow. On the other hand, if an alkali be used, the blue will be discharged and an orange formed. When this has been done, by using opposite reagents one or the other of the original colors will be made to appear.

Other sensitive papers simply discharge their colors in substantially the same manner when acted upon by different chemical agents for the purpose of protecting a genuine instrument against alteration, without regard to any specific chemical action further than a change of original color or colors, and without regard to any special colors as the result of special chemical agents.

In my improved paper I aim at obtaining special colors as the results of special agents. For example, if the tint is made by combining in the paper-pulp a red color that is sensitive to acids and alkalies, and scarcely at all sensitive to aqua ammonia, and a blue color that is not sensitive to acids, but is sensitive to alkalies and ammonia, and differently sensitive to each, and the paper thus prepared is subjected to acid, alkalies, or ammonia, to discharge a figure, letter, or word, to effect a fraud, or is subjected to any other chemical agent likely to be used for such a purpose, the original tint of the paper will be changed so as to betray the attempt.

This simple result is obtainable with other sensitive papers; but with the sample of my improved paper described above as an example, if the attempt is made with acid the red will be discharged and the paper will become a greenish blue. If the attempt is made with strong alkali, both colors will be discharged and the paper will become whitish. If the attempt is made with a weak alkali, the blue, being more sensitive to its action than the red, will be discharged first, and the paper will become red. Ammonia would likewise discharge the blue and not the red, except under a severe trial. Such results would determine the paper to be a special paper, whose genuineness could be tested by special chemical tests.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A combined sensitive and special paper, prepared substantially in the manner herein described, and for the purposes set forth.

JAMES M. WILLCOX.

Witnesses :

DARWIN PAINTER,
CHARLOTTE S. SHEAFF.

The above will, we think, be a sufficient explanation of our decision to recognize but one paper, i. e., "*chameleon*," in the catalogue of these stamps.

The foregoing also explains the imprints found on the margins of sheets of the stamps of this and the succeeding issue, such as "Willcox's *Chameleon* Paper, Patented May 16, 1871." "Geo. T. Jones' Patent, March 22,



1870 ;" and "Engraved by Jos. R. Carpenter, Philadelphia, Patent July 13, 1869."

Both Messers Earle and Steel had been, and were at the time, engravers in the employ of Mr. Carpenter and it is probable that they sold and assigned their patent to him upon private terms, as no record of it appears on the books.

Beginning with this issue the Government furnishes the paper, which was bought from Mr. Willcox.

The following entry in the Journal shows how Mr. Carpenter acquired the right to use Mr. Jones' patent :

"April 2, 1871.

EXPENSES TO GEO. T. JONES.

In consideration of \$3000.00 per annum, \$2000.00 to be paid this day and \$150.00 a month from the first of July next, the latter makes over all right & control in his patent or interest therein till date of cessation of agreement, July 1, 1873, unless sooner abrogated.	2000.00 "
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The following is an extract from a letter from Mr. Carpenter to Mr. Jones under date of April 28, 1871 :

"I propose and am called on to print the *frames in a permanent ink and the heads in a fugitive, soluble black.*"

These processes, in conjunction with the cut cancellation, now commonly known as the "herring-bone cancellation," made the cleaning and re-use of stamps practically an impossibility and, after their adoption, the correspondence is silent as to the matter.

The first intimation we have that a new, or second, issue is contemplated is in the following letter dated Oct. 27, 1869, from Jos. R. Carpenter to Hon. Geo. S. Boutwell, Secretary of the Treasury :

"I have the honor to submit herewith some impressions in two colors of the small Revenue stamps taken on the ordinary paper from plates hastily prepared by rolls not originally made for the purpose. The result is, however, very satisfactory ; and I am convinced I can meet your wishes perfectly in double colors for all the denominations of the Government General and Proprietary Stamps. I think the accuracy and brilliant effect obtained in the specimens submitted surpass anything of the kind previously attempted and I know that I can much improve thereon.

Stamps thus prepared are beautiful, unique, and striking, fully protected against successful photography and cause double trouble and expense for the attempted counterfeit. I offer to furnish the Internal Revenue Stamps (as in the past) engraved, printed, gummed, perforated, packed and delivered, subject to orders from the Government, at the rate of Thirty (30) cents per thousand stamps for a term of two years, or twenty-eight (28) cents for a term of four years. This is to include work of the best character, preserved in its original value, *printing in two colors of all the Government General and Proprietary Stamps* from the smallest to the largest in size and denomination, on steel plates 12 1-2 by 16 inches (the size now used) so that the number of stamps on the sheet of every denomination shall be the same as is now and has been used since the commencement of the stamp system."



This letter was probably in reply to one from the officials at Washington upon the discovery of the counterfeits of the first issue, as, under date of Washington, D. C., Nov. 6th, 1869, Mr. Carpenter says in a letter to his manager, Mr. E. Lamasure: " * * * The upshot of this will be that I must prepare *new stamps of all the Government dies.* * * * " †

The next item of interest is the following :

"The Commissioner of Internal revenue prescribes the following rules and regulations to be observed by Joseph R. Carpenter Esq., Engraver and Printer of United States Internal Revenue adhesive stamps, and by his employe's, and also by the Agent or Agents of the Government deputed by said Commissioner to superintend the preparation and issue of stamps at the establishment of said Carpenter, in Philadelphia :

I. All stamps the printing of which is, or may be, ordered by the Commissioner of Internal Revenue, shall be printed under the personal inspection and supervision of the Agent of the United States.

II. All dies and plates for printing Revenue Stamps of all kinds and descriptions which are now, or may hereafter be, prepared by said Carpenter, shall be held in the joint custody of the agent of the government and of the said Carpenter, and shall be deposited, when not in actual use, in one or more iron safe or safes, to be kept securely locked, and the keys of said safe or safes shall be divided in such manner between the Agent of the United States and Mr. Carpenter, that neither party may have access to the dies and plates without the knowledge of the other."

"An accurate record shall be kept by the government Agent of all dies and plates, and each shall be so described and numbered as to be easily identified upon examination. When dies and plates are delivered to the printers, receipts shall be taken by the Agent, such receipts may be in the form of numbered tags or checks, or in any such other convenient form as will fully accomplish the object of a receipt."

"III. The paper upon which stamps are to be printed will be under the control and in the custody of the Agent of the government, who, from time to time, shall count and deliver to the said printer employed by said Carpenter, or any employe authorized by said Carpenter, in writing, to receive it in such quantities and kinds as may be required to fill the Commissioner's requisitions for stamps: and the said Agent shall report to the Commissioner daily, the quantity and kind so delivered."

"IV. All stamps printed by said Carpenter, including all stamps and sheets spoiled in his hands, shall be delivered to the Agent of this office, who shall make report thereof to the Commissioner upon such form as said Commissioner may prescribe. The good stamps will be delivered from day to day as required by the Commissioner, and the spoiled stamps and paper monthly, at the end of each month, for shipment to Washington."

"V. The Agent of the government shall superintend the counting, packing, sealing and delivery of all orders for stamps; the said Carpenter furnishing him such assistance as he may reasonably require to carry these rules and regulations into effect; and all stamps on hand and balances remaining over, after filling of orders, shall be properly and securely kept by said Carpenter, and held subject to the orders of the Commissioner of Internal Revenue.

"VI. The Agent of the government shall keep full and accurate records of all his transaction in connection with his agency, in such form that they may be available for future reference and file in this office, and

†See p. 30.



for all paper and stamps issued, delivered, or shipped by said agent, proper receipts will be required for file in this office."

"No person or persons other than the said Carpenter and his employes shall be allowed in the engraving and printing rooms, and persons employed in one branch of the establishment shall not be allowed in any other branch except by joint order or permit of the Agent of the United States, and of said Carpenter and in case of disagreement, by order of the Commissioner of Internal Revenue.

Office Internal Revenue
February 28, 1761.

(signed) A. PLEASANTON.
Commissioner.
W. P. S."

"COPY OF INSTRUCTIONS FOR FORWARDING SPOILED STAMPS
TO THE DEPARTMENT.

Treasury Department.
Washington, May 11, 1871.

Sir:

You will please forward by Adams Express to the address of the Secretary of the Treasury, Currency Division, Washington, D. C. all mutilated, imperfect, or spoiled impressions of Adhesive U. S. Internal Revenue Stamps printed on distinctive paper, or that received from the U. S. Superintendent at Glen Mills, which may accumulate from time to time at your establishment, taking a receipt from Adams Express as a voucher for the (shipment of the same). The acknowledgement and report of count of said Currency Division will be your voucher for final credit on such account."

Very Respectfully

(Signed) GEO. S. BOUTWELL
Secretary of Treasury"

J. R. CARPENTER, Esq.
Philadelphia, Pa.

"COPY OF INSTRUCTIONS FROM TREASURY DEPARTMENT RELATIVE TO
FORMS FOR PAPER COUNTING, ETC.

TREASURY DEP'T.,

WASHINGTON, May 7, 1871.

SIR:—You will please report to the 'Currency Division,' Secretary's Office, the receipts of all paper from the U. S. Superintendent at Glen Mills—the deliveries of same—if perfect, to the Stamp Agent of the Internal Revenue Office, and, if mutilated or imperfect, to the Adams Express as forwarded to the Department at Washington, together in the balances on hand.

Such reports should be daily and comprise all the transactions of the day. An acknowledgement by the Stamp Agent, appended to such reports, that he has received all the paper therein specified as perfect, will be considered a good voucher for full credit of such perfect paper. The receipt and counting of the mutilated paper by the Department will furnish the necessary evidence for final credit thereon. Any discrepancy found in count should be promptly reported, so that the Secretary's Office shall at all times have full information in the premises. The Superintendent of the 'Currency Division' will arrange form of report to be used, and submit the same to you.

Very respectfully,

(signed) GEO. S. BOUTWELL,
Secretary of the Treasury."

J. R. CARPENTER, Esq.
Philadelphia, Pa.



The following correspondence shows that here, as in the first issue, the intention was that a profile head of Washington should be used for the low values: under date of July 12, 1871, Mr. Carpenter wrote as follows to Mr. E. Lamasure:

"I rec'd the paper & proofs sent by Murray and returned by him all the impressions save two on violet paper & the two white blanks. The violet paper overpowers the profile. McGirr will print stamps with the *full face head* until further instructed with regard to the profile head. The profile head is to be used on the *general stamps* of classes 1 & 2: but until instructed by the Government these stamps must remain unprinted. He can go ahead with the higher denominations, all of which have the full head and the proprietary stamps also."

Again, on July 13th, he writes: "A new and unexpected drawback had, however, presented itself in the failure of the soluble ink to print the profile head on the tinted paper. Such stamps as were sent me by McGirr to show how faint is the impression, must, by no possibility, be permitted to leave my establishment. In fact they will not answer at all. Nor do I see how the difficulty is to be overcome unless by re-engraving the head very strong and this will destroy its beauty and delicacy while, after all, the result desired would be but partially attained. Under the circumstances I see but two methods of escape from this unfortunate dilemma, viz: For the Government either to use the full head on all the stamps, General and Proprietary; or to adopt the profile head for the proprietaries only and print these stamps on a white, fibre marked, paper: then the distinctions of head & paper both will characterize the General & Proprietary stamps. If a further distinction between the Proprietary & Private die stamp be required, both being on white paper, the *proprietary* stamps can have a pink fibre introduced instead of the blue now used for Private stamps. In my opinion one or the other of the above changes must be made, and this will interrupt the printing of classes Nos. 1 & 2 of both General & Proprietary stamps until a decision be had."

This matter was finally settled by the adoption of the "full face portrait" for all stamps, as will be seen by the following letter from Mr. Carpenter to Mr. Lamasure dated July 20th:

"The instructions from the Dep't. are to use the *full face head* of Washington for all the *General & Proprietary* heads—doing away with the profile. * * *

It was originally intended to commence the issue of this series on August 1, 1871, but owing in part to delays similar to the above, it was found impossible to do so and the new stamps were first put into use on Sept 2nd. Referring to this matter, Mr. Carpenter, in a letter to Mr. Lamasure dated July 20th, says, " * * * You will commence the deliveries of the new * * * General & Proprietary stamps on the 1st. September. It is directed that I shall continue to deliver the *present stamps* on requisition until exhausted, so that the Government, liable for their payment, may reap the benefit of their manufacture, the object being to cut down the old stamp balance to as small a figure as possible."

On July 22nd, he writes: "With regard to the General and Proprietaries of the new series you cannot deliver them until the first of Sept. and



you must, therefore, continue to fill orders with the present stamps until that period: then make a *sharp close* of the old and continue with the new entirely and alone."

On Aug. 21, 1871, he asks Mr. Lamasure: "Will we be ready to commence deliveries of the new stamps on the 1st prox.? I mean of all denominations save the \$200 and \$5000 stamps?"

Although we are unable to give Mr. Lamasure's reply to the above, the following letter from Mr. Carpenter to J. W. Douglass, Commissioner, dated Sept. 21, 1874, fully answers the question.

"The \$200 documentary stamps of the present series were first issued Nov. 11, 1871: the \$500 stamps Oct. 3, 1871, and all other denominations of the series Sept. 2, 1871."

There are two plate numbers, one for the frame, printed in color, the other for the medallion, printed in black. The numbers, however, are the same in all that we have seen.

THE 1c. VALUE.

Die approved May 6, 1871.

First issued Sept. 2, 1871.

Plate No. 6.

Last issued Feb. 14, 1872.

No. of stamps per sheet 210.

Description:—Size of engraving $19\frac{1}{2}$ by 23mm. Three-quarters face portrait of Washington, after Stuart, to left upon an octagonal disk, colorless except for shading on the lower half, and surrounded by a frame of small rectangles and pearls arranged alternately. Above, in a slightly curved label of solid color, "U. S. INTER. REV." in colorless, Roman capitals. Below, in a short label with rounded ends, "ONE," also in colorless, Roman capitals upon a solid ground. At each side a straight label with rounded ends inscribed "CENT," in colorless Roman capitals upon a solid ground. At either side of, and slightly above, the lower label are colorless numerals of value upon a ground of horizontal lines. This groundwork is enclosed at top, bottom, and outer side by a foliated ornament one branch of which curls up and encircles the end of the lower label while the main stem runs along below the label for a short distance; the stems of the right and left ornament being connected, below the lower label, by two fine lines of color. The ornamentation of the upper corners is very similar and the spaces at sides, between the upper ends of the labels and the ornaments, are filled in with horizontal lines. There is an outer frame of two colorless lines between three fine, colored ones connecting the upper and lower corner ornaments.

We have pursued an uniform method of ascertaining the exact date of cessation of issue of the second series and the total number issued and, as an illustration, we will give it in full in this instance, as follows:

Stock on hand Aug. 31, 1871,	319,830
Stamps issued to Jan. 31, 1872,	292,524
	<hr/>
Balance on hand " " "	27,306



As this balance agrees with that shown by the stock-book, and our figures were taken from the records of the vault and delivery room, we know it to be correct. The stock-book makes no further mention of this balance, but, on February 28th, shows a balance of 618,416, which amount, plus the deliveries in February *in excess of the old balance*, or 23,344, amounts to 641,760, or *the exact number of stamps completed in February*.

This having been worked out and proved it is an easy matter to obtain the exact date on which the old balance was exhausted, and the new, or third series first issued by simply adding together the sums of the daily deliveries until we obtain an amount equal to, or in excess of, the old balance.

Thus, the total number of this value issued was 819,830.

THE 2c. VALUE.

Die approved May 6, 1871.	First issued Sept. 2, 1871.
Plate No. A. 9.	Last issued Nov. 4, 1871.
No. of stamps per sheet 210.	Total No. issued 5,643,070.

Description :—Size and portrait the same as for the one cent. The central disk is framed by an inner, and very fine, colored line outside of which and separated from it by a colorless line, is an outer frame similar to that of the one cent but with ovals substituted for the rectangles. Above "U. S. INTER. REV." in a label with its upper and corner ornaments exactly like the one cent. Below, on a curved ground of solid color, "TWO CENTS." Here, also, the ornamentation is the same as in the one cent excepting that there is no upward curling branch. At each side, upon an upright oval of solid color, a colorless numeral of value. These ovals are ornamented above and below by foliated ornaments and the outer frame consists of small ovals and pearls. All the inscriptions are in colorless Roman Capitals.

THE 3c. VALUE.

Die approved May 6, 1871.	First issued Sept. 2, 1871.
Plate No. 2.	Last issued Aug. 19, 1872.
No. of stamps per sheet 170.	Total No. issued 236,367.

Description :—Size of engraving 20 by 26mm. Portrait the same as in the two cents. Octagonal disk framed by colored lines separated by colorless ones so arranged as to form a small ornament at the centre of each of the four oblique sides. Above, upon a curved label of solid color, "U. S. INTER. REV."; Below, upon a similar label, value in words and numeral, thus: "THREE 3 CENTS." Between these labels and the octagon, and extending part way up and down the sides, is elaborate foliated ornamentation. All this is superimposed upon a rectangular frame with rounded, scroll-like corners, and a ground of fine reticulated lathework. The inscriptions are all in Roman capitals. The whole is enclosed in a marginal line of color.



THE 4c. VALUE.

Die approved May 6, 1871.
 Plate No. 13.
 No. of stamps per sheet 170.

First issued Sept. 2, 1871.
 Last issued Feb. 12, 1872.
 Total No. issued 216,750.

Description.—Size, portrait and frame the same as in the three cent. Above, in a slightly curved label of solid color with foliated ornaments above and below, "U. S. INTERNAL;" below and to left in a similar label, but shorter, "REVENUE." Immediately to right of this and occupying all the space between central disk and outer frame in the left corner, a colorless, upright oval containing colored numeral of value. At left side, on upper portion of frame and unenclosed "FOUR;" at right in similar manner "CENTS." Foliated ornaments below these side inscriptions. All of the inscriptions are in Roman capitals.

THE 5c. VALUE.

Die approved May 6, 1871.
 Plate No. 19.
 No. of stamps per sheet, 170.

First issued Sept. 2, 1871.
 Last issued Dec. 11, 1871.
 Total No. issued 2,572,780.

Description.—Size and design the same as for the four cent excepting that left side inscription is "FIVE," the numeral of value is altered to correspond and the position of the lower label and the disk containing the numeral is reversed, the disk being on the left and the label on the right.

THE 6c. VALUE.

Die approved May 6, 1871.
 Plate No. 15.
 No. of stamps per sheet 170.

First issued Sept. 2, 1871.
 Last issued Jan. 3, 1872.
 Total No. issued 63,580.

Description.—Size, portrait and frame, with its ornamentation, the same as in the five cent. In upper left, and lower right, corners are colorless oval disks containing numerals of value, above, and to the right of oval, "U. S. INT. REV." in rather small Roman capitals upon a curved label of solid color. Below, and to the left of oval, "SIX CENTS" in similar type and label.

THE 10c. VALUE.

Die approved May 6, 1871.
 Plate No. 5.
 No. of stamps per sheet 170.

First issued Sept. 2, 1871.
 Last issued Dec. 8, 1874.
 Total No. issued 4,802,084.

Description.—Size and design the same as for the six cent value excepting that the lower label is inscribed "TEN CENTS," the numerals of value are altered to correspond, and the ovals containing them are reversed, i. e., they are in the upper right and lower left corners.



THE 15c. VALUE.

Die approved May 6, 1871.	First issued Sept. 2, 1871.
Plate No. 10.	Last issued Jan. 31, 1872.
No. of stamps per sheet 170.	Total No. issued 265,880.

Description :—Size and design the same as for the ten cents excepting as regards inscriptions and numerals. The numerals of value are in an oval disk in the upper left corner; label, similar to that in the six cent, immediately to right of it, inscribed "U. S. INTER." Below in a curved label running completely across the stamp, "REVENUE." At left side near the bottom, FIFTEEN; at right "CENTS," as in the four cent value. All inscriptions in colorless Roman capitals.

THE 20c. VALUE.

Die approved May 6, 1871.	First issued Sept. 2, 1871.
Plate No. 11.	Last issued April 8, 1874.
No. of stamps per sheet 170.	Total No. issued 628,761.

Description :—Size and design the same as for the fifteen cent excepting that the left side inscription is "TWENTY," the numerals of value are altered to correspond, and the oval containing them is in the upper right corner instead of the left.

The last issue was *one stamp only* and it was all that was issued in 1874 while only 12 were issued in 1873, all in April.

THE 25c. VALUE.

Die approved May 6, 1871.	First issued Sept. 2, 1871.
Plate No. 21.	Last issued July 2, 1875.
No. of stamps per sheet 102.	Total No. issued 4,672,322.

Description :—Size of engraving 20 by 48½mm. Three-quarters face portrait of Washington, after Stuart, to right upon a colorless, circular disk with very light shade lines at bottom. This is surrounded by a lathework border in the form of a rope and immediately above and below it are rather wide, scroll-like ornaments, curved to follow the outline of the circle, the ends curved in and underterminating in a small ornament. The upper one is divided in the centre by a small ornament and each half contains three, five-pointed stars, outlined and shaded in color, upon a ground shaded by fine lines: the lower is undivided and contains seven stars. Above and below, separated by a slight space of groundwork of vertical lines and a colorless line, are curved labels of solid color, considerably widened in the centre. That above is inscribed, in two lines, "U. S.—INTER. REVENUE;" that below "TWENTY FIVE—CENTS," all in colorless Roman capitals. The rest of the design, both above and below, consists of a ground of vertical lines curved in upon itself at each corner in an ornamental scroll shaded with fine lines. At either side of the "U. S." above and "CENTS" below are colorless numerals of value,



which are placed obliquely and are separated by a shield outlined and shaded with color. Foliated ornaments fill in the spaces between the labels and the numerals and each corner scroll is pierced by a spearhead superimposed upon a corner ornament which completes the general rectangular shape.

This stamp is known perforated by sewing machine and the natural inference to be drawn from that fact is that a sheet or more were issued imperforate by mistake and that the buyer, not wanting the trouble of cutting them apart, simply ran them through a sewing machine, the needle acting as a perforator.

THE 30c. VALUE.

Die approved July 14, 1871.

Plate No. 30.

No. of stamps per sheet 102.

First issued Sept. 2, 1871.

Last issued Jan. 10, 1872.

Total No. issued 118, 520.

Description :—Size and portrait the same as in the twenty-five cent value. The central disk is framed by a band of alternate pearls and rectangles. The rest of the design, except for the labels containing the inscriptions, is almost identical with that of the twenty-five cent only differently arranged. The scroll ornaments containing the numerals of value are here immediately above and below the central oval and, as in the former, separated by the shields. In place of the spearhead a small foliated ornament pierces each of the scrolls. Above and below this are the labels, curved, of solid color, and with slightly rounded ends; the inscriptions are, in one line only, "U. S. INTER. REV." above; and "THIRTY CENTS" below. At top and bottom above and below labels, are the wide, scroll-like ornaments, which, in the twenty-five cent value are between the labels and central disk. Here the upper one is not divided, but contains the six stars, leaving a little more space at the ends. In each corner a ball-like ornament with slight ornamentation extending inwards.

THE 40c. VALUE.

Die approved July 14, 1871.

Plate No. 29.

No. of stamps per sheet 102.

First issued, Sept. 4, 1871.

Last issued Jan. 23, 1872.

Total No. issued 120,972.

Description :—Size and portrait the same as for the thirty cent. Rest of design differing from the thirty cent only in the fact that the frame of the central oval is of open lathework and that the scrolls, which in the thirty cents are just above the numerals of value, are *below them* in this instance and are not pierced by any ornament. Lower label inscribed "FORTY CENTS" and numerals altered to correspond.

THE 50c. VALUE.

Die approved July 14, 1871.

Plate No. 20.

No. of stamps per sheet 85.

First issued Sept. 2, 1871.

Last issued Aug. 13, 1875.

Total No. issued 3,236,101.



Description :—Size of engraving 20 by 55mm. Portrait as in lower values; surrounded by a band of alternate pearls and rectangles. Curved labels of solid color above and below; that above inscribed "U. S. INTER.;" below, "REVENUE" Above and below, upon a vertically lined tablet, colorless numerals of value. This tablet is superimposed upon an irregularly shaped disk, with a ground of vertical lines, which is outlined and elaborately ornamented with colorless lines and engine-turning. At top and bottom, colorless, slightly curved marginal labels; that at top inscribed "FIFTY;" at bottom "CENTS," in colored, Roman capitals. A mace at either side above and below. Balance of design composed of elaborate ornamentation upon a ground of horizontal lines. This ornamentation extends around the ends of the marginal labels so as to give the design a finished appearance.

This stamp is known perforated by sewing machine.

THE 60c. VALUE.

Die approved July 14, 1871.

First issued Sept. 2, 1871.

Plate No. 22.

Last issued Jan. 31, 1872.

No. of stamps per sheet 85.

Total No. issued 72,930.

Description :—Size and portrait the same as in the fifty cents; latter surrounded by a row of alternate ovals and pearls; at sides, near top and bottom of circular disk, small triangles, giving the appearance of the central disk being superimposed upon a square tablet with a ground of vertical lines, and outlined by a heavy, colorless line. Above and below are large, fancy ornaments, somewhat resembling a maltese cross in shape. They are outlined and interiorly ornamented by colorless lines, have a ground of vertical lines and contain ornamental tablets bearing numerals of value, colorless upon a ground of vertical lines. Between their corners and the central disk are five-pointed stars upon a ground of vertical lines. Above, in a slightly curved label of solid color, "U. S. INTER.;" below, in a similar label, "REVENUE:" both in colorless, Roman capitals. At top and bottom, slightly curved, colorless, marginal labels, inscribed, at top, "SIXTY," at bottom "CENTS," in colored, Roman capitals. A double headed mace at either side. Balance of design filled in with vertical lines.

THE 70c. VALUE.

Die approved July 14, 1871.

First issued Sept. 2, 1871.

Plate No. 23.

Last issued Feb. 12, 1872.

No. of stamps per sheet 85.

Total No. issued 95,455.

Description :—Size and portrait the same as in the fifty cents. Balance of design closely resembling it but differing as follows: Central disk enclosed in a series of fine lines bound with ribbon; ribbon-like labels above and below, their ends encircling the maces at sides, and ending in a scroll between the label proper and ornamentation above or below. They are but slightly curved and are inscribed "U. S. INTER." above, "REVENUE" below, in colorless, Roman capitals upon a solid ground. Circular ornamental disks



above and below, containing the colorless numerals of value in an inner circular tablet. Marginal labels above and below, inscribed, at top, "SEVENTY," at bottom "CENTS," in colored, Roman capitals upon a colorless ground. These labels are slightly more curved than in the fifty cents, and the ornamentation in the corners is heavier.

THE \$1.00 VALUE.

Die approved July 14, 1871.

Plate No. 25.

No. of stamps per sheet 90.

First issued Sept. 2, 1871.

Last issued Jan. 3, 1872.

Total number issued 517,950.

Description :—Size of engraving 23 by 49mm. Three-quarters face portrait of Washington, after Stuart, to left in colorless circular disk, measuring 22mm. in diameter and surrounded by a light, fancy border. Above and below a shell-like tablet containing colorless and fancy numerals of value, thus : "\$1:" upon a shaded ground. This is closely surrounded by a circular rope-like border and that, in turn, by a crescent containing slight, colorless ornamentation at its point, with colorless, five-pointed stars at its centre, all upon a ground of fine lines curved to conform to its shape. There are six stars above and seven below. Above, at right, "U. S. INTER.;" at left, "REVENUE," upon curved labels of solid color. Below, in similar labels, "ONE DOLLAR" both at right and left. All in colorless, Roman capitals, upon a ground of solid color. Spaces between central disk, labels, and upper and lower disks contain a trefoil of heavy lines close together upon a ground of rather open, converging lines. The whole is then made into a general rectangular shape by the addition, outside of the labels, of foliated ornamentation.

THE \$1.30 VALUE.

Die approved July 14, 1871.

Plate No. 26.

No. of stamps per sheet 90.

First issued Sept. 2, 1871.

Last issued Aug. 30, 1872.

Total No. issued 12,721.

Description :—Size and portrait the same as in the one dollar. Central disk surrounded by a twisted ribbon. Above this, to the left, a curved label of solid color inscribed "U. S. INTER." Above this label is a shield outlined and shaded in color. Still above this, starting in the upper left corner curving gracefully down until it touches the upper, right border of the central disk, leaving the shield on the left, is another label of solid color inscribed "ONE DOLLAR &"; above and to the right of this is a shell-like tablet, exactly as in the one dollar stamp excepting that it lacks the outer crescent, containing the numerals of value, thus "\$1.³⁰/₁₀₀." The open spaces between labels, shield and tablet, as well as between the central disk and end of label, are filled in with foliated ornamentation, and there is a small ornament in the right corner.

Below the arrangement is identical except that the order is reversed and



the labels differently inscribed. Here the shield is at the right; the tablet containing numerals to left; the short, curved label is at the right and is inscribed "REVENUE;" the longer one starts just below and at left of the central disk and runs to the lower left corner, being inscribed "THIRTY CENTS."

THE \$1.50 VALUE.

Die approved July 14, 1871.

First issued Sept. 2, 1871.

Plate No. 27.

Last issued Aug. 5, 1874.

No. of stamps per sheet 90.

Total No. issued 119,082.

Description:—Size and portrait the same as in the last. Frame to central disk a narrow, fancy band of lathework. Otherwise the design is an exact duplicate of the one dollar and thirty cents excepting that it is reversed; that is, the arrangement of ornaments, labels, etc., forming the *top* of the one dollar and thirty cents is followed for the *bottom* of this value, so that here the label inscribed "U. S. INTER." is at *right* of central disk; that inscribed "ONE DOLLAR &" starts above the left side of central disk and curves *up to the upper right corner*; leaving the shield on the right and the tablet containing the numerals of value " $\$1\frac{50}{100}$," in the *left upper corner*. Below, the label inscribed "REVENUE" is to the *left* of central disk, with the shield below it; while the label inscribed "FIFTY CENTS" starts in the lower left corner, just *below* the shield, curving up and *over the tablet containing numerals of value*, which is in the *lower right corner* and ending just below the central disk on the *right*.

This value is known perforated by sewing machine.

THE \$1.60 VALUE.

Die approved July 14, 1871.

First issued Sept. 2, 1871.

Plate No. 24.

Last issued Sept. 6, 1872.

No. of stamps per sheet 90.

Total No. issued 9,629.

Description:—Size and portrait as in the one dollar and fifty cents. The frame to the central disk consists of alternate elongated ovals and pearls. Just above and below are slightly curved labels, outlined by a colorless line and with a ground of vertical lines; that above contains six, colorless, five-pointed stars in a horizontal line, or nearly so; that below similar, but seven stars. Above and below this are disks, exactly the same as in the last, containing colorless numerals of value, thus, " $\$1\frac{60}{100}$." Starting to the left of this disk and just above the end of the label bearing the stars, is a ribbon-like label of solid color, which curves up and over the disk containing the numerals and then down its opposite side to the other end of the label with the stars. This label has colorless scroll ends, which are continued to the edge of the design on both sides, and is inscribed "U. S. INTERNAL REVENUE." Below is a similar label, curved the reverse of the above, inscribed "ONE DOLLAR & SIXTY CENTS." The remainder of the design is filled in with elaborate foliated and ribbon-like lathework design upon a ground of heavy horizontal lines. Inscriptions in colorless, Roman capitals.



THE \$1.90 VALUE.

Die approved July 14, 1871.

First issued Sept. 2, 1871.

Plate No. 31.

Last issued Sept. 24, 1872.

No. of stamps per sheet 90.

Total No. issued 14,084.

Description :—Size and design as in the one dollar and sixty cents, excepting that the labels containing the stars are here placed at top and bottom, as marginal labels, and have rounded ends finished off by a small globule. The lower label is inscribed "ONE DOLLAR & NINETY CENTS," and the numerals of value are altered to correspond. The lettering is all slightly larger, and the ornamentation somewhat heavier and more elaborate, being entirely foliated, with no ribbon work.

THE \$2.00 VALUE.

Die approved July 14, 1871.

First issued Sept. 2, 1871.

Plate No. 35.

Last issued Jan. 31, 1872.

No. of stamps per sheet 72.

Total No. issued, 177,336.

Description :—Size of engraving 30 by 49mm. Three-quarters face portrait of Washington, after Stuart, to right upon a circular disk, colorless except for light shade lines in its lower half, measuring 22½mm. in diameter, and bordered by a circle of small rectangles and pearls alternated. Above and below is a large shield containing colorless numerals of value: "\$2." Above, starting to left of central disk and curving up to top of shield, is a label of solid color inscribed "U. S. INTER.;" to right, in a similar label, "REVENUE." Below, also in similar label, "TWO DOLLARS" at each side. At either side of central disk, between the ends of upper and lower labels, a small label of solid color inscribed "two." All the above inscriptions are in colorless, Roman capitals. Above and below a bundle of rods bound together near each end by a band containing a small, colorless, five-pointed star. These rods are cut entirely through in the centre by the shields and labels. Above is a marginal, ribbon-like label, with swallow-tail ends, inscribed "E PLURIBUS UNUM" in small, colored, block capitals. Below, a similar label inscribed "U. S. INTERNAL REV." Scroll ornaments at corners, and the remainder of design filled in with very elaborate lathwork patterns, mostly foliated, upon a ground of horizontal lines.

The accounts with this and two dollar and fifty cent stamp are slightly mixed on the books, showing 2500 sheets of the two dollar value printed and 2600 perforated, while for the two dollar and fifty cents they show 1300 sheets printed and but 1200 perforated. The differences, 100 sheets in both cases, offset each other, so that the books of both departments balanced, but after a careful examination of all books, we are convinced that it is a transposition of accounts in the perforating room. This gives us 2500 sheets printed, less 37 spoiled, or 2463.



THE \$2.50 VALUE.

Die approved July 14, 1871.	First issued Sept. 2, 1871.
Plate No. 34.	Last issued Feb. 17, 1872.
No. of stamps per sheet 72.	Total No. issued 85,752.

Description :—Size, portrait and entire lower half of stamp the same as for the two dollar value, excepting that the right label is inscribed "TWO DOLLARS &"; the left, "FIFTY CENTS," the numerals of value are altered to " $\$2\frac{50}{100}$ " and the lower marginal label is inscribed "E PLURIBUS UNUM." At left, in a label of solid color curved to follow the outline of the central disk, "U. S. INTER." at right, in a similar label, "REVENUE." All in colorless, Roman capitals. Above, perched upon a scroll ornament which cuts completely through the frame of the central disk between the upper labels, is a large eagle, facing to left, and with wings partially extended, upon a ground so heavily lined horizontally as to appear to be solid. This ground is in the shape of a vertical rectangle, with slightly rounded top, and enclosed in a fanciful, lightly shaded frame. Remainder of design above practically the same as in the two dollar value, except that the ornamentation is heavier and covers part of the bundle of rods on either side. The corner ornaments above are also different, being in the shape of an upper section of an horizontal rectangle with truncated corners.

THE \$3 VALUE.

Die approved July 14, 1871.	First issued Sept. 2, 1871.
Plate No. 36.	Last issued March 7, 1872.
No. of stamps per sheet 72.	Total No. issued 64,368.

Description :—Size and portrait as in last. The frame surrounding the central disk is broken in the centre above and below. Upper part of design the same as for the two dollars and fifty cents, excepting that the eagle stands upon lightly shaded ground, instead of a scroll. Lower portion the same as upper, excepting that a large shield containing numerals of value, "\$3." replaces the eagle. At sides, upon curved labels of solid color and closely following the outline of the central disk, "U. S. INTER. REVENUE" at left; "THREE DOLLARS" at right, in colorless, Roman capitals.

THE \$3.50 VALUE.

Die approved July 14, 1871.	First issued Sept. 2, 1871.
Plate No. 16.	Last issued April 16, 1873.
No. of stamps per sheet 72.	Total No. issued 20,079.

Description :—Size and portrait the same as for the three dollar value. Central disk surrounded by a pearly border upon a ground of solid color. Above, in a curved label with scroll ends, "U. S. INTER. REVENUE," upon a ground of solid color; below, in a similar label closely following the outline of the central disk, and with plain ends, "THREE DOLLARS & FIFTY CENTS,"



all in colorless, Roman capitals. Above and below, upon an oval disk, with vertically lined ground, "\$3.00." Above is an arch, in imitation of masonry work, composed of thirteen sections, each containing an heavily shaded, five-pointed star, upon a lightly shaded ground. The keystone is capped, and on top of the cap are five small pearls. Above, in each corner, a shield crossed by a ribbon label inscribed "E. PLURIBUS UNUM," in small, black capitals of color. Rest of upper portion composed of foliated ornamentation upon an heavy, vertically lined ground.

Below, a bunch of rods bound together at ends with a band bearing an heavily shaded, five-pointed star, and an extra band just inside the others, also bearing a star. Looped through a foliated ornament at each side, just below the lower label, is a piece of drapery falling in graceful folds down over, and completely covering, the central portion of the bundle of rods; its ends falling straight down at sides behind the ends of the rods and forming the corner ornaments. The curved portion bears eleven heavily shaded, five-pointed stars, and each end piece has three more, all upon a shaded ground. The remaining parts are filled with ornaments as above.

THE \$5.00 VALUE.

Die approved July 14, 1871.

First issued Sept. 2, 1871.

Plate No. 8.

Last issued Jan. 31, 1872.

No. of stamps per sheet 72.

Total No. issued 65,736.

Description :—Size of engraving 23 by 61mm. Three-quarters face portrait of Washington, after Stuart, to left in circular disk, measuring 21½ mm. in diameter, and surrounded by a pearled border. Above and below, large, fancy framed, vertical ovals, with ground of vertical lines, bearing a large shield, containing, in an inner, oval tablet, large, colorless numerals of value (5) upon a vertically lined ground. At sides of these ovals and forming an outer frame to them, curved labels of solid color, that above, to left, inscribed "U. S. INTERNAL"; to right, "REVENUE." Those below are both inscribed "FIVE DOLLARS," all in colorless, Roman capitals. The whole is then made rectangular in shape by the addition at sides of elaborate foliated ornamentation upon a ground of vertical lines.

THE \$10.00 VALUE.

Die approved July 14, 1871.

First issued Sept. 2, 1871,

Plate No. 28.

Last issued Feb. 29, 1872.

No. of stamps per sheet 72.

Total No. issued, 20,880.

Description :—Size and portrait as in five dollar value. Above, in a frame composed of elaborate foliated ornamentation, a shield, of slightly different shape than that of the five dollar stamp, bearing, without enclosure, colorless numerals of value, thus: "\$10." Upper labels as in the five dollar excepting that "REVENUE" has a five-pointed star before and after it. Below, in ornamented disk as at top, an eagle similar to that on the three



dollar stamp. Labels as in the five dollar but inscribed "TEN DOLLARS." Ornamentations similar to the five dollar but on very heavy horizontally lined ground.

THE \$20.00 VALUE.

Die approved July 14, 1871.

Plate No. 33.

No. of stamps per sheet, 54.

First issued Sept. 2, 1871.

Last issued Feb. 26, 1872.

Total No. issued, 3,780.

Description:—Size of engraving 30 by 62½mm. Three-quarters face portrait of Washington, after Stuart, to right upon a circular disk measuring 26 mm. in diameter and surrounded by a pearled border. To left of disk and extending somewhat above it, a river scene in a manufacturing city. At right, in a similar position, a manufacturing scene with cog-wheel and anvil in the foreground. Below, in similar positions, to left a full rigged ship under sail; to right a farming scene with plow and overturned basket of vegetables in the foreground. These are all bordered, except where they impinge on central disk or labels, by a double lined frame. Above, in a deeply curved label of solid color the centre of which touches the frame of the central disk, "U. S. INTER. REVENUE." About this a view of the Capitol at Washington, this is framed by the label below it and a double lined frame above and at corners. Small, globular corner ornaments.

Below, upon a curved label of solid color "TWENTY," with a five-pointed star before and after it. At bottom a marginal ribbon with scroll ends bearing a slightly curved label of solid color inscribed "TWENTY DOLLARS." All inscriptions in colorless, Roman capitals. Between the two lower labels is a disk bearing, upon a vertically lined ground, numerals of value, thus: "\$20." There is a shell between the two lower views, and the remainder of the design is composed of handsome foliated ornaments upon a vertically lined ground.

THE \$25.00 VALUE.

Die approved July 14, 1871.

Plate No. 17.

No. of stamps per sheet 54.

First issued Sept. 2, 1871.

Last issue Nov. 16, 1874.

Total No. issued, 4,300.

Description:—Differs from last only as follows: At top is an eagle with widely extended wings and head turned to right, perched upon a rock in the sea. Its left claw grasps a sheaf of three arrows and its right, which rests upon a shield on its edge on the rock, holds an olive branch. Background of sky with heavy, foliated ornaments to right and left. Below, the label being curved and extending across the stamp, "TWENTY FIVE," a slightly curved, marginal label at bottom inscribed "DOLLARS." Between these two labels is an horizontal oval bearing numerals of value (25) upon a reticulated ground, with foliated ornaments at sides.

Only one stamp was issued in 1874.



THE \$50.00 VALUE.

Die approved July 14, 1871.

First issued, Sept 2, 1871.

Plate No. 32.

Last issued April 30, 1875.

No. of stamps per sheet, 54.

Total No. issued, 4,338.

Description:—Differs from twenty-five dollar value only as follows: The eagle at top appears to be perched upon the top of a mountain, he is turned to right and the wings are only partially extended; the shield and olive branch are there but no arrows. The ornaments in the upper corners differ slightly, being lighter. The oval disk below contains numerals of value as follows: “\$50,” upon a reticulated ground and is framed by a colorless line outside of which is a border of small squares. The upper label below starts at the left side of stamp, about opposite centre of tablet containing numerals, and curves up around said tablet to the opposite side; the lower label starts at left of tablet, just below where the upper one reaches it, and curves down under it and up again, ending at right margin of stamp. Both are inscribed “FIFTY DOLLARS.”

THE \$200.00 VALUE.

Die approved May 6, 1871.

First issued Nov. 11, 1871.

Plate No.

Last issued March 3, 1873.

No. of stamps per sheet 8.

Total No. issued 441.

Description:—Size of engraving $36\frac{1}{2} \times 66\frac{1}{2}$ mm. Three-quarters face portrait of Washington, after Stuart, to right upon a shaded, circular disk, bordered by a band of solid color inscribed “U. S. INTER. REVENUE.” above, and “TWO HUNDRED DOLLARS.” below, in colorless, Roman capitals.

The balance of the design is composed of fine, engine-turned lines, mostly reticulated, formed into irregular patterns, the outlines of which are brought out distinctly by the different colored inks used in printing. In each corner, placed diagonally, is an oval-shaped disk, its edges being serrated. This is red, and encloses a smaller one of blue, the ground of both being of engine-turned lines. Upon these inner disks, above, are “CC”; below “\$200,” in colorless characters. The outer edges of the stamp, between these corner disks, are composed of rather large, six-pointed stars, the points of which are quite blunt and rounded. There are six of these stars at each side and two at the top and bottom; each has a small, similarly shaped star of solid color in its centre. The whole design is surrounded by a fine outer line of color.

THE \$500.00 VALUE.

Die approved May 6, 1871.

First issued Oct. 3, 1871.

Plate No.

Last issued May 26, 1874.

No. of stamps per sheet 8.

Total number issued 204.

Description:—Size of engraving 52×100 mm. Three-quarters face portrait of Washington to right upon a circular disk, bordered by a colored



line, outside of which is a circular frame with scalloped edges, consisting of two concentric sections of intricate lathework, the inner one in red and the outer in green. Above and below this central disk are large, colorless numerals of value (500), which are heavily shaded exteriorly, and bear slight interior shade-lines, upon a ground of lathework which is surrounded by a frame consisting of ten circular disks of reticulated ground, in black, arranged in the form of a circle; outside of this is a two-section frame, the same as that surrounding the central disk. The frame of the central disk, however, cuts completely through the frames of these upper and lower disks at top and bottom, so that at these points only a portion of the black circular disks show. Above and below, closely following the outline of the frames of the numeral disks, are semi-circular labels of solid color, black, inscribed "FIVE HUNDRED DOLLARS" in large, colorless, Roman capitals. At each side, in a similar label and style of lettering, "UNITED STATES" at left, "INTER. REVENUE" at right. The whole is then surrounded with a rectangular frame of intricate, reticulated lathework, in two sections, the inner being green and the outer red, outside of which is a fine line of color, which closely follows the uneven edge of the frame. There are slight ornaments in the corners between the semi-circular labels and the frame, and the other spaces are filled with an horizontally shaded ground, all this being in black.

The following official correspondence will, without doubt, be of interest in this connection, especially as it enables us to give a list of the buyers of each stamp of this denomination:

Telegram from J. W. Douglass, Commissioner, to Jos. R. Carpenter, dated Sept. 27, 1871: "Push forward completion of new five hundred dollars stamp. Urgent demands for it."

The following letter, dated Dec. 10, 1873, from Mr. Carpenter to Mr. Lamasure explains itself:

"The accompanying letters and \$500 stamp inclosed are submitted. You will please look over the \$500 balance to see that it is correct. Also make out a list of parties to whom this denomination has been sent, that we may furnish the Dep't with all data."

"The stamp is genuine. Let Mr. Earle see it and test it *slightly* by oxalic acid, not enough to disfigure. Having made up what information we can furnish please report to me, with Comm'r's. letter and stamp, for further action."

"I presume the list of purchasers of this high denomination is small and will not involve much labor to you. I deem it proper in these cases that the Government should trace up the ownership of such stamps."

"I do not understand exactly why the Comm'r. puts the query: 'is this stamp regularly issued?' Is it possible he has doubt as to its regular issue? or simply wants me to guarantee it as all right? In either case let us prove the matter."

Mr. Carpenter to Isaac Pugh, the Government Agent stationed at Mr. Carpenter's establishment, dated July 24, 1874:

"The following list comprises the names of all the parties to whom



stamps of the denomination of five hundred dollars (\$500) have been issued, together with the number of such stamps furnished to each party, viz :

Thomas Hillhouse, New York City,	Oct. 3, 1871	20	
"	" 7, "	20	
"	Dec. 21, "	6	
"	Jan. 30, 1872	10	
"	Feb. 10, "	8	
"	" 28, "	8	
"	May 9, "	24	
"	June 8, "	8	
		<hr/>	104
Geo. Eyester, Phila.	Feb. 24, 1872	10	
"	Apr. 5, "	10	
"	" 11, "	18	
"	July 24, "	20	
		<hr/>	58
O. J. Hollister, Corrine, Utah,	Oct. 4, 1871	2	
Jay Cooke & Co., Washington,	Apr. 24, 1872	10	
Springfield Savings Bank, Springfield, Ill.	May 20, 1872	1	
Augustus Bradley, New Albany, Ind.	June 8, 1872	9	
Louisville & Nashville R.R. Co. Louisville, Ky.	July 18, 1872	4	
Robert C. Hutchins, New York,	Mch. 3, 1873	15	
A. D. Clark, Macon, Ga.	May 26, 1874	1	
		<hr/>	204



THIRD ISSUE.

GENERAL NOTES.

The stamps of the second issue had hardly made their appearance when complaints began to come in because they were all printed in the same colors and this led to confusion and errors.

The first intimation we have of a change is contained in the following letter from J. W. Douglass, Commissioner to Mr. Carpenter, dated Oct. 13, 1871: "In order to make the distinction between the one cent and two cent general stamps perfectly plain and effectual and thus guard against mistakes in issuing, and using one denomination for the other, you will please hereafter print the two cent stamp with an *orange* border, continuing the *blue* border for the one cent stamp as at present."

This was immediately followed by a letter from Mr. Carpenter to Mr. Lamasure, dated Oct. 14, 1871, as follows:

"Hereafter the 2c. General will be printed with an *orange*, instead of a blue, border. Please let me have a list of the colors wherein the old General and Proprietary were printed to refresh my memory, as it is designed to use individual colors henceforth for the separate denominations, instead of one general blue and green; and I must think over the tints."

On Nov. 3, 1871, Hon. J. W. Douglas writes Mr. Carpenter as follows:

"Enclosed herewith are returned the specimens of general stamps printed in various colors forwarded by you on the 30th ultimo.

"The colors are found satisfactory, with the exception of that in which the one dollar stamps are printed. This color so closely resembles that in which the stamps of the denomination of \$1.30 are printed that it is suggested that the one dollar stamps be printed in green."

The values comprised in this series were the 1, 2, 4, 5, 6, 14, 30, 40, 60, and 70c., \$1.00, \$2.00, \$2.50, \$3.00, \$5.00, \$10.00, and \$20.00. The design was not altered from that of the second series, the same plates being used in fact, and the 3c., 10c., 20c., 25c., 50c., \$1.30, \$1.50, \$1.60, \$1.90, \$3.50, \$25.00, \$50.00, \$200.00, and \$500.00 values of that issue were still retained in their original colors.

The issue itself was of short duration, as, taking effect Oct. 1, 1872, legislation was passed rendering all except the 2c. value obsolete.

The following letter from Mr. Carpenter to Mr. Lamasure, dated Sept. 27, 1872, may prove of interest in this connection:

"On the 1st proximo our documentary stamps (save the 2c.) go out of existence. I presume the Bureau will 'come down' on us for the balance, which we will gladly hand over. Our Sept. account, however, will be made up and forwarded irrespective of the undelivered balance.



You will please say to McGirr that he will have all the documentary plates ready for inspection and destruction by the 1st prox., should the government so wish; and it would be well for the record of Mr. Pugh to be compared with the plates, dies and rolls of the new double printed stamps, so that no delay or confusion may arise at the last moment."

The following was sent to Hon. Geo. B. McCartee, Chief of the Bureau of Engraving and Printing, Washington, D. C., at his request, on Nov. 26, 1872:

"LIST OF DIES, ROLLS AND PLATES IN THE POSSESSION OF JOSEPH R. CARPENTER, PHILADELPHIA, PA., RENDERED USELESS BY ACTS OF CONGRESS ABOLISHING CERTAIN STAMPS FROM OCT. 1ST, 1872.

<i>Dies.</i>		<i>Rolls.</i>	<i>Plates.</i>
Vignette heads,	4	6	33
1c. frames,	1	1	1
3c. "	1	1	1
4c. "	1	1	1
5c. "	1	1	2
6c. "	1	1	1
10c. "	1	1	1
15c. "	1	1	1
20c. "	1	1	1
25c. "	1	1	2
30c. "	1	1	1
40c. "	1	1	1
50c. "	1	1	1
60c. "	1	1	1
70c. "	1	1	1
\$1.00 "	2	2	1
1.30 "	1	2	1
1.50 "	1	3	1
1.60 "	1	1	1
1.90 "	1	1	1
2.00 "	1	2	1
2.50 "	1	2	1
3.00 "	1	2	1
3.50 "	1	3	1
5.00 "	1	2	1
10.00 "	1	1	1
20.00 "	1	2	1
25.00 "	1	3	1
50.00 "	1	2	1
200.00 "	1	4	2
500.00 "	1	6	2
5,000.00 "	1	5	2
Total (subjects),	36	63	69

THE 1c. VALUE.

Change of color approved Nov. 3, 1871.
Plate No. 6.

First issued Feb. 14, 1872.
Last issued Sept. 30, 1872.

Total number issued 164,497.



THE 2c. VALUE

Change of color approved Oct. 13, 1871. First issued Nov. 4, 1871.
 Plate No. A 9. Last issued Oct. 16, 1874.
 Total No. issued 91,861,158.

THE 4c. VALUE

Change of color approved Nov. 3, 1871. First issued Feb. 12, 1872.
 Plate No. 13. Last issued Sept. 24, 1872.
 Total No. issued 120,345.

THE 5c. VALUE

Change of color approved Nov. 3, 1871. First issued Dec. 11, 1871.
 Plate No 19. Last issued July 30, 1875.
 Total number issued 5,453,292.

The last issue was *one stamp only* and was the first since Dec. 1874.

THE 6c. VALUE

Change of color approved Nov. 3, 1871. First issued Jan. 3, 1872.
 Plate No. 15. Last issued Sept. 9, 1872.
 Total No. issued 166,217.

THE 15c. VALUE

Change of color approved Nov. 3, 1871. First issued Jan. 31, 1872.
 Plate No. 10. Last issued Nov. 30, 1874.
 Total No. issued 257,150.

The last issue was *one stamp only*; but four were issued in 1874 and but twenty-one in 1873.

This value exists with the vignette inverted; Three copies being known.

THE 30c. VALUE

Change of color approved Nov. 3, 1871. First issued Jan. 10, 1872.
 Plate No. 30. Last issued Sept. 12, 1873.
 Total No. issued 205,119.

The last issue was *one stamp only*, and it was the first since Sept. 1872.

THE 40c. VALUE

Change of color approved Nov. 3, 1871. First issued Jan. 23, 1872.
 Plate No. 29. Last issued Jan. 20, 1875.
 Total No. issued 156,444.

The last issue was of *one stamp only*, and it was the first since Nov. 1873.



THE 60c. VALUE.

Change of color approved Nov. 3, 1871. First issued Jan. 31, 1872.
 Plate No. 22. Last issued April 1, 1875.

Total No. issued 90,985.

The last issue was of *one stamp only*, and it was the first since Aug. 1872.

THE 70c. VALUE.

Change of color approved Nov. 3, 1871. First issued Feb. 12, 1872.
 Plate No. 23. Last issued April 8, 1874.

Total No. issued 94,409.

The last issue was of *one stamp only*, it being the first since Sept. 1872.

THE \$1.00 VALUE.

Change of color approved Nov. 3, 1871. First issued Jan. 3, 1872.
 Plate No. 25. Last issued July 16, 1875.

Total No. issued 998,800.

THE \$2.00 VALUE.

Change of color approved Nov. 3, 1871. First issued Jan. 31, 1872.
 Plate No. 35. Last issued June 24, 1875.

Total No. issued 223,720.

The last issue was of *two stamps only*.

THE \$2.50 VALUE.

Change of color approved Nov. 3, 1871. First issued Feb. 17, 1872.
 Plate No. 34. Last issued Aug 16, 1873.

Total No. issued 76,466.

THE \$3.00 VALUE.

Change of color approved Nov. 3, 1871. First issued March 7, 1872.
 Plate No. 36. Last issued May 12, 1875.

Total No. issued 56,185.

The last issue was of *one stamp only*; but two were issued in 1875.

THE \$5.00 VALUE.

Change of color approved Nov. 3, 1871. First issued Jan. 31, 1872.
 Plate No. 8. Last issued April 30, 1875.

Total No. issued 76,861.



THE \$10.00 VALUE.

Change of color approved Nov. 3, 1871.	First issued Feb. 29, 1872.
Plate No. 28.	Last issued July 16, 1875.
Total No. issued 22,314.	

THE \$20.00 VALUE.

Change of color approved Nov. 3, 1871.	First issued Feb. 26, 1872.
Plate No. 33.	Last issued July 2, 1875.
Total No. issued 3,994.	

THE \$5000.00 VALUE.

This stamp, though duly approved and the colors designated, was never issued. All the Government blanks, as well as Mr. Carpenter's books, blanks, etc., contained spaces for it, but there was evidently no call for it and the books prove beyond any question that it was never even *printed* except in proof form. The following letter from Mr. Carpenter to Mr. Lamasure, dated July 14, 1872, shows the estimation in which it was held at the time:

"I send you the \$5000 stamp approved in the colors in which it is to be printed in case we have an order for this stamp—a very improbable contingency."



FOURTH ISSUE.

This issue consisted of but one stamp; the two cent of the design of the second and third issues. The only point of difference between it and the third issue two cent lies in the fact that it is printed on green tinted paper.

At the time that the tint of the paper on which the Proprietary stamps, of the series, of 1871-73 was printed was changed, from violet to green, it was not considered worth while to carry a separate stock of violet paper for this stamp alone, and for this reason the change was made.

THE 2c. VALUE.

Plate Nos. A 9; B 9.

First issued Oct. 16, 1874.

Last issued Oct., 1875.

Total No. issued, 44,160,675.



PROPRIETARY STAMPS, 1871-73.

GENERAL NOTES.

These stamps have been pretty well covered in the general notes to the second and third series of general stamps, but a few words in reference to the high values may not prove uninteresting at this time.

The first reference we find to them is the following letter, dated Nov. 29, 1873, from Mr. Carpenter to Mr. Lamasure :

"Your note in reference to Gov't. enquiry concerning the new proprietary plates is rec'd. I have directed Mr. Earle to have proofs taken of the \$5. die at once, that one may be forwarded without delay to the Comm'r."

Under date of Dec. 5, 1873, he writes: "I am much pleased with the new Proprietary Stamps. I return the proofs, and you will please forward them to the Comm'r. for approval."

Under date of Dec. 8, 1873, Hon. J. W. Douglass, Comm'r., writes to Mr. Carpenter as follows :

"I herewith return, approved, the proof impressions of the new proprietary stamps of the denomination of fifty cents, one dollar, and five dollars. The execution of these stamps is creditable to your establishment."

Under date of Feb. 22, 1875, Mr. Carpenter writes Mr. Lamasure as follows :

"The Comm'r. declines to use the General stamps*, on the ground that those now out might be taken off used instruments, washed and re-used on the whiskey stock. There is reason in this; and it is also probable that old stamps on hand for so long a period, as is our general balance, must be very hard and dry, and therefore more readily washed than new issues.

So we must use the Proprietary stamps; and, in view of a large consumption, this is a very serious condition. For example, I receive 23 cents per thousand for stamps completed in all the various operations of printing, gumming and perforating. The \$5.00 Prop'y., printing but 18 to the sheet, costs me for the *printers' wages alone* \$1.03 per thousand stamps."

On Feb. 24, 1875, he writes as follows :

"You will have observed by the papers that there will be no need for the high priced proprietary stamps. The printers will finish what frames have been printed by completing the stamps therefor, but no further new impressions must be taken. What has been printed must pass through in the regular way until delivered to your Department, when they will be carefully examined & packed up, sealed & marked for further action. You

*Referring to documentary stamps of the 2nd and 3rd issues.



will advise Mr. Spencer to stop making other plates, & Mr. Colt will, however, finish these already transferred & deliver then all plates per Mr. Earle to Mr. Pugh for the safe."

Regarding the paper we would say that the violet was the first to be used. The following communications are the earliest to mention the green paper in any way:

Sept. 13, 1874, Mr. Carpenter writes to Mr. Lamasure: "Any reply yet from Washington relative to the new green paper? The sheet is to be returned by the Comm'r."

On Sept. 14th he writes again: "Yours of the 12th at hand with Bureau letter. I think it would be well to have several sheets printed with different frames, so that the Comm'r. may select. If the green tint paper be kept it will never do to adhere to the green frame for the proprietary stamps. Try brown, or other colors as well as green."

Time has proven Mr. Carpenter to have been mistaken, for the green paper was adopted, and the green frame was still kept for the Proprietary stamps.

From an examination of the books we judge that the green paper was first regularly used about Oct. 1, 1874.

THE 1c. VALUE.

Die approved May 6, 1871.

First issued Sept. 2, 1871.

Plate Nos. 1 A, 1 B.

Last issued Oct. 1875.

No. of stamps per sheet 210.

Total No. issued on violet paper, 100,676,957.

" " " " green " 21,764,971.

Description:—Size of engraving 19½ by 23mm. Three-quarters face portrait of Washington, after Stuart, to left in vertical oval, colorless, excepting for light shade lines, and measuring 14½ by 17½mm. Above, a tablet with scrolled top and lined ground, bearing a curved label of solid color inscribed "CENT." At left side, upon a curved ground of solid color bordered outside by shaded pearls and closely following the outline of the central oval, "U. S. INTER. REV."; at right, in a similar manner, "PROPRIETARY." Below, in a label similar to that above, but smaller, "ONE CENT." The inscriptions are all in colorless Roman capitals. In each upper corner is an irregular shaped disk, framed by ornamental work, bearing a colorless numeral of value upon an horizontally lined ground. In each lower corner a shield, so placed that its point forms the corner of the stamp. Seven small pearls below the lower label. Rest of design composed of foliated lathework and ground of heavy lines.

In arriving at the figures, as above given, for the violet and green papers we have followed practically the same course as in separating the second and third issues; viz. We know that after Sept. 30, 1874, all printings were on green paper, and that the stock of those on violet paper which was then on hand was exhausted before the ones on green paper were issued. Knowing the balance of stock of each value on hand at that time, it is an easy task to



simply deduct the amount of said balance from the issues subsequent to that date and place the balance issued to the green paper account.

This gives us accurate figures for the violet paper, and, practically, for those on green paper, though the latter have to be estimated for a short period, owing to the fact that the National Bank Note Co. issued no stamps from these plates, but immediately engraved new ones, heretofore known as the "1878 issue," from which they began to issue stamps early in October, 1875.

Proprietary stamps were issued by the Bureau of Internal Revenue from the balance received from Mr. Carpenter at the expiration of his contract, on Aug. 31, 1875, until the National Bank Note Co. were ready to commence deliveries of the new stamps. The figures for this short period we have had to estimate, and have done so by dividing the total number issued from Sept. 1st, 1871, to Aug. 31, 1875 (a period of exactly four years), by the number of months, or forty-eight, which gives us a very fair average monthly consumption, and multiplying the result thus obtained by the months, and fractions of months, comprising the short period above named.

For example: of the one cent value the actual issue, on all papers, for the four years, was 120,512,798, which divided by forty-eight gives an average monthly issue of 2,510,683. The time elapsing between the termination of Mr. Carpenter's contract, Aug. 31, 1875, and the commencement of the issue of the new stamps, Oct. 6, 1875, is one month and five days, so we multiply 2,510,683 by one and one-sixth, and obtain 2,929,130, which, added to what we actually *know* to have been issued on green paper prior to Aug. 31, 1875, gives us the total number issued on this paper. This, it seems to us, is practically correct: it cannot be very far out of the way, and will certainly answer all purposes. It must be understood that these remarks apply to *all* values of this series below fifty cents.

THE 2c. VALUE.

Die approved May 6, 1871.

Plate No. 3 A.

First issued Sept. 2, 1871.

Last issued Oct. 1875.

No. of stamps per sheet 210.

Total No. issued on violet paper, 34,945,950.

" " " " green " 6,927,148.

Description:—Size and portrait the same as in the one cent. Above, in a curved label of solid color, "U. S. INTER REV." Below, in a curved label closely following the outline of the central oval, "TWO CENTS" upon a heavily lined ground. At bottom a marginal label of solid color inscribed "PROPRIETARY." Above the ends of this label and at each side of that inscribed "TWO CENTS," an irregular tablet bearing a colorless numeral of value upon a ground of crossed lines. At each side lathework ornamentation, in the form of a screw, upon a ground of horizontal lines, upon this, just below upper label on each side, is a shield. The rest of the design is composed of foliated lathework, and all inscriptions are in colorless Roman capitals.



THE 3c. VALUE.

Die approved May 6, 1871.	First issued Sept. 2, 1871.
Plate No. 18.	Last issued
	No. of stamps per sheet 170.
Total No. issued on violet paper, 14,699,800.	
“ “ “ “ green “	2,611,612.

Description :—Size, portrait, and frame the same as in the three cent documentary of the second issue excepting that the portrait is an oval instead of an octagonal disk. Above, in a similar label to the 3c. general excepting that its right end curves slightly upwards, “U. S. INTER. REV.” Just below this label on the right side is a large colorless numeral of value directly upon the background and, below that, “CENTS.” At left, below the foliated ornament, “THREE.” A curved label of solid color below inscribed “PROPRIETARY.” Slight corner ornaments are added. All the inscriptions are in colorless Roman capitals. Foliated ornaments above the upper and below the lower labels.

This value is known perforated by a sewing-machine.

THE 4c. VALUE.

Die approved May 6, 1871.	First issued Sept. 2, 1871.
Plate Nos. 7 A, 7 B.	Last issued
	No. of stamps per sheet 170.
Total No. issued on violet paper, 25,463,009.	
“ “ “ “ green “	4,778,794.

Description :—Differing from the four cent general stamp of the second issue only as follows: The portrait is in an oval, instead of an octagonal, disk; on the left side, just below the upper label, is a colorless numeral of value, unenclosed; the word “FOUR” being just below it; on the right side the foliated ornament is at top, just below the upper label and “CENTS” is below it: At the bottom is a curved label extending completely across the stamp inscribed “PROPRIETARY” in colorless Roman capitals, as are all the inscriptions. Slight corner ornaments have been added.

THE 5c. VALUE.

Die approved May 6, 1871.	First issued Sept. 2, 1871.
Plate No. 14.	Last issued
	No. of stamps per sheet 170.
Total No. issued on violet paper, 548,910.	
“ “ “ “ green “	220,892.

Description :—Differing from the five cent general stamp only as follows :



The upper label is inscribed "U. S. INTER. REV.;" the lower, "PROPRIETARY"; slight corner ornaments are added, and the portrait is in an oval disk instead of an octagonal one.

THE 6c. VALUE.

Die approved May 6, 1871.	First issued Sept. 2, 1871.
Plate No. 12.	Last issued
	No. of stamps per sheet 170.
Total No. issued on violet paper, 1,402,108.	
" " " " " "	538,400.

Description:—Differing from the six cent general stamp only as follows: The portrait is in an oval instead of an octagonal disk. There is no numeral in the upper left corner, the upper label extending way across the stamp and being inscribed "U. S. INTER. REV.;" at the left side directly upon the ground work is "SIX CENTS"; below, also in a label extending across the stamp, "PROPRIETARY"; a large, colorless numeral of value at right just above lower label and unenclosed; slight additional corner ornaments. All the inscriptions are in colorless Roman capitals.

THE 10c. VALUE.

Die approved May 6, 1871.	First issued July, 1873.
Plate No. 4.	Last issued 1881.
	No. of stamps per sheet 170.
Total No. issued on violet paper, 2,060.	
" " " " " "	green "

Description:—Differing from the ten cent general stamp of the second issue only as follows: The portrait is in an oval instead of an octagonal disk: There are no disks containing numerals of value, both the upper and lower labels extending across the stamp and the upper being inscribed "U. S. INTER. REV.;" the lower "PROPRIETARY"; at left, just below the upper label, "TEN"; at right "CENTS"; at left just above lower label, colorless numerals of value, unenclosed, as are also the words "TEN" and "CENTS." Slight corner ornaments have been added and the ornamentation shows trifling changes. All inscriptions in colorless Roman capitals.

The balance of these stamps turned over by Mr. Carpenter to the Bureau of Internal Revenue was 336,082. Presumably they were all on green paper as the violet paper had been discontinued some months previously.

This balance not being exhausted before the adoption of the new design in 1881, neither the Bank Note Co. nor the Bureau of Engraving and Printing ever printed any stamps from this plate.

The result of this fact was that orders for this stamp received after Aug. 31st, 1875 were filled directly from the Bureau of Internal Revenue, whose records, unfortunately, have been destroyed. This makes it impossible for us to state how many were issued upon the green paper.



THE 50c. VALUE.

Die approved Dec. 6, 1873.	First issued, Dec. 19, 1873.
Plate No.	Last issued, Aug., 1875.
No. of stamps per sheet 35.	
Total No. issued on violet paper, 409.	
“ “ “ “ green	“ “ “ “ 247.

Description :—Size of engraving 38 x 74½mm. Three-quarters face portrait of Washington, after Stuart, to right upon an oval disk bordered by a colorless band between two colored lines. Above, in a curved label closely following the outline of the central oval, “U. S. INTER. REVENUE,” in colorless, exteriorly shaded Roman capitals upon a vertically lined ground. Below, in a similar manner, but unenclosed, “PROPRIETARY.” At left in an irregularly shaped label of solid color “FIFTY,” and at the right “CENTS” in colorless Roman capitals. Above and below is a vertically lined ground enclosed, except at the corners, by an elaborate border of foliated ornamentation. Upon this ground, above, is an irregular tablet of rather open reticulated lathework containing an interior label of solid color with a fancy frame, this is inscribed “FIFTY” in large, colorless, fancy letters; below, in a similar manner, “CENTS.” There are circular disks, outlined by a colorless line between two colored ones, in each corner; those above contain large, colorless and exteriorly shaded, numerals of value upon an obliquely lined ground, those below a letter “L” in a similar manner.

THE \$1.00 VALUE.

Die approved Dec. 6, 1873.	First issued Dec. 20, 1873.
Plate No.	Last issued Aug., 1875.
No. of stamps per sheet 35.	
Total No. issued, violet paper, 340.	
“ “ “ “ green	“ “ “ “ 288.

Description :—Size of engraving 38 x 75mm. Three-quarters portrait of Washington, after Stuart, to right upon the shaded ground of an oval disk bordered by a fine line of color and a vertically shaded colorless band. Above, upon a vertically shaded label curved to follow the outline of the central disk “U. S. INTER. REVENUE.” Below, in a similar manner, “PROPRIETARY.” “ONE” upon curved labels with shaded ground in each corner. At the sides, between the ends of the corner labels and those above and below the central oval, are slightly curved labels bearing three, colorless, five-pointed stars upon an horizontally shaded ground. Between the corner labels, at top and bottom, are irregular tablets whose vertically lined ground bears a large, colorless “\$1.00.” The remainder of the space above and below has a reticulated ground upon which, between the curved labels and the tablets containing the numerals of value, is a slightly curved label of solid color with rounded ends inscribed: “DOLLAR.” There is a small, colorless, five-pointed star above the centre of the upper of these two labels. All of the inscriptions are in color-



less Roman capitals; the labels, tablets, etc., are outlined and ornamented with foliated lathework, which is very heavy at the sides; and fancy exterior corner ornaments are added.

THE \$5.00 VALUE.

Die approved Dec. 6, 1873.	First issued Dec. 20, 1873.
No. of stamps per sheet 18.	Last issued July, 1875.
Total No. issued, violet paper, 74.	
" " " green " 50.	

Description :—Size of engraving 61 x 100mm. Three-quarters portrait of Washington, after Stuart, to right upon the shaded ground of an oval disk bordered by a fine line of color and a colorless band lightly shaded vertically. This is enclosed by a rectangular frame, with truncated corners, ornamented by irregular tablets of reticulated ground in each corner and the whole is superimposed upon the reticulated ground of a large, upright oval disk which is slightly depressed at the centre of each side and is bordered by a pearly band. Outside of this and closely following its outline is an horizontally shaded band divided into four labels; that above, at left, inscribed "UNITED"; at right "STATES"; those below, inscribed "INTERNAL" at left; and "REVENUE" at right. These labels are separated at sides by a continuation of the stems of the foliated ornaments which form their outer frame lines, and which, at these points, curve inwards, cross each other, and terminate in foliations at the edge of the rectangular frame of the central disk. They are also separated above by vertically lined, circular disks bearing large, shaded numerals of value, thus: "\$5"; and bordered by an ornamental band. Above, in an arched label with vertically lined ground, "FIVE DOLLARS"; below, in a similar manner, "PROPRIETARY." All of the inscriptions are in large, colorless, Roman capitals; the labels, frame of the central disk, and vertically lined ground at top and bottom, are ornamented with large and elaborate foliated ornaments; and there is a rose at the centre of the rectangular frame above and below and in the depressions at the sides of the stamp where the frames of the labels commence to curve inwards.

CLOSING NOTES.

The following letter from Mr. Carpenter to Mr. Lamasure, dated in Aug. 1875, is interesting as it shows both his bid and the more successful one of the National Bank Note Co., of New York:

"The Co.'s evidently combined to render their lowest bid sure. The National Co. put it at the absurd figure of nine cents. My bid 14.99-100 was for *permanent inks*. I submitted other bids for fugitive inks and believe they will be adopted: so I don't give up the ship yet.

At any rate I am content to lose the contract at 9 cents. * * *

Then comes an itemized statement of the number of each value of general and proprietary stamps turned over to the Government representatives by Mr. Carpenter at the expiration of his contract period, as follows:



" RECEIVED, PHILADELPHIA, PA., AUGUST 31, 1875, OF JOSEPH R. CARPENTER, INTERNAL REVENUE STAMPS AS FOLLOWS, VIZ :

		STAMPS.	
1c.	General	477,263	
2c.	"	7,042,266	
3c.	"	56,373	
4c.	"	128,175	
5c.	"	1,438,672	
6c.	"	49,008	
10c.	"	910,816	
15c.	"	88,800	
20c.	"	84,048	
25c.	"	2,341,394	
30c.	"	76,707	
40c.	"	65,102	
50c.	"	448,144	
60c.	"	59,790	
70c.	"	54,086	
\$1.00	"	210,440	
1.30	"	12,569	
1.50	"	26,357	
1.60	"	51,391	
1.90	"	8,056	
2.00	"	44,726	
2.50	"	48,474	
3.00	"	56,970	
3.50	"	34,856	
5.00	"	34,888	
10.00	"	34,710	
20.00	"	4,348	
25.00	"	5,686	
50.00	"	1,170	
200.00	"	735	
500.00	"	196	
		14,096,211	
Face value,	. . . . .		\$3,252,268 92
1c.	Proprietary	3,068,472	
2c.	"	507,913	
3c.	"	725,521	
4c.	"	1,504,016	
5c.	"	297,403	
6c.	"	218,627	
10c.	"	336,082	
50c.	"	70,249	
\$1.00	"	77,208	
5.00	"	39,458	
		6,839,949	
Face value,	. . . . .		\$493,937 72"
Totals,	. 20,936,160 stamps of a face value of		\$3,746,206 64

The bill for the same follows :



BILL.

"PHILA., Sept. 6, 1875.

U. S. Internal Revenue Bureau,

To Jos. R. Carpenter, Dr.

To Internal Revenue Stamps Delivered to Committee appointed by the
Secretary of the Treasury.

113,861,776 Stamps @ 23 cents	viz:	
	per M,	\$26,188.20
	Received payment."	

The difference between the 20,936,160 stamps on the foregoing list of general & proprietaries turned over and the 113,861,776 called for by the above bill is made up by the balance of the Private Proprietary stamps which were turned over at the same time and amount to 92,925,616.*

*For detailed statement of these stamps see pp. 132-137.



FIFTH ISSUE.

THE 2c. VALUE.

Die approved Sept. 29, 1875.

First issued Oct. 5, 1875.

No. of stamps per sheet 210.

Last issued April 27, 1883.

Total No. issued, silk paper,	} 228,351,869.
Total No. issued, wmk'd. paper,	

Description :—Size of engraving 18 x 22mm. Head of Liberty to left upon the colorless ground of an oval disk bordered by three fine lines of color, a colorless line and, except above, by a beveled edge frame. Above is an arched label of color, its ends terminating in scrolls at the sides, inscribed "U. S. INTER. REV." in colorless, Roman capitals. All this is superimposed upon a shield shaped tablet, with projecting upper corners, framed by a shaded band. The spandrels in the upper corners and the spaces at right and left of the central disk below contain handsome scroll ornamentation. The ground outside the shield at sides and bottom is horizontally lined and at bottom, crossing this ground and the lower part of the shield, is a curved label of color inscribed "TWO CENTS" in colorless, Roman capitals. The two words are separated by a large colorless numeral of value which cuts the label into two parts and there is a colorless dot before and after the word "two."

Plate numbers : 2 and 14.

Exists imperforate and perforate at sides only on silk paper. These have been seen in pairs.

It is impossible to separate the rouletted from the perforated stamps. The Government, regarding them both as *perforated*, kept no separate record of them.



solid color in the upper corners. The lower label, inscribed "THREE CENTS," with a colorless dot before and after it, extends across the whole stamp in a curved line; there is a row of three small, colorless stars above the word "INTER.," and a slight ornament in the depression in the top of the shield.

Plate number: 7.

4c. RED BROWN; AND 4c. RED.

Die approved Sept. 29, 1875.	First issued Nov. 1, 1875.
No. of stamps per sheet 170.	Last issued June 2, 1883.
Total No. issued, silk paper,	} 48,621,245.
Total No. issued, wmk'd. paper,	

Description: — Size and design similar to last. "U. S. INTER. REV." in an arched label above; "PROPRIETARY" in a curved label below; and "FOUR CENTS" in a straight, marginal label at the bottom. There is, also, considerably more ornamentation than in the three cent value.

Plate number: 9.

5c. BLACK.

Die approved Sept. 29, 1875.	First issued Nov. 3, 1875.
No. of stamps per sheet 170.	Last issued May 26, 1883.
Total No. issued, silk paper,	} 2,061,165.
Total No. issued, wmk'd. paper,	

Description: — Size of engraving 20 x 26mm. Design very similar to that of the one cent excepting that here the shield-shaped tablet gives way to one of an upright rectangular shape with projecting upper corners. The inscriptions are the same excepting that the value is altered to "FIVE CENTS."

Plate number: 11.

6c. VIOLET; AND 6c. BLUE.

Die approved Sept. 29, 1875.	First issued Nov. 3, 1875.
No. of stamps per sheet 170.	Last issued May 26, 1883.
Total No. issued, silk paper,	} 5,423,951.
Total No. issued, wmk'd. paper,	

Description: — Size of engraving 20 x 26mm. Design similar to that of the three cent excepting that the tablet has an arched top with large, circular projections, containing the numerals of value, at the corners; the lower corners are more square; there are no stars, their place in the inscribed band, and above it, being filled with horizontal shade lines; the edges of the stamp at sides and bottom are shaded so as to appear beveled; and the inscription, "SIX CENTS," is in a straight label.

Plate number: 13.

PROPRIETARY 1881.

10c. BLUE.

Die approved, Aug. 31, 1881.	
No. of stamps per sheet, 170.	First issued Oct. 21, 1881.
Total No. issued, wmk'd. paper 85,000.*	Last issued March 6, 1883.

*This is the number of stamps delivered to the Commissioner of Internal Revenue.



Description :—Size of engraving, $19\frac{1}{2} \times 26$ mm. Profile bust of Washington to left upon the reticulated ground of an upright oval bordered by a band of solid color between two colorless lines, this band being inscribed "U. S. INTER. REV." above and "PROPRIETARY" below, in colorless capitals, block letters above and Roman below. At sides, separating the inscriptions, are small, colorless, scroll ornaments. Very slightly shaded numerals of value upon the horizontally lined ground of octagonal tablets in the upper corners and, at the bottom, a straight, marginal label, colorless but bearing a panel of solid color inscribed "TEN CENTS" in large, colorless, Roman capitals.

This is made, into an upright rectangle by the addition of a ground of horizontal lines bearing rather elaborate foliated ornaments and the whole is bordered by a fine, outer line of color.

PLAYING CARDS 1894.

2c. LAKE.

No. of stamps per sheet 200. First issued Aug. 23, 1894.
Total No. issued, 13,400,000. Last issued prior to July 1, 1895.

Description :—Size of engraving 18 x 22mm. A central rectangle of color bordered by a colorless and a colored line outside of which is a broad, shaded band with square, projecting corners. The spaces between these corners are heavily shaded, vertically above and below and horizontally at the sides. Across the central rectangle is a hand of four cards the upper corners of the outer ones extending nearly to the edge of the stamp at the sides; across these, in two lines of colored and exteriorly shaded capitals, is "PLAYING CARDS;" the upper line arched, the lower straight. Below, still inside the central rectangle, at left, "ON HAND;" at right "AUG. 1894." These two inscriptions are separated by the upper part of a tall, thin, colorless numeral of value which extends from the lower part of the lined band below to the base of the cards above and across it. Upon the lined ground of the band below, is "TWO CENTS" in colorless Roman capitals. In the upper left corner is "U. S.;" in the right, "I. R." these and the inscription in the central rectangle, are in colorless, block capitals. There is a small ornament between the upper inscriptions.

Plate numbers : 5091, 5098, 5105, 5106, 5108.

2c. ULTRAMARINE.

No. of stamps per sheet 200. First issued Aug. 30, 1894.
Last issued
Total No. issued prior Jan. 1, 1899, 58,700,000.

Description :—Size and design the same as for the last excepting that the inscription at left in the central rectangle is altered to read: "ACT OF." Plate numbers : 5109, 5110.

This has been seen imperforate in a block of four.

The color was changed to cobalt blue in 1898, and at the same time the stamp appeared on watermarked paper. Plate numbers : 5109, 5110.



THE SERIES OF 1898.

GENERAL NOTES.

For this issue, as is well known, we are indebted to the necessity of providing an increased revenue to meet the expenses incident to the late war with Spain.

The act of Congress authorizing the issue is entitled: "*An Act to provide ways and means to meet war expenditures, and for other purposes,*" and was approved June 13, 1898. It is commonly known as "The War Revenue Law of 1898," and, so far as stamp taxes are concerned, became effective July 1, 1898.

The time between the actual passage of the Law and the date set for its taking effect was so short, but seventeen days, that notwithstanding the fact that the Bureau of Engraving and Printing had, in anticipation of its final passage, already commenced work on the dies, rolls, plates, etc., it was utterly impossible to prepare them and distribute the stamps throughout the country so as to meet the demand.

In this emergency recourse was had to the current one and two cent postage stamps and the five dollar newspaper and periodical stamp; these being appropriately surcharged and issued as provisional revenue stamps.

This fact is especially noteworthy inasmuch as it is the first time that the Government of the United States has had occasion to resort to surcharging any of its stamps.

The paper upon which the regular series is printed is ordinary, white wove.

The watermark consists of the letters U. S. I. R. in block capitals, the whole measuring about 16 x 85mm. though the size of the letters varies to a slight degree.

This watermark is repeated three times on the width of the sheet and four times on its length, not allowing quite one letter to a stamp.

The sheets of the low values, both Documentary and Proprietary, as originally issued, contained two hundred stamps; ten rows horizontally by twenty vertically. These sheets were divided by guide lines into four panes of fifty stamps each.

In August, however, this arrangement was altered and all new plates contained two hundred and sixteen stamps to the sheet, consisting of twelve rows horizontally by eighteen vertically.

The sheets of the dollar values contain one hundred and twenty-eight stamps, arranged in sixteen horizontal rows of eight stamps each.

The imprint and plate number appears twice on each sheet, at the top and bottom.

The stamps are rouletted about 5 $\frac{1}{2}$.

Owing to the fact that the only figures we have been able to obtain as to



the number of stamps issued in the first three months, from July 1 to Sept. 30, 1898 inclusive, was in *sheets*, and that these sheets varied, some containing 200 and some 216 stamps, we have been obliged to approximate the numbers to a certain extent and have done so by multiplying the number of sheets by the mean of the sizes, *i. e.* 208. This course has been pursued with all the cents values of both the Documentary and Proprietary issued *excepting the surcharged varieties and the one and seven-eighths and three and three-quarter cents Proprietary and the forty and eighty cent Documentary.*

As all of our figures for the last three months of 1898 have been furnished to us in *stamps* instead of sheets, they are absolutely correct.

It should be borne in mind, however, that these figures are the totals *delivered by the Bureau of Engraving and Printing to the Commissioner of Internal Revenue and not the number of stamps issued by the latter to consumers.*

As it was necessary to make an end somewhere we have decided to bring everything, with the sole exception of the list of plate numbers, to a sharp close with Dec. 31, 1898 and to take cognizance of nothing issued after that date. The plate numbers, however, will be carried on and made as complete as possible up to the time of going to press.

The colors in which the various stamps of this issue are printed vary greatly.

But two designs are used for the entire series of stamps; one for all values below one dollar, and the second for all of the dollar values.

THE 1c. UPON THE 1c. POSTAGE STAMP.

SMALL SURCHARGE.

Total No. issued, all in June 1898, 314,960.

This stamp is surcharged in red with the letters "I.R." in block, or *sans serif*, capitals 6 1-2mm high, upon the regular 1c. green Postage stamp.

The only variety known to exist is in the size and shape of the periods. On ninety stamps out of every pane of one hundred these are upright rectangles measuring 1mm wide by 1 1-2mm high, but on the last, or right vertical row of ten they are square, measuring 1 x 1mm.

This type of surcharge not being deemed large and distinct enough, a change was ordered after the overprinting had been going on for two days and one night.

The following are the plate numbers, T signifying Top; B, bottom; R, right; and L, left:

495, T. R. L.	539, T. R.	544, T. R. L.
584, T. R. L.	540, T. R.	545, T. R. L.
585, T. R. L.	541, T. R.	541, T. R. L.
586, T. R. L.	542, T. R. L.	547, T. R. L.
588, T. R.	543, T. R. L.	548, T. R. L.
		549, T. R. L.



LARGE SURCHARGE.

The total number issued, all in June 1898, was 63,800,000.

In this type, which replaced the first, spoken of above, the surcharge consists of the letters "I. R." in Roman capitals measuring 9mm. in height and proportionately heavier. It, like its predecessor, is printed in red.

In every pane of one hundred stamps the 41st., 46th., 91st., and 96th. stamp have a much smaller period after the "I" than the others. From the uniform position of these small periods we are forced to conclude that they were inserted designedly, or as a control or secret mark. There are but four to a pane and *they are invariably found in the same position*. It will also be noticed that they are the first stamp in the lower row of each block of twenty-five, or, regarding each block of twenty-five as a sheet, they are the twenty-first stamp in said sheet.

Another variety, although it does not occur on all sheets, is a comma after the "I." on the 79th stamp. This, however, we are inclined to regard as merely an imperfect period. This surcharge is also found inverted, and the following plate numbers are known :

439, T. B. R. L.	534, T. B. R. L.	542, T. B. R. L.
440, T. B. R. L.	535, T. B. R. L.	543, T. B. R. L.
493, T. B. R. L.	536, T. B. R. L.	544, T. B. R. L.
494, T. B. R. L.	537, T. B. R. L.	545, T. B. R. L.
495, T. B. R. L.	538, T. B. R. L.	546, T. B. R. L.
496, T. B. R. L.	539, T. B. R. L.	547, T. B. R. L.
526, T. B. L.	540, T. B. R. L.	548, T. B. R. L.
527, B. R. L.	541, T. B. R. L.	549, T. B. R. L.
528, B. R. L.		

The following plate numbers are known with the inverted surcharge :

495, B. L.	535, B. L.	542, T. B. R. L.	544, B. L.
534, B. L.	536, B. L.	543, B. L.	545, B. L.

THE 2c. UPON THE 2c. POSTAGE STAMP.

The total number issued, all in June 1898, was 62,000,000.

This, except that the surcharge is in dark blue, is identical with the last 1c. stamp.

The small periods exist, and in the same places as on the 1c. The "comma" is also found, though here it is after the "R." It is the 43rd stamp in the pane.

It is also found with the surcharge inverted.

The plate numbers are : 475, 480, 481, 482, 483, 484, 485, 487, 501, 502, 503, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 522, 523, 524, 525, 550, 551, 552, 553, 556, 557, 558, 559, 560, 561, 562, 563, 566.

All the plates are known in all four positions excepting No. 525, of which no bottom strip has been found.



The following plates exist with inverted surcharge :

475, T. B. R. L.	510, T. B. R. L.	523, T. B. R. L.
480, B. L.	511, T. B. R. L.	524, T. B. R. L.
481, B. L.	512, T. B. R. L.	551, T. B. R. L.
482, B. L.	513, T. B. R. L.	552, B. L.
483, B. L.	515, B. L.	553, B. L.
501, B. L.	516, B. L.	556, B. L.
502, B. L.	517, B. L.	557, B. L.
503, B. L.	522, B. L.	558, B. L.
505, B. L.		559, B. L.
509, B. L.		

THE \$5.00 UPON THE \$5.00 NEWSPAPER AND PERIODICAL STAMP.

The total number issued all in June and July 1898, was 17,750.

This stamp, the watermarked one, was surcharged vertically in red with the following inscription in three lines of Roman capitals: "INT. REV.—\$5.—DOCUMENTARY."

The upper and lower lines are 3mm high and the second line 4mm; while the whole surcharge measures 26 1-2mm long by 11 1-4mm wide.

It is found reading upwards as well as downward.

The plate number is 137.

THE 1-2c. DOCUMENTARY.

Date of first delivery, July 11, 1898.

Total number issued prior to Jan. 1, 1899, 30,888,000.

Description :— Size of engraving 26 x 19 1-2mm. A second class battleship under full steam upon the shaded ground of a semi-oval disk bordered, except at bottom and for a small space above and immediately in the centre, by curved labels of solid color, the outer frame of which consists of a colorless and a colored line, the former ending in a scroll at the upper ends, and the inner of a row of pearls and a colorless line. These labels are inscribed "UNITED STATES" at left, "INTER. REVENUE" at right and the space between their upper ends is filled in with a heavy colorless line. Below is elaborate foliated ornamentation, just above which, in a straight line, is "SERIES OF 1898." At the bottom upon a heavily lined ground is "DOCUMENTARY." In each of the upper corners are colorless numerals of value and, between them at top "ONE HALF CENT." All of the inscriptions are in colorless, Roman capitals and the ground is horizontally lined, the lines being so deepened in places as to form appropriate shading. Between the numerals of value and the curved labels are triangular ornaments bordered by a heavy colorless line and quite heavily shaded.

This value was first issued in orange but, as this color too closely resembled that of 3-Sc. Proprietary it was very soon changed to a deep gray.



The records not showing how many were printed in the different colors we have been unable to separate them and, therefore, the figures given above as the number issued comprise both colors.

This stamp, in Gray, has been chronicled rouletted vertically only but we have been unable to verify its existence thus.

Plate numbers: Orange, 7971, 7983.

Plate numbers: Gray, 7973, 7983, 7996, 7998, 8236, 8237, 8243, 8244.

THE 1c. DOCUMENTARY.

Date of first delivery, June 22, 1898.

Total number issued prior to Jan. 1, 1899, 212,923,008.

Size and design the same as for the last with value altered.

This stamp is known to occur rouletted vertically only.

Plate numbers: 7977, 7984, 8015, 8017, 8028, 8029, 8035, 8038, 8060, 8062 8066, 8073, 8079, 8080, 8087, 8088, 8242, 8246, 8248, 8249, 9143, 9144, 9150, 9233, 9253, 9255, and 9256.

THE 2c. DOCUMENTARY.

Date of first delivery, June 22, 1898.

Total number issued prior to Jan. 1, 1899, 257,884,800.

Size and design the same as for the last with value altered.

This stamp exists both imperforate and rouletted vertically only.

Some of the first sheets of this value bore neither imprint or plate number; this fact is vouched for by Mr. Holland, as well as several of the employees of the bank, in Brooklyn, N. Y., where the sheet was seen. Whether there was more than one sheet in the lot is unknown, but it was in the first lot that reached New York.

Plate numbers: 7946, 7948, 7954, 7958, 8004, 8005, 8008, 8009, 8011, 8030, 8031, 8041, 8051, 8211, 8218, 8234, 8240, 8666, 8685, 8691, 8693, 8695, 8766, 8796, 8802, 8803, 8810, 8881, 9145, 9232, 9238, 9252, 9254, 9258, and 9266.

THE 3c. DOCUMENTARY.

Date of first delivery, June 26, 1898.

Total number issued prior to Jan. 1, 1899, 7,072,000.

Size and design the same as the last with value altered.

Plate numbers: 8003, 8403, 8585, 8698, 8733.

THE 4c. DOCUMENTARY.

Date of first delivery, June 23, 1898.

Total number issued prior to Jan. 1, 1899, 10,878,800.

Size and design the same as last with value altered.

Plate numbers: 7967, 7975, 8417, 8584, 8594, 8605, 8613.



THE 5c. DOCUMENTARY.

Date of first delivery, June 24, 1898.

Total number issued prior to Jan. 1, 1899, 32,032,000.

Size and design the same as last with value altered.

This value is known to exist rouletted vertically only.

Plate numbers: 7965, 7985, 7995, 8434, 8590, 8823, 8825.

THE 8c. DOCUMENTARY.

This value, although not authorized and, so far, never issued was duly engraved and the following plates made for it: Nos. 7986, 8458, and 8589. It is stated that none of these plates have ever been to press.

THE 10c. DOCUMENTARY.

Date of first delivery, June 24, 1898,

Total number issued prior to Jan. 1, 1899, 17,968,000.

Size and design the same as last with value altered.

This value is known rouletted vertically only as well as imperforate.

Plate numbers: 7987, 8313, 8322, 8549, 8554, 8561, 8563, 9067, 9076, and 9080.

THE 25c. DOCUMENTARY.

Date of first delivery, June 25, 1899.

Total number issued prior to Jan. 1, 1899, 8,840,000.

Size and design the same as last with value altered.

Plate numbers: 7993, 8425, 8581, 8635, 8649, 8668.

THE 40c. DOCUMENTARY.

Date of first delivery, Oct. 1, 1898.

Total number issued prior to Jan. 1, 1899, 2,700,000.

Size and design the same as last with value altered.

Plate numbers: 8345, 8354, 8437, 8440.

THE 50c. DOCUMENTARY.

Date of first delivery, June 25, 1898.

Total number issued prior to Jan. 1, 1899, 9,400,000.

Size and design the same as last with value altered.

Plate numbers: 7990, 8432, 8560, 8565, 8574, 8580, 9081, 9093, and 9099.



THE 80c. DOCUMENTARY.

Date of first delivery, Oct. 8, 1898.

Total number issued prior to Jan. 1, 1899, 2,484,000.

Size and design the same as last with value altered.

Plate numbers : 8438, 8441, 8443, 8445.

THE \$1.00 DOCUMENTARY.

Date of first delivery, June 27, 1898.

Total number issued prior to Jan. 1, 1899, 4,299,000.

Description : — Size of engraving $24\frac{1}{2} \times 35$ mm. A full length figure of Commerce upon the horizontally lined ground of an upright rectangular tablet with an arched top and bordered by a colorless line.

Above, in two curved lines of colorless, block capitals, "U. S. INTERNAL REVENUE." In each upper corner are colorless numerals of value, thus : "\$1" ; both these and the inscription being upon a ground of fine vertical lines. Below, upon a straight label of solid color with fancy ends, "ONE" in lightly shaded Roman capitals and having a small, colorless oval before and after the word. Immediately below this is a second label, shorter than the first, colorless, and with pointed ends ; this is inscribed "DOLLAR," in very heavily shaded Roman capitals.

At each side is a straight, marginal label inscribed "DOCUMENTARY" in large, shaded, block capitals upon a ground of vertical lines. These labels are framed exteriorly by a colorless and a colored line, the former curling over the upper ends in a foliated ornament whose inner end rests upon the arched frame of the inner tablet. The inner and lower frames are formed by the frames of the central disk and the upper lines of the first lower label. The whole is bordered by an outer line of color which leaves no colorless space between it and the rest of the stamp at the top.

Plate number : 8022.

THE \$3.00 DOCUMENTARY.

Date of first delivery, July 18, 1898.

Total number issued prior to Jan. 1, 1899, 768,000.

Size and design the same as last with the value altered excepting that the colorless ovals before and after "THREE" are lacking.

This value exists imperforate vertically.

Plate number : 8043.

THE \$5.00 DOCUMENTARY.

Date of first delivery, July 13, 1898.

Total number issued prior to Jan. 1, 1899, 441,600.

Size and design the same as for the one dollar with value altered.

Plate number : 8048.



THE \$10.00 DOCUMENTARY.

Date of first delivery, June 27, 1898.
 Total number issued prior to Jan. 1, 1899, 539,766.
 Size and design the same as last with value altered.
 Plate number: 8012.

THE \$30.00 DOCUMENTARY.

Date of first delivery, Dec. 2, 1898.
 Total number issued prior to Jan. 1, 1899, 64,000.
 Size and design the same as for the three dollar with value altered.
 Plate number: 8482.

THE \$50.00 DOCUMENTARY.

Date of first delivery, July 9, 1898.
 Total number issued prior to Jan. 1, 1899, 113,408.
 Size and design the same as last with value altered.
 Plate number: 8033.

THE 1-3c. PROPRIETARY.

Date of first delivery, June 22, 1898.
 Total number issued prior to Jan. 1, 1899, 130,057,936.
 Size and design the same as for the cents values of the Documentary stamps excepting that the word "DOCUMENTARY," is replaced by "PROPRIETARY," in slightly smaller lettering.
 This value is known imperforate horizontally.
 Plate numbers: 7960, 7963, 7972, 7976, 8124, 8125, 8135, 8143, 8265, 8274, 8287, 8439, and 8993.

THE 1-4c. PROPRIETARY.

Date of first delivery, June 22, 1898.
 Total number issued prior to Jan. 1, 1899, 94,685,616.
 Size and design the same as last with value altered.
 Plate numbers: 7962, 7981, 7992, 7994, 8104, 8105, 8119, 8120, 8336, 8344, 8346, 8349, 8992, and 8994.

THE 3-5c. PROPRIETARY.

Date of first delivery, June 22, 1898.
 Total number issued prior to Jan. 1, 1899, 61,284,288.
 Size and design the same as last with value altered.
 This value is found imperforate vertically.
 Plate numbers: 7957, 7968, 7979, 7982, 8185, 8197, 8200, 8206.



THE 5-8c. PROPRIETARY.

Date of first delivery, June 22, 1898.

Total number issued prior to Jan. 1, 1899, 163,446,864.

Size and design the same as for last with value altered.

This value is known imperforate horizontally.

Plate numbers: 7964, 7969, 7974, 7978, 8002, 8006, 8024, 8061, 8064, 8068, 8069, 8224, 8225, 8230, 8235, 8330, 8331, 8339, 8340.

THE 1c. PROPRIETARY.

Date of first delivery, June 22, 1898.

Total number issued prior to Jan. 1, 1899, 44,106,192.

Size and design the same as last with value altered.

Plate numbers: 7926, 7928, 7938, 7939, 8055, 8266, 8444, 8446, 8455.

THE 1 1-4c. PROPRIETARY.

Date of first delivery, July 1, 1898.

Total number issued prior to Jan. 1, 1899, 67,072,000.

Size and design the same as last with value altered.

This value has been chronicled imperforate horizontally but we have been unable to verify its existence in this condition.

It varies greatly in color, running from a gray to a deep purple.

Plate numbers: 8019, 8023*, 8044, 8046, 8053, 8058, 8351, 8352, 8353, 8358.

THE 1 7-8c. PROPRIETARY.

Date of first delivery, Oct. 1, 1898.

Total number issued prior to Jan. 1, 1899, 6,588,000.

Size and design the same as last with value altered.

Plate numbers: 8362, 8365, 8370, 8375.

THE 2c. PROPRIETARY.

Date of first delivery, June 22, 1898.

Total number issued prior to Jan. 1, 1899, 86,396,880.

Size and design the same as last with value altered.

Plate numbers, 7945, 7950, 7952, 7956, 8462, 8467, 8473, 8475, 8566, 8567, 8572, 8573.

*This plate was never used.



THE 2 1-2c. PROPRIETARY.

Date of first delivery, July 2, 1898.
Total number issued prior to Jan. 1, 1899, 35,880,000.
Size and design the same as last with value altered.
This value is known imperforate horizontally.
Plate numbers: 8021, 8047, 8054, 8056, 8059.

THE 3 3-4c. PROPRIETARY.

Date of first delivery, Oct. 3, 1898.
Total number issued prior to Jan. 1, 1899, 3,888,000.
Size and design the same as last with value altered.
Plate numbers: 8357, 8359, 8363, 8369.

THE 4c. PROPRIETARY.

Date of first delivery, June 22, 1898.
Total number issued prior to Jan. 1, 1899, 27,200,992.
Size and design the same as last with value altered.
Plate numbers: 7944, 7949, 7953, 7959, 8463, 8468, 8472, 8481, 8493,
8579.

THE 5c. PROPRIETARY.

Date of first delivery, July 1, 1898.
Total number issued prior to Jan. 1, 1899, 7,661,600.
Size and design the same as last with value altered.
Plate numbers: 7999, 8014, 8347, 8456, 8588.



PRIVATE PROPRIETARY STAMPS.

GENERAL NOTES.

The first questions to interest the proprietors of patent medicines, perfumes, cosmetics, etc., were those of the cost of the individual, or private, die, and the additional cost, if any, which they would have to pay for stamps printed from such dies, or plates.

We will first consider the cost of engraving the die, making the plate, etc., which information is easily to be found in the journal of the contractors. At first the price varied considerably, as will be seen by the following examples :

The cheapest was James Swaim's 6c., which cost him \$60.00 ; Dr. D. Jayne & Son paid \$750.00 for their three dies, 1c., 2c., and 4c.; A. B. & D. Sands' 1c. stamp cost them \$150.00 ; as did Wright's Indian Vegetable Pills. Herrick & Co. paid \$150.00 for their first die ; Jeremiah Curtis & Son's 1c. plate cost them \$200.00 ; while Hostetter & Smith paid \$250.00 for their 4c. plate. After June 1, 1863 an uniform price of \$350.00 was charged for all dies with the exception of one or two extra large ones, such as Fred Brown's 2c. which cost him \$400.00 and in some cases where two or more dies were ordered, a slight reduction was made.

Regarding the cost of printing the stamps the following is the first official record we have been able to find. It is a letter, dated Aug. 26, 1862, from Butler & Carpenter to Mr. Sam'l Stanton :

"The writer returned last evening from Washington whither he had been specially called by Gov. Boutwell to settle the question of sizes etc. for patent medicine stamps. * * * The understanding finally definitely settled was that stamps for Proprietary Articles of the superficial area of the largest size of Government stamps, viz : $2\frac{1}{2}$ x $1\frac{1}{2}$ inches should be furnished at the rate of 23c. per M. stamps. If smaller to be proportionately decreased to the regular contracting price for the smallest size, viz : 13 cents ; and, if larger, to be proportionately increased : The proprietors of special plates to meet the increased cost of printing if they exceed the above mentioned largest size."

In other words, whenever the size of a private stamp exceeded the size of the regular Government stamp of the same denomination, Butler & Carpenter were empowered to charge extra for printing and paper at the rate of ten cents per thousand stamps for those of a superficial area of three and one-eighth inches, which, including the perforating margins, was the size of the larger Government stamps.

This extra charge was to be paid by the proprietor of the plate *in addition to the regular contract rate, which was paid by the Government*. They were also authorized to charge the proprietor of the plate *three cents per thousand stamps for perforating*, this slight charge being allowed in consider-



ation of the extra work involved by constantly changing their perforating machinery to fit the many different sizes of stamps.

As an example we give the extra cost per thousand of a few well known stamps :

D. C. Morehead,	1c.	@	2	123-137c.
Wm. Gates,	6c.	"	10	60-137c.
Hostetter & Smith,	6c.	"	9	117-137c.
D. Jayne & Son,	1c.	"	8	9-67c.
"	4c.	"	8	14-137c.
J. Curtis & Son,	2c.	"	6	13-137c.
J. B. Kelley & Co.	4c.	"	10	100-137c.
Brandreth,	1c.	"	1	11-137c.
A. B. Sands & Co.	1c.	"	6	8-37c.
Hutchins & Hillyer,	4c.	"	2	8-10c.
Holloway's Pills	1c.	"	1	4-37c.

" TREASURY DEPARTMENT,
OFFICE OF INTERNAL REVENUE,
WASHINGTON, March 29th, 1876.

Sir:—

Referring to your letters of the 19th ultimo and 9th instant, complaining of the charge made by the National Bank Note Company of New York for extra printing &c. of your private die stamps, I have to inform you, that under the contract with the National Bank Note Company, for the manufacture of all private die stamps, it is provided that the Company shall be permitted to charge to proprietors such rate for the extra printing of private die stamps exceeding in superficial area thirteen sixteenths ($\frac{13}{16}$) of an inch as may be agreed upon between the parties; but in case of disagreement, such rate as the Commissioner may prescribe.

A full consideration has been given to the question, and it has been decided to establish the rate to be paid to the National Bank Note Company for printing, perforating and gumming private die stamps exceeding in superficial area thirteen-sixteenths of an inch at Thirty-two Dollars and fifty cents (\$32.50) per thousand impressions or sheets.

The rate to be paid by the proprietor of a die for stamps of a particular size may be arrived at by deducting from the above amount the amount paid by the Government, which is nine (9) cents per thousand stamps regardless of size.

The rate paid by the Government under the former contract was twenty-three cents per thousand stamps, and under the present contract a saving to the Government of about Fifty-six Thousand Dollars (\$56,000.00) per annum was effected; and proprietors are furnished with handsome steel engraved stamps, answering the purpose of labels, with ample protection against counterfeiting, at as low a rate as the same could be procured from any competent steel engraving establishment.

It should be borne in mind that proprietors may reduce the size of their stamps to thirteen-sixteenths of an inch and thus avoid any expense whatever on account of the preparation of the stamps.

The bills of the National Bank Note Company and Mr. J. R. Carpenter inclosed in your letters are herewith returned to you.

Respectfully
(Signed) D. D. PRATT,
Commissioner."

FREDK. BROWN, ESQ.
PHILADELPHIA, PA.



Now comes the question of discount: Purchasers of the regular Government series of Documentary and Proprietary stamps were allowed a discount of five per cent (5%) provided their purchases at any one time exceeded the sum of five hundred dollars (\$500.00.).

In the cases of proprietors of patent medicines, etc., it was decided that, as an extra inducement for them to have their own dies, they should be allowed a discount of ten per cent. (10%) upon all orders over and above the sum of five hundred dollars. Used in this connection the word "discount," although universally so used, is a misnomer; it should be called "premium" as there was really no discount about it. For example: an order came in for six hundred dollars (\$600.00) worth of stamps from a private die, had it been a *discount* which was allowed it would only have taken *five hundred and forty dollars* (\$540.00) to have paid the bill; but was not the case; a *premium of ten per cent was paid in stamps*, and the person ordering the six hundred dollars worth *received six hundred and sixty dollars* (\$660.00) worth of stamps.

This was the rule until about April 1, 1863, when, without warning, the premium allowed was arbitrarily changed to seven and one-half per cent. (7 1-2%). This is shown by the following letter written by Butler & Carpenter to T. J. Husband on April 11, 1863:

"It would seem that the Department must have adopted a *different rule from its past course*. You seem to have ordered \$501 worth of stamps; but instead of receiving 10% on the am't. you are allowed but 7 1-2%."

A little later another change was made and but five per cent (5%) was allowed on the first five hundred dollars and ten per cent (10%) on all in excess of that amount.

Finally, as will be seen by the following letter from J. R. Lewis, Commissioner of Internal Revenue to Butler & Carpenter, under date of Aug. 10, 1864, the Bureau again altered its rule:

"In filling orders hereafter, of Private Proprietary stamps, ten per cent. is to be allowed on the *whole amount* of the remittance, when more than five hundred dollars is sent at once. As this is a change from the previous custom of this office, I deem it proper that you be apprised of it."

This rule remained in force until April 1, 1870, when it was again changed and but five per cent. was allowed on the first five hundred dollars and ten per cent. on all in excess of that sum.

Again, taking effect Oct. 1, 1870, a change was made and the ten per cent. was allowed on the full amount, provided, of course, that it exceeded five hundred dollars. This rate remained in effect during the rest of Mr. Carpenter's contract period.

During all this time the premium on amounts between one hundred, and five hundred dollars remained uniformly five per cent. On orders of less than one hundred dollars at a time no premium whatever was allowed.

It will be seen from the foregoing that this premium gave the owner of a private stamp a decided pecuniary advantage over those using the Regular Government Proprietary stamp, provided, of course, that he did more than a very small business, and, to this, must be added that of, comparatively



speaking, free advertising, which was limited only by the amount of business which he did.

In ordering stamps from a private die considerable "red-tape" had to be gone through with. The process was as follows: If you wished to order say a thousand dollars worth, you took that amount, in cash or a certified check, to the nearest U. S. Assistant Treasurer or designated Depository for U. S. funds, and deposited it; receiving for it a certificate of deposit in duplicate. Then you ordered the stamps, stating the number and value of each title and denomination wanted, and sent the order, together with the duplicate certificate of deposit, to the Commissioner of Internal Revenue at Washington, D. C. Upon receipt of this the Commissioner made a requisition upon the engravers and printers for the stamps called for and they were sent direct from their establishment to you. If you requested the Commissioner to send them by mail they were franked through, otherwise you had to pay for their transportation by express.

Most of our readers have most probably noticed the fact that while the word "PROPRIETARY" appears on some of the Private die stamps it is not upon them all. In this connection the following correspondence, addressed to the Hon. Geo. S. Boutwell, Commissioner, by Butler & Carpenter, cannot fail to be of interest. The first letter is dated Jan. 9, 1863, and is as follows:

"We have been handed a communication from you lately addressed to E. Ferret, Agent of 'Wright's Indian Vegetable Pills.' In that communication, with reference to an impression of a private stamp submitted by Mr. Ferret, you state that the stamp is approved, *except in that it 'must have the word PROPRIETARY engraved thereon.'*

This decision is totally unexpected to us, and fills us with much anxiety. We fail to find in the printed 'Regulations in regard to stamps for Proprietary Articles' any requisition of the word 'PROPRIETARY' but we are therein required (*vide* Section 8) to engrave 'the name of the article,' which we have done. Moreover, we have submitted many designs for your approval, whereon this word does not appear, and they have always met with your consent. These stamps are nearly all finished in perfect good faith by us. Again: In consequence of one proprietor manufacturing and selling many preparations whose name it would be, perhaps, impossible to put in a desirable or convenient stamp which would thus cover every variety, we addressed you to *permit the use of the word 'PROPRIETARY'* in such cases, thus saving much inconvenience and expense for the proprietor while every wish of the Department would be equally satisfied. To this request you consented; and we have, hence, believed and understood that this word was to be used on a private stamp when that stamp covered an article, medicine, or preparation *whose special name was not engraved thereon.*

Indeed it is difficult to conceive how we could, consistently with the printed 'Regulations,' arrive at any other conclusion. You may readily conceive our anxiety to be informed now, that we have not complied with instructions which we have never received. If you insist on this matter nearly all our private stamps will be a dead loss to us or the proprietors. * * * Have you not, honored Sir, failed to observe that we have engraved 'the name of the Article' on Mr. Ferret's stamp? Indeed, Herrick's stamp, issued months ago, and approved by you, lacks this word 'PROPRIETARY.' We inclose impression thereof. We also inclose impressions of some dies recently finished whereon the word 'PROPRIETARY' does not exist, *but, in every case, you will find 'the name of the article' is engraved.*"



On Jan. 12, 1863, comes the second letter, as follows :

"Your esteemed favor of the 10th inst. is duly rec'd. Be pleased to accept our acknowledgements for your prompt reconsideration and ultimate decision respecting the use of the word "PROPRIETARY" on private stamps."

Comment upon the above is unnecessary.

The following correspondence shows that it was at one time intended to adopt an uniform size and shape for all match stamps, indeed, such a model was actually approved.

The first letter, under date of Oct. 17, 1864, was from the Commissioner J. R. Lewis, to Butler & Carpenter, and follows :

"It will probably be necessary to make some new regulations in regard to the use of match stamps; and you will, therefore, await further instructions from this office before preparing any additional private design for such stamps."

The following, also from Mr. Lewis, is dated Oct. 29, 1864 :

"The idea in reference to stamps for matches is to have the stamps similar in shape to those used for Fahnestock's Vermifuge or Hostetter's Bitters—perhaps a little longer than the former, but not necessarily so long as the latter—in order that they may be attached to the box in such a manner that it cannot be opened without destroying the stamp. If you will furnish a design according to your own taste or the wishes of manufacturers who desire a special plate, and send it to this office for approval, and changes which I may desire to have made can then be suggested."

Under date of Dec. 12, 1864, is the following.—

"I herewith return the model for match stamps with my approval. Be pleased to make the designs of Messrs. A. Beecher & Sons, Cowles & Leete, and any others which you may hereafter prepare, conform in their general features to this model, with such variations as to name, etc. as to render them sufficiently distinctive."

This action brought forth a storm of protest and, on Jan. 6, 1865, Mr. Lewis wrote Mr. Carpenter again as follows :

"Your letters of the 28th ult. and the 3rd. inst., together with the enclosed communication from Messrs. A. Beecher & Sons, were duly received, and have been considered. In view of the considerations urged not only by you but also by various manufacturers of matches, as to the expense and inconvenience of attaching the long private stamps to the boxes, I have decided to rescind the order requiring private stamps for matches to be made in that peculiar form; they may hereafter be made of sizes corresponding to the public Proprietary stamps, but the provision of Section 156 of the Excise law must be strictly conformed to, 'that in all cases where such stamp is used, instead of his or their writing the date thereon, the said stamp shall be so affixed on the box, bottle or package, that in opening the same or using the contents thereof, the said stamp shall be effectually destroyed.'"

The only result of all this was that the engraving of many stamps was delayed for periods varying from three months to as many weeks and, after all was over, things were exactly where they were in the beginning.

Again; in 1867 there was talk of a change, but this time *all* private stamps



were to have been affected, as is shown in a letter from Thomas Harland, Deputy Commissioner of Internal Revenue, to Butler & Carpenter. The letter is dated Nov. 15, 1867 and follows:

"In view of the probabilities of a change in the mode of preparing Revenue stamps it is not deemed advisable at present to approve designs or private dies, as the plates might soon become useless to their owners. * * *

The next communication bearing upon this matter is a letter from Mr. Lamasure to Mr. Carpenter, dated June 18, 1868. It follows:

"We rec'd. a personal application to-day from a N. Y. firm, Messrs. Bauer & Beudel, for a one cent private match die. They have recently been furnished by the Comm'r. with a pamphlet copy of 'Stamp Regulations' wherein a note is made in pencil, referring them here for information as to expense, design, etc., and informing them that: *'designs will be approved only when the parties are willing to assume all risk of change in the tax relating to match stamps.'* Presuming that this statement is new to you might be regarded as something like an official criterion, I thought it important to copy the exact words."

The matter was under consideration for over a year after the date of the above letter and, meanwhile, no designs were approved unless the proprietors assumed all risks as above set forth. What these contemplated changes were is a matter of doubt, as no information respecting the plans of the Department seems to have been given out. However, no change was made; and, on Sept. 17, 1869 Mr. Carpenter wrote to Mr. Chas. W. Chickner, of Somerville, N. J. as follows:

"The Comm'r of Inter. Rev. appears to have abandoned the idea of making any change for the present as he has resumed the consideration of applications for new dies, but has not formally advised us on the subject."

Among the number of applications for private dies during this period, the following, which includes only those whose orders were placed on file up to June 1, 1868, evidently withdrew their orders, as no stamps were ever issued bearing their names:

Date of Order.	Name of Party.	Address.
1867, Dec. 19,	J. R. Clark,	Biddeford, Me.
1868, Jan. 22,	C. Gautier,	Washington, D. C.
" " 24,	S. Brady,	Wheeling, Va.
" Feb. 8,	R. Rockwell,	Colebrook, Ct.
" " 17,	C. F. Pankmin,	Charleston, S. C.
" " 19,	Benedict & Shey,	Cleveland, Ohio.
" " 24,	W. J. Aiken,	Kalamazoo, Mich.
" Meh. 11,	J. F. Thompson & Co.,	Easton, Pa.
" " 14,	C. W. Chickner,	Somerville, N. J.
" " 26,	R. L. Walcott,	New York, N. Y.
" April 2,	R. Seymour,	Milwaukee, Wis.
" May 8,	B. E. Sibley,	Racine, Wis.
" " 8,	C. King,	Topeka, Kas.
" " 14,	W. J. Griffith, M. D.	Harrisonville, Md.
" " 28,	Dr. J. J. Lawrence & Co.,	Baltimore, Md.



The following communications treat of an unique case in the history of the Private Proprietary stamps: that of the so-called "Franklin" Match stamp. It stands as the sole instance in which two or more parties or firms were allowed to use the same stamp at the same time and, as such, is worthy of more than passing interest. The first letter, from E. A. Rollins, Deputy Commissioner to Butler & Carpenter, dated July 21, 1864, follows:

"In reply to the question whether several persons engaged in the same manufacture, shall be allowed to use a private die in common, I would say that I see no objection to such a course. It amounts, in fact to a limited partnership for a specific purpose, and is a matter with which the Government has nothing to do. Nor is it deemed necessary to insist that each person shall be confined to the use of stamps of a particular color, this being left to the choice of the purchaser."

Upon receipt of the above the engraving of the stamp was proceeded with, but, early in August next the Commissioner, Mr. J. R. Lewis, addressed a letter to Butler & Carpenter calling their attention to the fact that the die seemed to be intended for the joint use of three parties, and that such procedure could not be allowed. In reply Messrs. Butler & Carpenter stated the facts in the case, and quoted Mr. Rollins' letter as their authority for having engraved the stamp. This elicited the following letter from Mr. Lewis, dated Aug. 18, 1864:

"So far as permission has been given, under the letter of the Deputy Commissioner of the 21st ult. for different persons to use a private plate in common, that permission will not be withdrawn; but it is deemed, upon consideration, that this principle would open too wide a door for the use of private designs, and in no case in future will a similar privilege be granted. Every manufacturer or proprietor must have a separate and distinct design, as the language of the law is explicit that the design of one proprietor 'shall not be duplicated to any other person.'"

Again: on May 16, 1865, the same gentleman, who first authorized the use of this die in common, Mr. E. A. Rollins, writes as follows:

"It appears that three parties in Philadelphia, Messrs. Zaiss, Daily and Schick, are using match stamps from the same plate, whereas the 156th section of the Excise law declares that the private design of one proprietor 'shall not be duplicated to any other person.' Be good enough to state when this plate was approved, and whether permission was given by the Commissioner that it should be used by different parties, as no such letter can be found in our records."

Needless to say it was no trouble for Butler & Carpenter to put a quietus upon Mr. Rollins in this matter and the subject was dropped for the time being. On March 25, 1872, however, Mr. B. J. Sweet, Acting Commissioner of Internal Revenue, wrote to Mr. Isaac Pugh, the stamp agent at Mr. Carpenter's establishment, as follows:

"My attention has been called to the fact that the private die of Messrs. Zaiss, Daily and Smith, Match Manufacturers of Philadelphia, contains nothing upon its face to indicate its character as a private die stamp excepting



the word "Matches," and nothing whatever to show by what particular proprietor it is used. I have to request you to inform the gentlemen using stamps from such die that it will be necessary for them to cause their names or initials to be placed upon it in such manner that they will appear upon each stamp printed therefrom. I have also to request that if there are any other parties using private die stamps that do not contain their names or initials, you will make a similar requirement in their cases. I will likewise thank you to observe and inform me, in case it should escape the notice of this office at the proper time, that no die which may hereafter be transferred from one proprietor to another shall be used by the party to whom it is transferred until after a suitable alteration of the die has been made by a change of name or initials."

We are in the dark as to just what reply was made to the above, but, whatever it was, it proved effectual. At all events, *no change was made in the die referred to until Nov. 1, 1875.* Furthermore, the second request contained in Mr. Sweet's letter was not lived up to, as many changes in ownership of private dies were made after its receipt and *no change was made in the plate.* We cite, as an example of this, the fact that Alexander's Match stamp was transferred to England & Bell early in 1874 and they continued to use stamps from it, without change of plate in any way, up to Dec., 1875. This is but one case out of many.

With reference to cancellation we find the following rulings. The first, from E. A. Rollins to Butler & Carpenter, is dated July 28, 1864 and follows:

"The mode of cancellation for Match stamps, by type printing, is authorized by this office; and it is believed that this will suffice until the private stamps are ready for delivery."

Again on July 28, 1865, Mr. Rollins writes: "There is no objection to the *cancellation* of private proprietary stamps, if the proprietors prefer it to the mode of affixing specified in the law. The 157th section authorized the Commissioner to require it, if, in his discretion, he deems it proper."

We now come to a most interesting and, unfortunately, mysterious subject, *i. e.* the American Phototype Co., and the stamps printed by it.

This is the concern which printed the J. J. Macklin, the earliest Byam & Carlton wrappers and, probably, the Powell wrapper. All the information which we have been able to find regarding them is embodied in a rather voluminous correspondence over the Byam & Carlton wrappers, but, as the subject is full of interest, it is deemed advisable to give this correspondence in full.

Slight reference is also made to this matter in the special article treating of the Macklin stamp, but, as it has no particular bearing upon it, it is not repeated here.

Butler & Carpenter to J. J. Lewis, Aug. 17, 1864: "Your esteemed communication of the 16th inst. was duly handed us at the moment of our interview with Messrs. Parsons & Carlton.

Under the Proprietary Regulations issued in circular form Jan. 1, 1863, and consequently at a period when the cost of manufacturing stamps was much less than at present, we are entitled to charge at a rate of ten cents extra for stamps of 3 1-8 inches superficial area. Applying this rule to Messrs.



Byam & Carlton we find that we would be entitled to demand of them 87 11-37 cents per thousand stamps, the size of their stamp label being 6 x 3 1-2 inches, or 21 inches superficial area. The expense to those gentlemen would be very heavy, nor would we be justified, even in their special case, in accepting lower terms for steel-plate printing; as a reduction would be serious loss to us. With every disposition to meet Mr. Carlton's views and comply with the wishes of the Dep't., we were unable to make a satisfactory arrangement with him. On the other hand, it would appear that Byam & Carlton are unwilling to have lithographed or electrotyped surface printing, deeming the security inadequate; nor do they wish to be forced to accept the general Government Proprietary stamp. They desire to preserve their label wrapper and embody the stamp therein. Finding the expense of steel-plate engraving & printing beyond their means & interests, their Mr. Carlton would seem to prefer to have their stamps phototyped.

Now, honored sir, we would respectfully remark in relation to this matter as follows:

In making proposals for our contract we understood very clearly the private stamps were to be included in the privileges thereof, as we foresaw a very considerable and important portion of the demand for stamps would be derived from this source. The Dep't. acknowledged this claim, defined at an early hour the limits of our charges for extra paper & printing, and has invariably referred to us parties seeking private stamps to give them the proper and necessary information in relation thereto. Many, unwilling to incur the necessary additional expense, have been obliged to use the general stamps.

A moment's reflection justifies the consistent action of the Dep't. in this procedure. To have allowed anyone to produce dies and plates would have exposed the Government to endless fraud, the responsibility of the business would be scattered among many instead of being concentrated properly with one duly authorized and contracting firm, and the whole system of conducting the business whereon our proposals were made and accepted would be set at naught, different sized plates, mongrel work, varying paper for the changing plates, non-adapted to our presses, gumming arrangements, perforating machines, causing us, on every side, loss, labor, annoyance, and confusion, while ruinous to our business and in contravention of our contracted obligations and rights. It must be confessed that to allow such improper competition would invalidate any contract, and certainly be an injustice all the more serious as it would emanate from the Dep't. against whose decisions we might vainly appeal.

But Sir, in the case of Messrs. Byam & Carleton and, perhaps, others who may want their stamps incorporated in their labels or wrappers, and who are yet unable to encounter the necessary cost of steel engraving and printing, we are willing to acknowledge a peculiar claim upon our forbearance of insistence of our ceded rights, and we would be very happy to give them every accommodation consistent with generosity to themselves and a fair regard to our own interests. We believe in this spirit of conciliation we will meet with the aid and approval of the Dep't. Therefore, honored Sir, we submit for your consideration the suggestion that we shall make an arrangement with the American Phototype Co. which may be mutually satisfactory, relieve the Dep't. from the embarrassment and annoyance of a *questio vexata* and gratify Messrs. Byam & Carleton and others in similar circumstances. Begging your kind consideration of these remarks, we have the honor to remain."

Butler & Carpenter to C. H. Parsons, Aug. 23, 1864. "We have had an interview with Mr. E. in relation to the application of his process of printing to stamped paper—as labels and wrappers, *check-books*, &c., &c., and we beg to say that we withdraw any opposition to Mr. E.'s propositions to the Department for this work. Mr. E. has deemed it just and honorable



to consult us in regard to our contract rights ; and, upon due deliberation, we have conceded him the privilege to make such propositions for *stamped vellum* and *stamped paper* as may be judicious and in the interest of the Dep't. to accept. We will also add that for the first time we have had the opportunity to examine specimens of Mr. E.'s work ; and we have no hesitation in expressing our commendation thereof as being well adapted to the style of printing applicable to label wrappers, stamped paper, and vellum. You understand, of course, that this does not effect adhesive stamps, engraved on steel, such as we have manufactured and do now manufacture, under our contract with the Government. With these Mr. E. has no intention to interfere, nor have we on the other hand, any desire to forbid his securing fair opportunities of introducing his patented printing to the advantage of the Dep't., the public, and himself. We believe you duly appreciate this feeling ; and we beg you, if necessary, to give such formal or informal notice to the Comm'r. of our views as justice to Mr. E. and the Gov't. demands."

Butler & Carpenter to Jos. W. Jayne, Patent Office, Washington, Aug. 30, 1864.

Y'r favor of the 29th inst. is duly rec'd. and we beg to express our thanks for your prompt and kind attention to our request.

The rejected applications, Mch. 29, 1860 and Aug. 25, '62 cover, we think, the matter in question. We understood Mr. E. to claim a patent which, it seems, was refused, there is probably, however, a satisfactory explanation to be given of this. We will not trouble you further as we think we have now got at the right thing."

Butler & Carpenter to C. H. Parsons, Aug. 30, 1864.

" On the 23rd inst. we wrote you a private letter in regard to Mr. E. We have had no acknowledgement of its receipt ; nor have we heard from Mr. E. since his departure on that day for your city.

Prior to meeting that gentleman we instituted inquiries with regard to the nature of the patent ; and it is but just to Mr. Lewis, to you and to ourselves, to say that we have *failed to find* that he has any such patent right. On the contrary, an application filed by him March 27, 1860 and July 8, 1862, for the process of preparing and printing, as described by him to us, were *refused* respectively *March 29, 1860* and *Aug. 25, 1862*. Mr. E. also applied for the patent that Lowenberg had filed an application for, but L. secured it. Mr. E. has but one patent as far as we can discover, and that is for bank note and other documents, obtained in 1860, and which seems to us altogether a different thing from that under which he claims to produce surface printing as described to us. Mr. E. can probably explain this matter satisfactorily ; but confidentially, we don't like the look of it from our present standpoint. On the other hand Mr. E. has appeared very frank and straightforward in his dealings with us and we should regret exceedingly to find ourselves mistaken in him. Still, he is a stranger, and prudential reasons alone require circumspection. We take the liberty of suggesting that unless he has such a patent right (and earnest search *twice* made through the Pat. Office fails to discover it) we apprehend there are serious objections to making confidential contracts with him based on this supposed patent. Can the Dep't. make such contracts (without) allowing due competition ? If Mr. E. possesses no patent, anyone can use the process (a very simple and cheap one) and counterfeits will be as plentiful as gains and opportunity demands.

Now we have no desire to interfere with Mr. E. if he can offer guarantees to the Dep't. for his assertions, giving us such pecuniary off set for this concession as may be satisfactory. On the contrary, if it will advance the



interests of the Dep't. we would cheerfully consent. But it is certainly well worth the consideration of all parties to weigh the ascertained facts ere acting. Mr. E. represented to us that he had the patent for the whole country. We are informed by the Pat. Office that he has *not* such a patent. What does this contradiction mean? The fact is we are much troubled about this. We have, on the one hand, been so favorably impressed with Mr. E. and, on the other, encounter such a flat denial of his claims that we are at a loss to know how, exactly, to act. We submit the above facts to your judgment. In the meanwhile we would be glad to know whether Mr. E. has made proposals to the Dep't., and, if so, for what? He intimated to us that an application would be made for check stamps printed in bank books, to be sold to banks, &c. Of course this cannot be done on steel save at great expense. By surface printing it can be done. It is a question for the Dep't. to decide whether the change is proper or desirable. We beg you to consider this letter confidential. We have met Mr. E. in a most open, frank & honorable manner, and we believe he was equally sincere in his representations. We cannot now reconcile ourselves to the idea of intentional deception, and yet there is an explanation needed to clear up the matter."

This, with the exception of the matter given under J. J. Macklin's stamp and the early Byam, Carleton & Co. wrappers, is all that we have been able to ascertain relative to this company and its business. However, they supplied wrappers, as above, until sometime in 1866, so some arrangement must have been arrived at.

Referring to the change from old to silk paper we find but two communications, the first, from A. Pleasanton, Commissioner, to Mr. Carpenter, under date of June 22nd, 1871, is as follows :

"It is the determination of this office to require the use of the distinctive paper adopted for private die stamps in every case where it is not clearly demonstrated by actual experiment to be impracticable."

Mr. Carpenter has endorsed the above : "In reply to my communication with reference to the paper to be used by F. Brown, Truesdell & Co., & F. E. Suire & Co."

On Aug. 1, 1871 Mr. Carpenter wrote to Mr. Lamasure as follows : "With regard to the deliveries of the new and old private stamps you will make them as most convenient to the business, as you suggest in yours of the 25th, partly of the old and partly of the new to close out balances."

It should be thoroughly understood that the silk paper referred to above is the *true silk paper*, *i. e.* where the silk fibres are plentiful and well mixed with the paper pulp. This paper is entirely separate and distinct from the experimental silk paper upon which the regular stamps of the first issue are found.*

*See pp. 10-11.



Several of the Private Die stamps catalogued upon silk paper were not printed after the real silk paper was adopted and, hence, are referable solely to the experimental papers. All such cases have been duly noted and properly listed, but it is important that collectors should learn to differentiate between the papers, as the experimental variety was, in reality, a part of the first issue of Private Die stamp, while the silk paper was the *second issue*.

Now as to the pink and watermarked papers; So far as we have been able to ascertain but one lot of pink paper was ever received, or used, by the National Bank Note Co., this lot, which consisted of five boxes, each containing ten thousand (10,000) sheets 13 x 16 1-2 inches in size, or fifty thousand (50,000) sheets in all, was received on Nov. 14, 1877.

Upon looking up the dates of approval of the dies for the stamps which were first issued upon this paper we find that they were *all* approved during the last four months of 1877; the first, that of Vogler, Myer & Co., being Sept. 22nd., and the last, the Centaur Company's two cent value, on Dec. 22nd.

It is evident that this paper was more of an experiment than anything else and that its use was very short lived. Further, it does not appear to have been used prior to the adoption of the watermarked paper, but to have been, to a certain extent, contemporary with it.

For example, boxes numbered 262 to 432 were all received between Nov. 26, 1876 and Aug. 27, 1877 and were all marked "*Private Die Stamp Paper, New Paper.*" This paper was all watermarked, which fact shows that the use of the watermarked paper antedated that of the pink by at least ten months, or, if its use did not, its *reception* most certainly did.

The records are strangely silent as to the exact time when these papers were put into use and what stamps, and how many of them were printed on each. In only a few cases do they note anything in relation to the papers and these cases are far too insufficient to enable us to treat the subject as fully as we could desire.

We are therefore, totally unable to state, except in a few isolated cases, how many stamps were actually issued on the pink paper, and, what is worse, we are consequently, equally unable to separate, with any degree of exactness, those stamps issued on silk paper from those on watermarked paper; this, of course, does not apply in all cases and whenever we have been able to do so it has been done.

This being so we have deemed it best, in all cases where we could not so separate them, to simply give *the total number issued on all papers in one sum* and to let our readers do their own subdividing, which they are fully as competent to do as we are.

The numbers, where given, are *exact to the best of our knowledge and belief*. We extremely regret this state of affairs, especially so as we were led to believe that the later records would be as complete as those of the first contractors.

Again, several firms to whom the stamps on pink paper were sent absolutely refused to use them; in some cases enough were used to tide them over until they could obtain a supply on "white paper," and in others, rather than use them at all, they fell back upon the regular Government stamps until a new supply could be obtained.



The following are a few examples where the records show the stamps to have been on pink paper:

Geo. W. Laird,	5,048 stamps
Vogler, Myer & Co.	328,347 "
Dr. C. C. Moore, 2c.	17,210 "
Henry Dalley,	12,156 "
Gardner, Beer & Co.	1,787,940 "
Fred Brown,	15,159 "
Cannon Match Co.	1,131,520 "
Chas. S. Hale,	330,120 "

These were all issued between Jan. 29, 1878 and Aug. 6, 1878, and a casual glance at the list plainly shows how futile it would be to attempt to sort out *all* the "pink papers."

It will be noted at once that Henry Dalley had 12,156, yet neither of his stamps is known on pink. Dr. Moore had 17,210 and Fred Brown 15,159. It is very improbable that either used *all* of this supply, as both are far too rare for us to readily believe that so many were put into currency.

The above list would account for twenty-five thousand one hundred and forty-three (25,143) sheets of the known supply of fifty thousand (50,000), leaving twenty-four thousand eight hundred and fifty-seven (24,857) sheets still to be accounted for.

The remarks anent rouletted stamps apply here as in the regular issues.*

*See p. 105.



The following will doubtless prove of general interest.

BALANCE OF OBSOLETE STAMPS.

July 19, 1875, viz :

Private Die.

1c. Barnes	26,188
1c. Beecher	459,260
1c. W. D. Curtis	473,518
1c. Md. M. Co.	2,090,951
1c. Gaffit & Co.	887,210
1c. Harter & Co.	525,678
1c. Hull & Co.	170,780
1c. Lee & Osgood	39,816
1c. E. T. Russell	280,920
1c. Scovill & Co.	370,712
1c. Underwood	1,390,090
1c. Wil'mm. P. M. Co.	147,710
1c. Bock, Schneider & Co.	2,301,720
1c. Excelsior M. Co.	1,680,110
1c. Collins Bros.	90,200
1c. Brandreth (large)	954,824
2c. Barnes	148,529
2c. Barry	104,510
2c. Helmbold	78,150
4c. Littlefield	270,355
4c. Scovill	318,800
4c. Helmbold	23,006
4c. Barr & Co.	15,840
4c. Howe's Pills	38,235
4c. Jackson & Co.	23,124
4c. Bennett Pieters & Co.	16,578
4c. Rose & Co.	501,150
5c. Greenleaf	344,690
5c. L. & Cohen	576,206
5c. Levy	216,780
5c. N. Y. Match Co.	200,016
8c. Cowles & Leete	88,080
Obsolete Private	14,803,764

Here follows a list of stamps turned over by J. R. Carpenter to the Government upon the expiration of his contract, Aug. 31, 1875 as follows :

	<i>Sheets.</i>		<i>Stamps.</i>
1c. Orono M. Co.	1,715	100/210	360,250
1c. Am. M. Co.	4,774	168/210	1,002,708
1c. Ayer & Co.	11,676	22/46	537,118



	<i>Sheets.</i>		<i>Stamps.</i>
1c. Barnes	256	74/102	26,186
1c. W. T. Blow	653	85/140	91,505
1c. Bous. & Poole	5,866	122/210	1,231,982
1c. Brandreth, No. 1	8,531	108/132	1,126,200
1c. Jno. I. Brown & Sons	480	40/72	34,600
1c. Bull	1,159	35/65	75,370
1c. Burhans & Co.	901	180/210	189,390
1c. Byam, Carleton & Co.	4,962	60/210	1,042,080
1c. Brockett & Newton	1,794	152/210	276,840
1c. Cramer & Kemp	4,427	28/210	929,758
1c. Curtis & Brown	831	4/144	119,668
1c. W. D. Curtis	2,142	186/221	473,518
1c. Dalley	1,835	39/52	95,459
1c. P. Davis & Sons	2,057	115/210	432,085
1c. Maryland M. Co.	9,383	21/210	1,970,451
1c. Eaton	4,954	120/210	1,040,460
1c. Eichele	9,701	120/210	2,037,330
1c. Fahnestock	1,500	36/84	126,036
1c. Ferret	2,005	160/210	421,210
1c. Flanders	1,141	113/210	289,723
1c. Fleming Bros. Pills	13,198	52/60	791,952
1c. " " Verm.	2,066	30/100	227,290
1c. Franklin	6,344	31/210	1,332,271
1c. Swift & Courtney	6,449	90/210	1,354,380
1c. Gaffit & Co.*	3,986	150/210	837,210
1c. Gargling Oil Co.	2,379	2/210	499,592
1c. Gates	10,296	38/210	2,162,198
1c. Greenleaf	2,778	39/210	582,369
1c. Griggs & Scott	4,763	10/210	1,000,240
1c. T. Gorman	3,837	0/210	805,770
1c. Hotchkiss M. Co.	1,027	100/210	205,770
1c. Hall & Ruckel	1,840	27/170	312,827
1c. M. G. & H. K. Harter	2,781	64/189	525,673
1c. Henry	2,131	46/66	140,692
1c. Herrick	1,187	27/187	221,996
1c. Hull & Co.	813	0/210	170,730
1c. Griggs & Goodwill	1,678	170/210	352,500
1c. Jayne	5,618	55/60	337,135
1c. Kyle	6,497	131/170	1,364,501
1c. Lee & Osgood	368	72/108	39,316
1c. Littlefield & Co.	886	40/210	186,100
1c. McLean	1,810	80/210	380,180
1c. Mansfield & Higbee	1,614	190/210	339,130
1c. New York M. Co., green	15,422	0/72	1,110,384
1c. " " " " blue	4,525	110/210	750,370
1c. J. L. Clark	8,265	112/210	1,735,762
1c. Powell	4,436	140/210	931,700
1c. Ransom	3,921	0/210	823,410
1c. Richardson	12,081	46/210	2,537,056
1c. Roeber	6,873	100/210	1,443,430
1c. R. V. Pierce	2,946	16/112	330,048
1c. Russell	1,334	150/210	280,820
1c. Barber M. Co.	7,825	200/210	1,643,450

*Lacour's Matches.



	<i>Sheets.</i>		<i>Stamps.</i>
1c. Safety M. Co.	3,644	30/210	765,270
1c. Sands	1,502	31/69	103,669
1c. Schenck	1,601	36/44	70,480
1c. Scovill & Co.	2,725	112/136	370,712
1c. Stanton	4,800	30/210	1,008,030
1c. Star M. Co.	7,443	107/210	1,562,137
1c. Thompson	1,003	190/210	210,820
1c. Tyler	8,883	190/210	1,865,620
1c. Underwood	6,619	100/210	1,390,090
1c. U. S. Propr. M. Co.	2,133	0/9	19,197
1c. Ward, Southerland & Co.*	1,014	0/210	212,940
1c. L. W. Warner & Co.†	1,681	20/30	50,450
1c. Wilder	695	30/70	48,680
1c. Wilmington P. M. Co.	703	80/210	147,710
1c. E. T. Wright‡	3,169	6/12	38,034
1c. R. & G. A. Wright	992	7/210	208,327
1c. Zisemann, Grieshiem & Co.	4,681	100/210	983,110
1c. Arnold & Co.	9,706	180/210	2,038,440
1c. I. S. Johnson & Co.	2,586	70/210	543,130
1c. Lyon Mfg. Co.	500	92/102	51,092
1c. Woodworth & Son	1,233	130/210	269,560
1c. W. A. Monroe§	1,417	60/210	297,630
1c. Schmitt & Schmittiel	1,921	99/210	403,509
1c. Excelsior, Watertown	8,000	110/210	1,680,110
1c. " Syracuse	1,553	190/210	326,320
1c. Collins Bros.	410	0/220	90,200
1c. Maynard	1,445	110/210	303,560
1c. Dillingham**	1,324	0/210	278,040
1c. Harter Med. Co.	776	3/189	146,667
1c. Alexander	3,929	200/210	825,290
1c. Lamman & Kemp	718	20/210	150,800
1c. Am. Fusee Co.	1,359	110/210	285,500
1c. Vogler & Co.	1,871	30/210	392,940
1c. Goldback	2,729	87/210	573,177
1c. Johnston, Holloway & Co.	1,014	70/135	136,960
1c. Beecher	2,186	200/210	459,260
1c. B. Bendel & Co.	8,310	190/210	1,745,290
1c. Brandreth No. 2	22,733	38/42	954,824
1c. Washington M. Co.	3,423	190/210	719,020
1c. Low	1,612	120/210	338,640
1c. Bock, Schneider & Co.	1,243	150/210	263,280
Total, 1c.			64,288,554
Face Value, \$642,885.54.			
2c. Barnes	1,456	17/102	148,529
2c. Jno. I. Brown & Son	3,769	59/72	271,427
2c. Dalley	1,435	19/40	57,419
2c. Perry Davis	1,692	80/210	355,500
2c. Gargling Oil	1,294	132/210	271,872

*C. F. Brown.

†Herrick.

‡Soule's Pills.

§Redding's Russian Salve.

**Crown Match Co.



	<i>Sheets.</i>		<i>Stamps.</i>
2c. Henry	2,413	40/66	159,298
2c. Jayne	1,027	1/60	61,621
2c. Ransom	937	135/210	196,905
2c. R. & G. A. Wright	1,240	159/210	260,559
2c. Barry*	497	140/210	104,510
2c. Barclay†	1,404	165/210	295,005
2c. Fred Brown	4,846	15/20	96,935
2c. Curtis & Sons	2,313	12/66	152,670
2c. Curtis & Brown	1,094	50/54	59,126
2c. Helmbold	462	72/169	78,150
2c. Husband	5,694	80/90	512,510
2c. G. G. Kennedy	61	21/99	6,060
2c. R. V. Pierce	6,377	31/56	357,143
2c. Radway & Co.	4,349	41/80	347,961
2c. Zeilin & Co.	1,734	48/210	364,158
2c. Tubbs‡	304	84/99	30,180
2c. Lyon Mfg. Co.	537	3/102	54,777
2c. L. C. Kennedy & Co.	4,197	50/80	335,810
2c. Rose	1,462	100/175	255,950
2c. Hazeltine	1,428	77/112	160,013
2c. Johnston Hol. & Co.	1,256	40/135	169,600

Total,

5,163,658

Face value of 2c. \$103,273.16.

3c. Am. M. Co.	5,373	6/42	225,672
3c. Bous. & Poole	11,158	29/44	490,981
3c. Gates	9,078	0/42	381,276
3c. Greenleaf	2,455	81/170	417,431
3c. Hall & Ruckel	975	145/170	165,895
3c. Richardson	3,010	110/170	511,810
3c. Barber M. Co.	23,831	20/40	953,260
3c. R. & G. A. Wright	1,011	45/210	212,355
3c. Helmbold	1,022	115/170	173,855
3c. Laird	2,153	11/20	43,071
3c. Schmitt & Schmittziel	446	177/210	93,837
3c. Lanman & Kemp	787	160/210	165,430

Total,

3,884,873

Face value of 3c. \$115,046.19.

4c. Ayer & Co.	11,526	21/48	553,269
4c. Jno. I. Brown & Son	507	23/72	36,532
4c. Bull	1,387	25/65	90,180
4c. Perry Davis	1,238	80/21	260,060
4c. Henry	1,865	26/66	123,116
4c. Jayne	8,007	10/60	480,430
4c. Littlefield	1,287	85/210	270,355
4c. Scovill & Co.	2,344	16/136	318,800
4c. U. S. Prop. M. Co.	886	17/42	37,229
4c. Wilder	1,105	60/70	77,410
4c. R. & G. A. Wright	1,007	170/210	211,640

*Barry's Tricopherous.

†Barry's Proprietary.

‡Ring's Vegetable Ambrosia.



	<i>Sheets.</i>		<i>Stamps.</i>
4c. Helmbold	136	22/169	23,006
4c. Barr	240	0/66	15,840
4c. Burnett & Co.	822	66/132	108,570
4c. Crook & Co.	1,187	26/48	57,002
4c. Drake	1,404	13/102	143,221
4c. S. W. Fowle & Son	1,835	80/170	312,030
4c. R. P. Hall	2,253	16/80	180,256
4c. Hartman & Co.	771	23/51	39,344
4c. Hazeltine	1,454	11/112	162,859
4c. Hostetter	7,084	24/46	325,888
4c. Howe, Pills	364	15/105	38,235
4c. " Milk Cure	856	20/102	87,332
4c. Hutchins & Hillyer	205	48/95	19,523
4c. Jackson & Co.	642	12/36	23,124
4c. Kerr	811	10/38	30,828
4c. Lippmann	1,196	16/30	35,896
4c. McDonald & Co.*	6,778	11/56	479,579
4c. Tubbet	979	63/99	96,984
4c. Van Duzer	826	30/72	59,502
4c. Metropolitan M. Co.	3,050	160/170	518,660
4c. Bennett, P. & Co.	345	13/48	16,573
4c. Tarrant	670	60/170	113,960
4c. Scheetz	1,208	39/64	77,351
4c. Rose	2,863	125/175	501,150
4c. McCullough	1,629	0/105	171,045
4c. Moody, Michel & Co.	1,082	24/38	41,145
4c. Clark	2,901	20/85	246,605
4c. Home Bitters Co.	1,706	9/36	61,425
Total,			6,345,954
Face value of 4c. \$253,838.16.			
5c. Greenleaf	2,027	100/170	344,690
5c. Dougherty	2,559	30/170	435,060
5c. Hart	2,692	110/170	457,750
5c. Lawrence & Cohen	4,002	8/144	576,296
5c. Levy	1,275	30/170	216,780
5c. N. Y. Match Co.	2,778	0/72	200,016
5c. Paper Fabrique Co.	1,539	131/170	261,761
5c. Mauger	5,163	56/169	872,603
Total,			3,364,956
Face value of 5c. \$168,247.80.			
6c. Schenck	1,890	1/44	83,161
6c. Helmbold	356	35/170	60,555
6c. Hartman & Co.	661	17/42	27,779
6c. Kennedy	1,556	7/77	119,819
Total,			291,314
Face value of 6c. \$17,478.84.			

*Dr. J. Walker.

†Ring's Vegetable Ambrosia.



PRIVATE PROPRIETARY STAMPS.

137

	<i>Sheets.</i>		<i>Stamps.</i>
8c. Cowles & Leete*	1,468	0/60	88,080
8c. Swaim	736	15/16	11,791
	Total,		99,871
	Face value of 8c. \$7,989.68.		

12c. E. A. Wilson	691	147/170	117,617
12c. Percussion M. Co.†	9,888	9/30	281,649
12c. B. Bendel	9,487	13/32	303,597
	Total,		702,863
	Face value of 12c. \$84,343.56.		

Wrappers.

1c. Byam, Carlton & Co.	8,830,000
1c. U. S. Prop. Med. Co.	3,573
	<u>8,833,573 "</u>

BILL.

"PHILADELPHIA, SEPT. 6, 1875.

U. S. INTERNAL REVENUE BUREAU,

To JOS. R. CARPENTER, DR.

To am't. of extra charge for the manufacture of extra sized Private Die Revenue Stamps in Balance of Stock delivered to the Government Aug. 31, 1875 as per schedule herewith.‡ \$2080.58

Received payment.

As none of the private die stamps of the current, 1898, series were issued prior to Jan. 1, 1899 we are compelled to ignore them altogether in this work.

*P. T. Ives.

†San Francisco Match Co.

‡As the schedule is already included in the above list of stamps turned over we do not repeat it here.



MATCH STAMPS.

AKRON MATCH CO.

1c. Blue.

Die approved Dec. 1, 1869.

First issued Jan., 1870.

No. of stamps per sheet 210.

Last issued July 22, 1870.

Total No. issued on old paper, 174,000.

Description :—Size of engraving 18 1-2 x 23mm. In the centre a full moon : above, in a curved line of colorless Roman capitals, "U. S. INTER. REV.;" below, in similar type but smaller, "AKRON MATCH COMPANY." Both of these inscriptions are unenclosed upon a ground of horizontal lines. At each side of the moon is a small, colorless, five-pointed star ; there are two more above, on each side, and three at each side below, twelve in all. At top, in a curved marginal label of solid color, "ONE" at left, "CENT" at right, separated in the centre by an horizontal rectangle with truncated corners inscribed, in large, colored Roman capitals exteriorly shaded, "IXL" upon a colorless ground. Below, in similar labels, "AKRON" at left, "OHIO," at right, separated by an upright rectangular disk with curved top bearing colored numeral of value. These upper and lower inscriptions are in colorless Roman capitals ; the ends of the labels are slightly ornamented and outer corner ornaments are added.

This stamp was first ordered Jan. 15, 1868, but, owing to the works having been destroyed by fire on Aug. 15, 1868, the order was countermanded. It was finally engraved upon receipt of an order dated Sept. 22, 1869.

ARNOLD & CO.

1c. Black.

Die approved Oct. 24, 1872.

First issued Dec., 1872.

No. of stamps per sheet 210.

Last issued April, 1873.

Total No. issued, on silk paper, 495,000.

Description :—Exactly the same as the stamp of Bock, Schneider & Co. excepting that the lower curved label is inscribed "ARNOLD & CO." in slightly larger letters.

The plate was bought from Bock, Schneider & Co. by The Paragon Match Co. 509 and 511 W. 45 St. New York, on Sept. 25, 1872. On Oct. 21, 1872, Mr. Carpenter is advised that the Paragon Match Co. has become Arnold & Co. and is ordered to change the lettering, as above, on the stamp.



ALEXANDER'S MATCHES.

1c. Orange. 1c. Blue.

Die approved July 30, 1864. First issued in orange Aug., 1864.

No. of stamps per sheet 210. Last " " " July, 1875.

Total No. issued in orange, on old paper, 8,329,200.

Total No. " " " silk " 2,343,500.

First issued in blue July, 1875. Last issued in blue Aug., 1875.

Total No. issued in blue, silk paper, 198,100.

Description:—Size of engraving 19 x 22½mm. A rooster to right upon an upright oval, colorless except for shade lines, bordered by a fine line of color and a heavier, colorless one. At top of oval "ALEXANDER'S" in a curved line of colored Roman capitals, at bottom, in a similar way, "MATCHES." At top, in a straight, marginal label outlined by a colorless line, "ONE CENT;" below, in a similar label, "CENT" with numeral of value before and after the word; at sides, also in similar labels, "U. S. INTER." at left; "REVENUE" at right. All in colorless Roman capitals upon a ground of solid color. In each corner a square tablet of solid color containing a colorless five-pointed star. These tablets project slightly beyond the labels and are connected by fine, outer lines of color. Spaces between the central oval and labels filled in with two small colored triangles bordered by a fine, colored line between two heavier colorless ones, outside of which is a heavy colored line.

The firm name was T. H. Alexander & Co. and the business was located at Covington, Ky. This concern ordered no stamps after Nov. 1866, and on May 4, 1867, Mr. Alexander wrote to Butler & Carpenter, from Baltimore, Md., offering the die for sale. In 1868 the die was sold to J. J. Macklin, also of Covington, Ky., and he received stamps from it from May, 1868 to July, 1869 inclusive. From that date until March, 1874 the die was unused, i. e. no stamps printed from it were delivered.

Under date of March 5, 1874 the Commissioner of Internal Revenue, Mr. J. W. Douglass, wrote Mr. Carpenter as follows: "I have to inform you that the private die of T. H. Alexander has this day been transferred upon the books of this office to Messrs England & Bell of Baltimore, Md. The necessary change will be ordered at once, but until such change is made, stamps from the present die will be furnished. An order will probably reach you on Saturday next and as the parties desire their stamps at once, I will thank you to be prepared to fill the requisition on its receipt."

The "necessary change" spoken of above was never made, but England & Bell received stamps from the original plate from March, 1874 until Dec., 1875, when it passed into the possession of J. W. Eisenhart.

On May 15, 1875 they wrote Mr. Carpenter as follows: "We find that the color you use in printing our stamps (Red) undergoes so great a change by the chemical action of our Phosphorus as to turn them to a dirty brown. Would it be putting you to too great trouble to ask you to change our color to a blue which, like Drug paper, undergoes no change whatever."



Mr. Carpenter's reply was to the effect that, after exhausting the balance of the orange stamps then on hand, he would furnish them in blue, which was done.

J. J. ALLEN'S SONS,

1c. Blue.

Die approved.	First issued April 29, 1882.
No. of stamps per sheet 210.	Last issued March 7, 1883.
Total No. issued, watermarked paper, 2,730,000.	

Description:—Size of engraving $18\frac{1}{2} \times 23$ mm. A hand, held upright and grasping between its thumb and forefinger a flaming match, upon a circular disk with a ground of horizontal lines diagonally hatched and bordered by a wide, colorless frame. Above, upon a curved label of solid color heavily outlined by a colorless line, "MATCHES" in large, fancy and colorless block type. Straight, marginal labels of solid color, outlined by colorless lines, on all four sides, that above is inscribed "J. J. ALLEN'S SONS;" below, "ONE CENT;" at left "U. S. INTER. REV.," and at right "PHILADELPHIA, PA." All these inscriptions are in block capitals except the lower, which is in Roman, all are colorless. In each lower corner is a circular disk of solid color containing a colorless numeral of value: The ground is made up of vertical lines and an outer frame line of color surrounds the whole.

THOS. ALLEN.

1c. Green.

Die approved March 9, 1865.	First issued March, 1865.
No. of stamps per sheet 210.	Last issued July 29, 1869.
Total No. issued, old paper, 5,943,556.	

Description:—Size of engraving $23 \times 19\frac{1}{2}$ mm. Arms of Missouri, except as to lettering, upon an horizontal oval with lightly shaded ground. The bears at either side are supporting a circular disk bordered by a broad colorless ribbon which is buckled below, the ends going off in scrolls at either side, curving back upon themselves and forming an extra fold, or label, at bottom. The central disk is inscribed, in three horizontal lines, "ST. LOUIS MATCH FACTORY," the upper and lower lines being in small, colored, block capitals and the central one in Roman capitals. Above, on the surrounding ribbon, is "ILLUMINATUM EST." Below, on the right, "U. S. INTER.;" on the left "REVENUE," and on the lower fold "THOS. ALLEN." All in small, colored, block capitals, upon a colorless or lightly shaded ground. Above, between the Bears' heads, an oval disk of solid color, supported and flanked on either side and above by foliated ornaments, containing a colorless numeral of value. In each corner above, outside the oval and slightly curved, "ONE," with a colorless, five-pointed star above it and immediately in the corner. Below in a similar manner and with the star, "CENT," all in colorless Roman capitals upon a ground of horizontal lines. A fine outer line of color surrounds the whole.



ALLEN & POWERS.

1c. Blue.

Die approved Jan. 13, 1876.

First issued Feb. 3, 1876.

No. of stamps per sheet 210.

Last issued Oct. 4, 1882.

Total No. issued, silk paper,	}	6,401,510.
“ “ “ pink “		
“ “ “ wmk'd “		

Description:—Identical with that of the Orono Match Co. excepting that the inscription above is altered to read “ALLEN & POWERS.”

ALLIGATOR MATCH CO.

1c. Blue.

Die approved Dec., 1879.

First issued Jan., 1880.

No. of stamps per sheet 210.

Last issued Feb. 26, 1883.

Total No. issued, watermarked paper, 28,705,240.

Description:—Design the same as for F. Mansfield & Co., of which stamp it is the successor, excepting that the upper label is inscribed “ALLIGATOR”; the upper portion of the border to the central disk: “MATCH COMPANY,” and the lower portion: “ST. LOUIS.” Instead of a foliated ornament, a small, fancy dash separates these last two labels at sides.

AMERICAN FUSEE CO.

1c. Black.

Die approved March 24, 1874.

First issued April, 1874.

No. of stamps per sheet 210.

Last issued April 1, 1882.

Total number issued, on silk paper, 2,270,000.

“ “ “ “ pink “	}	2,884,403.
“ “ “ “ wmk'd “		

Description:—Size of engraving 23 x 19mm. An irregularly shaped central tablet, framed by a heavy colorless between two colored lines, upon an horizontal oval, with a ground composed of sets of horizontal lines, and surrounded by a broad band of solid color. The central tablet is inscribed, in four lines of colorless Roman capitals, upon an horizontally lined ground, “AMERICAN-FUSEE-COMPANY, ERIE, PA.”

In the oval at each side, formed by the oval band and the curved frame of the central tablet, are large, colorless numerals of value. On the oval band, commencing on the left side and extending over the top and down the right side, “UNITED STATES INTER. REVENUE,”; below, “ONE CENT.” All in colorless Roman capitals. An outer frame, in the form of a twisted cord, encircles the oval band; lathework corner pieces are added, and an outer line of color surrounds the whole.



AMERICAN MATCH CO., CLEVELAND, O.

1c. Black.

Die approved June 24, 1869.	First issued Aug., 1869.
No. of stamps per sheet 210.	Last issued July, 1875.
Total No. issued, old paper, 1,893,620.	
“ “ “	silk “ 5,847,042.

Description :—Size of engraving 19 x 23mm. Three-quarters face portrait to left upon an oval disk, colorless except for light shade lines, and surrounded by a band of solid color. Inside central disk, at left, “ONE,” at right, “CENT,” in small, colored, Roman capitals. The band is inscribed “INTER. REVENUE.” at top; and, beginning on the upper left side, “AMERICAN MATCH CO. CLEV'D. OHIO.,” ending on the right, just below, “REVENUE.” Fancy corner pieces added; that at left, above, containing a large, colorless “U”; at right “s.” Below, in corners, colorless numerals of value. All upon a ground of horizontal lines. A fine line of color surrounds the whole.

This die was ordered by Selby & Taylor, who became the American Match Co.

3c. Black.

Die approved March 6, 1869.	First issued April, 1869.
No. of stamps per sheet 42.	Last issued July, 1875.
Total No. issued, old paper, 1,567,146.	
“ “ “	silk “ 2,649,766.

Description :—Size of engraving 184 x 15mm. Three-quarters portrait to left placed sideways upon the shaded ground of an horizontal oval bordered by a fine line of color. At each end of this oval is an ornament, heavily lined horizontally, and outlined by a double-lined frame, whose outer line is continuous above and below the central oval. At left is an horizontally lined panel with truncated corners; this is bordered by a double-lined frame, outside of which is an additional frame, also double-lined, with rounded corners and slightly depressed at the centre of its ends. The frame ends in scroll ornaments at the corners, and the panel is inscribed “AMERICAN MATCH CO.,” in a slightly arched line of colorless Roman capitals, above, and “CLEVELAND, OHIO,” in a similar manner below. Between these inscriptions is a straight, colorless label, the centre being a circular disk, and bearing a large, colored numeral of value, outlined by an extra line of color. The left end of this label is inscribed “THREE”; the right “CENTS”; the two being separated by the circular disk. The right end is identical with this, but is inscribed “UNITED STATES” above and “INTER. REVENUE.” below. At either end is a spread eagle with head to left and its left talon resting upon an United States shield. This is upon shaded ground bordered by a double-lined frame, with its four sides slightly convex and projecting corners.



AMERICAN MATCH CO., AMSTERDAM.

1c. Black.

Die approved Oct. 4, 1867.

First issued Nov. 21, 1867.

No. of stamps per sheet 210.

Last issued Aug. 19, 1869.

Total No. issued, old paper, 1,298,000.

Description :—Size of engraving 19 x 23mm. An eagle to left poised, ready for flight, upon a branch of a tree, upon a disk, circular at sides and oval at top and bottom, with a ground of horizontal lines broken by colorless radii above. Upon this ground, above the eagle, "MATCH CO." in colored Roman capitals; below, in a similar manner, but smaller letters, "ONE CENT." Above, in an arched label of solid color, outlined by a colorless and a colored line, "AMERICAN," in heavy, colorless, Roman capitals; below, in a similar label, but in smaller letters, "U. S. INTER. REV." Fancy corner pieces, having rounded ends, added, each one containing a colorless numeral of value placed obliquely upon a ground of heavy horizontal lines. The whole surrounded by a colorless line between two fine, colored ones.

This stamp was ordered Sept. 30, 1867.

AMERICAN MATCH CO., ROCK ISLAND, ILL.

3c. Green.

Die approved Sept. 24, 1866.

First issued Oct. 31, 1866.

No. of stamps per sheet 170.

Last issued Oct. 31, 1866.

Total No. issued, old paper, 44,000.

Description :—Size of engraving 20 x 26mm. An eagle, with spread wings, poised upon a shield which rests upon the top of a globe. From beneath the top of the shield an olive-branch projects, and the globe, which is cut off at the bottom, is inscribed in two straight lines of small, colored, block capitals: "ROCK ISLAND—ILLINOIS." across the lower part. All this is in a large, upright oval, with a shaded ground, the upper part of which is crossed by a colorless, curved label, inscribed "MATCH CO." in colored, block capitals. Above this and still inside the oval, is ornamented drapery. Above, in a curved label of solid color, with square ornaments at either end, "AMERICAN," in rather large, colorless, Roman capitals; below, in a similar label, but without the square ornaments, and in smaller letters: "U. S. INTER. REV." Slightly curved labels at sides; that at left inscribed "THREE." that at right "CENTS," in colorless, Roman capitals. Triangular shaped tablets in each corner, bearing a colorless numeral of value upon an horizontally-shaded ground. Each corner is finished off with a shaded pearl, and the whole is bordered by a double-lined frame which conforms to the slight curves of the labels and corner pieces.

Only one delivery was made of these stamps, as is shown above. The last printing was made on Nov. 10, 1866, and left a balance on hand of 119,200, which were finally destroyed, as obsolete, when the silk paper was introduced.



BAGLEY & DUNHAM.**1c. Green.**

Die approved Oct. 22, 1878. First issued Nov., 1878.

No. of stamps per sheet 210. Last issued June, 1880.

Total issue, watermarked paper, 1,414,160.

Description :—Design the same as for the Ives & Judd, excepting that the lower label is inscribed "BAGLEY & DUNHAM."

GEO. & O. C. BARBER.**1c. Blue.**

Die approved Sept. 23, 1864. First issued Oct., 1864.

No. of stamps per sheet 210. Last issued March, 1866.

Total number issued, old paper, 8,372,420.

Description :—Size of engraving 19½ x 23mm. Full face portrait of Mr. Geo. Barber upon a circular disk, with a ground of horizontal lines hatched diagonally and surrounded by a colorless line. At top, in centre, an oval disk of solid color inscribed "1 Ct." in colorless, and very small, upper and lower case block letters; below this, upon a colorless label, curved slightly downwards, "GEO. & O. C. BARBER," in colored Roman capitals. Under this in a curved label of solid color, whose centre rests upon the central disk, "MIDDLEBURY" in colorless letters. Below the central disk, in a label similar to last, "SUMMIT CO.," and, just below it, upon the top of a scroll ornament in the centre, "OHIO." Still lower yet is another curved label, with colorless ground, inscribed "INTER. REV. MATCHES," and, just over its ends, upon a ground of horizontal lines, "U." at left, "S." at right. All in Roman capitals. At left, in a colorless, slightly curved label, "ONE", at right "CENT," in colored Roman capitals. Ground of horizontal lines, with foliated ornamentation, making an upright rectangle, with rounded corners and projecting centres on all sides.

The plate was afterwards sold to Barber & Peckham, who never used it and by them to the Barber Match Co.

BARBER & PECKHAM.**1c. Blue.**

Die approved Jan. 23, 1866. First issued March, 1866.

No. of stamps per sheet 210. Last issued June 7, 1867.

Total No. issued, old paper, 6,181,250.

Description :—Size of engraving 19 x 23mm. Three-quarters face portrait of Mr. O. C. Barber to left upon a circular disk with a ground of horizontal lines hatched obliquely and surrounded by a colorless line. Above, in a curved label of solid color extending clear across the stamp, "BARBER & PECKHAM," in colorless Roman capitals; at top, separated from last by a ground of vertical lines, another curved label, this time colorless and inscribed in colored block capitals "U. S. INTERNAL REV." Below, in a wide curved label of solid color, "MIDDLEBURY, SUMMIT CO., OHIO." in two lines



of colorless Roman capitals. At bottom, in a short colorless, curved label with octagonal ends, "MATCHES." in colored block capitals. Colorless scrolls at sides, that at left inscribed "ONE"; at right "CENT," in colored Roman capitals. In each lower corner, upon a vertically lined ground but unenclosed, colorless numeral of value. The whole surrounded at a little distance, by an outer frame line of color.

This firm were the successors of Geo. & O. C. Barber, whose one cent stamp they used while their own plate was being prepared and until the balance of the stamps on hand from the old plate was exhausted. They were succeeded by the Barber Match Co., to whom they assigned their plates, dies, etc.

3c. Black.

Die approved Dec. 20, 1865.
No. of stamps per sheet 44.

First issued Dec., 1865.
Last issued June 29, 1867.

Total No. issued, old paper, 1,054,900.

Description :—Size of engraving 132 x 15mm. Three-quarters face portrait of Mr. O. C. Barber to left upon a circular ground of horizontal lines, hatched diagonally and surrounded by a colorless line. Starting at left and counting to right are eight colored labels in the form of reverse curves with slightly shaded, ribbon like scrolls connecting them and curling back in scroll ornaments at top or bottom as may be. These labels, etc., enclose eight circular disks, four on each side of the portrait, and these disks, in turn, contain irregularly shaped ornamental tablets; the first, third, sixth and eighth, counting from the left, bear a shaded, five-pointed star, while the second, fourth, fifth and seventh contain a colorless numeral of value heavily shaded exteriorly; all upon a horizontally lined ground. The labels on the left read from top to bottom and are inscribed "UNITED STATES-INTERNAL REV.-THREE CENTS.-BARBER &." On the right they read from the bottom up, and are inscribed "PECKHAM,-BUCKEYE MATCHES-MIDDLEBURY-SUMMIT CO. OHIO." The continuation of these labels, below the first and eighth disks, contain colorless five-pointed stars; four on the left and three on the right. The inscriptions are all in colorless Roman capitals; the interstices above and below are filled in with florated and foliated ornamentation. At either end of the stamp is a scalloped circle with a very fine and closely woven reticulated ground. These contain an inner circle of solid color bearing a colorless five-pointed star and are surrounded by an outer frame composed of two colorless and two colored lines.

BARBER MATCH CO.

1c. Blue.

Die approved May 7, 1867.
No. of stamps per sheet 210.

First issued June 7, 1867.
Last issued March 27, 1883.

Total No. issued,	old paper,	22,709,981.
" " "	silk "	66,848,874.
" " "	pink "	} 280,880,696.
" " "	wmk'd "	



Description :—Design the same as for the Geo. & O. C. Barber* from which it is altered, excepting that the title is changed to read "BARBER MATCH CO."

3c. Black.

Die approved May 7, 1867.	First issued July 8, 1867.
No. of stamps per sheet 44.	Last issued Nov. 24, 1875.
Total No. issued, old paper, 5,956,650.	
" " " silk " 9,963,307.	

Description :—Design the same as for the three cent Barber & Peckham excepting that the labels each side of the portrait, the fourth and fifth, are inscribed "BARBER" at left, "MATCH CO." at right.

BARBER, JONES & CO.

1c. Green.

Die approved Jan. 6, 1873.	First issued May, 1873.
No. of stamps per sheet 210.	Last issued Aug., 1875.
Total No. issued, silk paper, 5,401,920.	

Description :—The design is that of Greenleaf & Co. with the initials B. J. & Co. added, the same being in a straight line of colored Roman capitals across the upper part of the central disk.

The old firm of Greenleaf & Co. was succeeded by Barber & Co., and they, in turn, by Barber, Jones & Co. This firm was succeeded by Eugene A. Jones & Co., who, on Jan. 28, 1874, write to Mr. Carpenter to "cut out Greenleaf & Co. from the die and put in Eugene A. Jones & Co." On Feb. 5, 1874, they further instruct him to "also take out the initials 'B. J. & Co.'" On March 4th, Mr. Carpenter replies: "The new plate from altered die of 'Greenleaf & Co.' late Barber, Jones & Co., is ready for the press." For some unknown reason this stamp was never used, and, in August, 1874, Eugene A. Jones & Co., were succeeded by Kirby & Jones, who used stamps from the *Barber, Jones & Co. plate* from that date until April, 1875, when they, too, went out of existence and were succeeded by the firm of Kirby & Son. This last firm received stamps from the B. J. & Co. plate until Aug., 1875.

BAUER & BEUDEL.

1c. Blue.

Die approved Aug. 21, 1868.	First issued Oct., 1868.
No. of stamps per sheet 210.	Last issued June, 1872.
Total No. issued, old paper, 5,452,710.	
" " " silk " 1,009,100.	

Description :—Size of engraving 19 x 23mm. An United States shield upon a lightly shaded circular disk bordered by a colorless line between two

*See p. 144.



fine colored ones, outside of which is a shaded band containing thirteen colorless, five-pointed stars. This band is broken at top by a small circular disk containing, upon a shaded ground, a colorless numeral of value. Above upon a curved label forming almost a point in centre, "U. S. INTER. REVENUE," in colorless Roman capitals upon a ground of solid color. Below, in similar label and lettering, BAUER & BEUDEL. The space between the points of these labels and the circular band is filled in with a vertically lined ground and the ends of the two labels are separated at sides by colorless foliated ornaments. Above, in a colorless, curved label in each corner, "ONE CENT" in colored block capitals, below, in similar labels and lettering, "NEW YORK" at left, "MATCHES" at right. Fancy corner pieces are added and the perfect rectangle is completed by the addition of lined ground.

Bauer & Beudel were bought out, in Jan., 1871, by the New York Match Co. who, notwithstanding that they had the former die altered and a new plate made from it, continued to use stamps from the old plate until June, 1872.

A. BEECHER & SONS.

1c. Orange.

Die approved Dec. 2, 1864.

First issued March, 1865.

No. of stamps per sheet 210.

Last issued Sept., 1874.

Total No. issued, old paper, 20,985,340.

" " " silk " 4,656,150.

Description :—Size of engraving 23 x 19mm. An United States flag in a colorless disk in the shape of an horizontal oval with projecting, rounded ends. This is surrounded by a colorless band, with sparse vertical shade lines, having a fine inner line of color and being, in turn, bordered by a broad colored band, broken at sides by an oval disk containing a colorless numeral of value, containing seven five-pointed, colorless stars above and six below. Above, in colorless arched label "U. S. INTER. REV." in colored Roman capitals; below, "MATCHES," at left "ONE," and at right "CENT." All similar to that above.

In each of the corners is a circular disk of solid color, those above contain, at left, "A," at right "B;" below, at left "&," at right "s." Foliated ornaments and lined background complete the design.

This firm became merged with that of Swift & Courtney in 1870, forming the firm of Swift, Courtney & Beecher, and the ownership of the die plate, etc., was transferred to the latter company on the books of the Bureau of Internal Revenue June 1, 1870.

B. BENDEL & CO.

1c. Brown.

Die approved Nov. 30, 1874.

First issued Dec., 1874.

No. of stamps per sheet 210.

Last issued Dec. 13, 1880.

Total No. issued silk paper, 2,610,950.

" " " wmk'd. paper, 220,500.

Description :—Size of engraving 19 x 23mm. A maltese cross of heavy



vertical lines outlined by a colorless space between two fine colored lines, the space being shaded with radiating lines, upon a colorless circular disk which is bordered by a broad band with a vertically lined ground, outlined by colored and colorless lines. Inside the central disk below is "EMPIRE" in colored Roman capitals. The band is inscribed "B. BENDEL & CO." above, and "MATCH FACTORY," below in colorless Roman capitals exteriorly shaded with color. Above, in a colorless, curved label with scrolled ends, "U. S. INTERNAL REV." Below, in a straight, colorless label with fancy ends, "ONE CENT," both in colored Roman capitals. Above, at each side, a small, colorless, five-pointed star. Below on each side just over the ends of lower label in a rather shield-shaped tablet of solid color, a colorless numeral of value. Ground of vertical shade lines and the whole surrounded by an outer line of color.

These stamps, on watermarked paper, were most probably printed by mistake, the printers having gotten hold of this plate instead of that of H. Bendel. But one lot were delivered and the plate was at once condemned.

B. BENDEL & CO.

12c. Brown.

Die approved Sept. 17, 1874.

First issued Oct., 1874.

No. of stamps per sheet 32.

Last issued Oct., 1876.

Total No. issued silk paper, 472,907.

Description :—Size of engraving $79\frac{1}{2} \times 44\frac{1}{4}$ mm. A large maltese cross with a fancy, reticulated ground, outlined by a colorless, shaded line between two colored lines outside of which is a wide, colorless band bordered by a fine line of color. This is inscribed, in a curved label of solid color, outlined by a colorless line above and below, "B. BENDEL" in large, colorless, Roman capitals; just below it, upon the reticulated ground, is "&-CO." in two lines of similar type.

This cross is superimposed upon a circular disk, with a ground of radiating shade lines, bordered by a broad, horizontally shaded band, inscribed "THE EMPIRE MATCHES." above, and "SAN FRANCISCO." below, in large, colorless, Roman capitals. This band is framed exteriorly by a line of small colorless rectangles upon a solid line of color, outside of which is a colorless band horizontally shaded. Above is a colorless curved label with scroll and notched ribbon-like ends inscribed "U. S. INTERNAL REVENUE." in colored Roman capitals; below, in a similar manner, "1200 MATCHES." Irregularly shaped disks at sides containing a monogram of the letters "U. S." in large, colored, Roman capitals upon a horizontally lined ground which extends beyond the frame lines of the disks and forms an outer frame to them. An irregular disk obliquely in each upper corner contains large, colorless numerals of value upon a ground of solid color. Curved labels of solid color with truncated corners and hollowed ends in lower corners, that at left inscribed "TWELVE," at right "CENTS" in colorless, Roman upper and lower case letters. The remainder of the ground work is reticulated lathwork surrounded by a broad shaded frame; there are slight corner ornaments and the whole is surrounded by a Greek border in color.



H. BENDEL.**1c. Brown.**

Die approved May 2, 1877.

First issued June, 1877.

No. of stamps per sheet 210.

Last issued April 17, 1883.

Total No. issued silk paper,	} 87,315,198.
“ “ “ pink “	
“ “ “ wmk'd. paper,	
“ “ “	

Description.—Design the same as that of B. Bendel & Co.* excepting that an extra colorless label is added between the upper inscriptions and this is inscribed “H. BENDEL DOING BUSINESS AS,” in very small, colored block capitals.

H. BENDEL & CO.**12c. Brown.**

Die approved May 2, 1877.

First issued June, 1877.

No. of stamps per sheet 32.

Last issued Dec., 1879.

Total number issued, silk paper, 100,826.

Description.—Design the same as that of the twelve cent B. Bendel & Co.,† of which firm this is the successor, excepting that the upper portion of the maltese cross contains four, colorless labels, the first and third being curved, the second straight with pointed ends, and the fourth merely an oval disk. The upper is inscribed “H. BENDEL”, the second “DOING”, the third “BUSINESS” and the lower one “AS”, all in outlined block capitals.

H. & M. BENTZ.**1c. Blue.**

Die approved Oct. 12, 1864.

First issued Nov., 1864.

No. of stamps per sheet 210.

Last issued July 23, 1868.

Total No. issued, old paper, 7,454,400.

Description.—Size of engraving 19 x 23mm. An eagle to right, poised for flight, and holding in its talons a sheaf of five arrows and an olive branch, upon an horizontal oval with lightly shaded ground. Above, following outline of oval, “FRICTION MATCHES;” over that “H. & M. BENTZ” in a slightly curved line; still higher, in upper left corner, “NEW,” in right “YORK.” Below, following outline of oval, “U. S. INTER. REV. ;” below this, in a slightly curved line, “ONE CENT,” the words separated by a numeral of value, thus: “ONE 1 CENT.” Slight ornaments above and below lower inscription, all in colorless, Roman capitals, upon a ground of solid color. A small, colorless, five-pointed star at each side above the lowest upper label. The ground forms a rectangle, with rounded corners, which is surrounded by a pearled border, outside of which is an outer frame line of color, with square corners, the space between which and the pearled border is slightly shaded.

*See p. 148.

†See p. 148.



BENT & LEA.

1c. Black.

Die approved July 22, 1870. First issued Aug., 1870.
 No. of stamps per sheet 210. Last issued April 18, 1871.
 Total No. issued, old paper, 298,925.

Description:—Size of engraving 19 x 23mm. An arm, with rolled up shirt sleeve, extended to left, the hand holding a flaming torch, upon a circular disk, with shaded ground, bordered by a colorless line between two fine colored ones. Across this disk, in large, colorless block capitals, "EUREKA." Above, on a colorless label with scrolled and notched ends, "BENT & LEA'S;" below, upon a similar label, "PARLOR MATCHES;" at top, in a curved marginal label of solid color, "U. S. INTER. REV.;" below, in a similar label, "WILMINGTON, DEL." At left, upon an horizontally lined ground, "ONE;" at right "CENT." All of the inscriptions are of Roman capitals. At each side, in an oval disk of solid color above and below the inscription, a colorless numeral of value. Ground of vertical shade lines with exterior corner ornaments.

This stamp, although catalogued on silk paper, could not possibly have been so issued, as it was obsolete before the *regular silk paper* was even issued to the printers and engravers. It is found on the *experimental silk paper* which was used to some extent about the time of its currency, however.*

Under date of Nov. 8, 1871, we find a letter from one Thomas Darlington to Mr. Carpenter, as follows: "Wilmington, Del.—Your favor of the 7th inst. at hand. I would be glad if you could sell the die at the price you mentioned, or at any other price you can get for it, so as to enable me to settle up the business of the late firm."

BOCK, SCHNEIDER & CO.

1c. Black.

Die approved Dec. 1, 1871. First issued Dec., 1871.
 No. of stamps per sheet 210. Last issued Nov., 1872.
 Total No. issued, on silk paper, 759,000.

Description:—Size of engraving 19 x 23mm. In the centre is a triangle having upon its base a human eye; the ground is colorless, except for fine radiating lines above and below the eye, and, above, in the apex of the triangle, is a colorless, five-pointed star. This triangle is upon a circular disk with an horizontally lined ground, which is bordered by a broad, circular and colorless band. At left of triangle, but still within the disk, "PARAGON" in a slightly curved line of colorless capitals reading up; at right, in a similar fashion, but reading down, "MATCHES." The colorless band is inscribed "U. S. INTERNAL REV." above, and "BOCK, SCHNEIDER & CO." be-

*See p. 119.



low in colored capitals, the two inscriptions being separated at sides by an octagonal disk of solid color superimposed upon the band and projecting slightly beyond it at either side, containing a colorless numeral of value. At top, in a marginal label of solid color between two colorless lines, "ONE CENT;" below, in a similar manner, "NEW YORK," both in colorless capitals. All of the inscriptions excepting the firm name are in Roman letters, the exception is in block letters. The space between marginal labels and colorless band are lined obliquely, and contain a colorless triangle in each corner; an outer colored line surrounds the whole.

This plate, die, etc., was afterwards sold to Arnold & Co. and altered for their use.

WM. BOND & CO.

4c. Black.

Die approved Aug. 6, 1877.
No. of stamps per sheet 210.

First issued Sept., 1877.
Last issued Feb., 1878.

Total No. issued, silk paper, 67,500.

Description:—Size of engraving 18 x 22½mm. A cabled anchor in an upright, colorless oval, bordered by a heavy colorless line between two fine colored ones. Above, inside the oval, "WM. BOND & CO." in a curved line of colored capitals; below, in a similar manner, "ANCHOR MATCH." In either corner, just outside the central oval, a circular disk of solid color containing a colorless numeral of value. At top, in a straight, marginal label of solid color, "U. S. INTER. REV." Below, in a slightly curved, short, label of solid color, in two lines, "PORTLAND,-OREGON." At left side, in a straight, colored label, between two colorless lines, "FOUR;" at right, similar, "CENTS." All these inscriptions are in colorless, Roman capitals. There are foliated ornaments between upper label and central disk, at ends of side labels, and at corners; the sides, outside the labels, are filled in square with horizontal lines; the ground is of solid color, and, in the centre of the foliated ornaments in the lower corners, is a very small, colorless, five-pointed star.

4c. Green.

First issued 1878.

Last issued April 16, 1883.

Total No. issued, on silk paper,	} 400,000.
" " " " pink "	
" " " " wmk'd "	

Description:—The same as for the black stamp.

BOUSFIELD & POOLE.

1c. Lilac.

Die approved May 7, 1867.
No. of stamps per sheet 210

First issued Aug. 12, 1867.
Last issued Feb., 1868.

Total No. issued, old paper, 399,000.

Description:—Size of engraving 19 x 23mm. Three-quarters face por-



trait to left in colorless, circular disk, inscribed in a curved line above, "BOUSFIELD & POOLE" in colored, Roman capitals; below, in a similar manner, but block capitals, "FRICTION MATCHES." Above, in a straight, marginal label of solid color, outlined by a colorless line, "U. S. INTER. REV." in colorless Roman capitals; below, in a similar manner, "CLEVELAND, O." Above and below, in the triangular spaces between marginal labels, central disk, and sides, "ONE" at left; "CENT" at right, in colored block capitals upon a colorless ground. A heavily shaded triangle, outlined by colorless and colored lines, fills in the balance of these spaces. At each side, extending well into the central disk, an upright oval disk of solid color, framed by a colorless and colored line, containing a colorless numeral of value. Light florated ornament just inside these ovals, and an outer line of color surrounding the whole design.

This die was ordered engraved on April 15, 1867, and ordered to be printed in *purple* on July 15th. But one printing was made in this color; that consisted of 1900 sheets, or 399,000 stamps, which were not exhausted until February, 1868. Meanwhile, on Nov. 7th, 1867, a telegraphic order was received from the proprietors to print their stamps in black thereafter, which was done.

1c. Black.

Die approved May 7, 1867.	First issued Feb., 1868.
No. of stamps per sheet 210.	Last issued May, 1875.
Total No. issued old paper, 8,895,190.	
" " " silk " 11,155,346.	

Description :—Design the same as for the one cent lilac, the color alone being changed.

3c. Purple.

Die approved May 13, 1867.	First issued Aug. 12, 1867.
No. of stamps per sheet 44.	Last issued Nov., 1867.
Total No. issued old paper, 83,600.	

Description :—Size of engraving 134 x 15mm. Three-quarters portrait to left upon a circular disk of shaded lines bordered by a colorless line. Starting at bottom, a little to right of the left end of design, is the beginning of a label of solid color, ending in a ribbon like scroll with notched end, which curves around to the left, forms the end of the design and then continues on in reverse curves until it ends, also in a scroll ornament, above, just to left of central disk. It is inscribed "UNITED STATES INTERNAL REVENUE, THREE CENTS." in colorless Roman capitals. Enclosed in its sinuous curves are five circular disks, the first, third, and fifth contain an inner tablet bearing, upon an horizontally lined ground, shaded Roman numerals



of value; the second and fourth, besides this inner tablet, contain still another in the shape of a square placed with its corners up and down, these contain colorless Arabic numerals of value. Where the label fails to enclose these disks, above the second and fourth and below the third and fifth, the space is filled in by a shaded ribbon with scrolled and notched ends, bearing a slightly curved label with rounded ends inscribed "U. S." in colorless Roman capitals upon a ground of solid color. The right end of the stamp is similar in every way excepting that the label is inscribed "BOUSFIELD & POOLE, FRICTION MATCHES, CLEVELAND, OHIO." There are slight exterior ornaments at either end of the stamp outside of the label and above the central disks.

This stamp was ordered engraved April 22, 1867. As in the one cent it was ordered printed in purple July 15th, and but one printing was made in this color; that was of 1900 sheets, or 83,600 stamps. The balance on hand Oct. 31st, was 88,600 and, on Nov. 4th, an order for 73,334 was received, this order was filled in part by the above balance and Messrs. Butler & Carpenter advised the proprietors that the balance of the order could not be filled until a new lot had been prepared. This brought forth the telegraphic order to "print in black," which was dated Nov. 7th, and the balance of the order was filled in that color.

3c. Black.

Die approved May 13, 1867.

First issued Nov., 1867.

No of stamps per sheet 44.

Last issued Oct., 1876.

Total No. issued old paper, 7,019,192.

" " " silk " 6,104,789.

Description :—Design the same as for the three cents purple.

BOUTELL & MAYNARD.

1c. Black.

Die approved Aug. 22, 1873.

First issued Sept., 1873.

No. of stamps per sheet 210.

Last issued Aug., 1875.

Total No. issued, silk paper, 2,140,000.

Description :—Size of engraving 18 x 23mm. A can, or box, bearing a shaded label inscribed in three lines of colored block capitals "BOUTELL & MATCHES.—MAYNARD." The upper and lower lines are slightly curved, the central one is horizontal and is separated from those above and below by dashes. This box is upon an irregular shaped disk with dotted ground bordered by a colorless and a colored line, the latter forming small ornaments at each corner, thus filling the rectangular frame. This is surrounded by a rectangular band of solid color inscribed "U. S. INTER. REV." above; "PROPRIETARY" below and "ONE CENT" at each side in colorless Roman capitals. The words "ONE" and "CENT" are separated at each side by an oval disk



of solid color, outlined by a colorless line bearing a colorless numeral of value. The whole is bordered by two colorless and two colored lines arranged alternately.

This die was originally prepared for use on canned corn by J. Winslow Jones, and the inscription upon the can was then "*Winslow's Green Corn.*" It was bought by Boutell & Maynard and the changes, which cost \$150.00, were ordered made on Aug. 5, 1873.

The partners in the firm of Boutell & Maynard were Paul D. Boutell and J. R. Maynard, of St. Paul, Minn.

BOWERS & DUNHAM.

1c. Green, 1c. Blue.

Die approved July, 1880.	First issued 1880.
No. of stamps per sheet 210.	Last issued June 23, 1881.
Total No. issued, watermarked paper, 3,765,000.	

Description :—Design the same as that of Ives & Judd excepting that the lower label is inscribed "BOWERS & DUNHAM" in colored, block capitals. It is impossible to state the numbers issued in each color.

BROCKETT & NEWTON.

1c. Lake.

Die approved March 23, 1872.	First issued April, 1872.
No. of stamps per sheet 210.	Last issued July, 1875.
Total No. issued, silk paper, 11,770,000.	

Description :—Design the same as that of F. E. Clark, from whom the die was purchased, excepting that the initials "B. & N." are substituted for "F. E. C." in the lower label.

There are two dies of this stamp. In die 1 the initials "B. & N." measure 5 1-4mm across the top. In die 2 these initials are closer together and measure but 4 3-4mm across the top. It is impossible to say which is the earlier die or to separate the number of each variety issued.

The place of business of this firm was Woodbridge, Conn., and they were succeeded by the Clark Match Co., who ordered all stamps from this die after Dec. 1872 and, although the die was finally altered, it was not done until after Aug. 31, 1875.

BROWN & DURLING.

1c. Black.

Die approved May 16, 1865.	First issued June, 1865.
No. of stamps per sheet 210.	Last issued Aug., 1865.
Total No. issued, old paper, 378,000.	

Description :—Size of engraving 19 x 23mm. Full face portrait of Mr.



Brown upon an upright oval with hatched ground. Above, upon a colorless arched label with upturned ends terminating in foliated ornaments, "INTER. REV." in colored Roman capitals. The ends of this label enclose a small, circular disk of solid color in each upper corner, that at left bearing a colorless "U." that at right an "S."

In a label of solid color starting at left just below the end of the upper label and closely following the outline of the central disk until it ends at right, also just below the upper label is "BROWN & DURLING. WADSWORTH, OHIO." in colorless Roman capitals. In lower left corner is a colorless, ribbon-like label enclosing a colorless numeral of value upon an horizontally lined ground; the label is inscribed "FRICTION" in colored, single line capitals. The same in lower right corner excepting that the ribbon is inscribed: "MATCHES." At bottom, between the corner labels, is a fancy, vertically lined disk bearing a straight, colorless tablet inscribed "ONE CENT," also in colored, single line capitals. The upper corners are finished off by a single pearl; the lower by three pearls each. The remainder of the design consists of foliated ornamentation.

The following may be of interest in explaining the change of color in this stamp: On June 17, 1865, Butler & Carpenter write to Brown & Durling as follows: "The first printing of your plate was in black as you know by those received on your first order. Reference made recently to the question recalls the fact that you expressed a preference for red, pink, or yellow. Be kind enough to state whether you desire us to print hereafter in one of these colors or to continue the black? Our first printing was 2000 impressions, or 420,000 stamps. Of course you have not exhausted these yet."

To this Brown & Durling reply, under date of June 23, 1865: "It does not make much difference to us now, you may continue the same color or change it to suit yourselves if you wish."

Finally, before the first printing was exhausted, green was decided upon as the future color, and the next lot were so printed.

Out of the 420,000 printed in *black* 42,000 were spoiled, so that but 378,000 were actually delivered.

1c. Green.

First issued Aug., 1865.

Last issued July 23, 1867.

Total No. issued, old paper, 2,787,500.

L. W. BUCK & CO.

1c. Black.

Die approved June 14, 1870.

First issued June, 1870.

No. of stamps per sheet 210.

Last issued Dec. 5, 1870.

Total No. issued, old paper, 565,000.

Description :-Size of engraving 22 1/2 x 19mm. Three-quarters face portrait, presumably of Mr. L. W. Buck, upon the lightly shaded ground of a shield-shaped tablet bordered by a colorless line between two fine, colored



ones. An arched label of solid color starts from the lower left side of the stamp and ends at the lower right; this is inscribed "L. W. BUCK & CO. CLINTON, IOWA" in colorless Roman capitals. The spaces between this label and the central shield are closely lined horizontally and that at left is inscribed, in colorless, Roman capitals, "MATCHES." At right the inscription is "ONE CENT." in a similar manner, both being curved and reading vertically. At the bottom is a straight, marginal label of color inscribed "U. S. INTER. REV." in colorless Roman capitals. Between the ends of this label and those of the arched one above are small, colored squares with Greek ornamentation. In each of the upper corners placed diagonally, are small shields bearing a colorless numeral of value upon a lined ground. The spaces between these shields and the arched label are filled in with foliated ornamentation, and the whole is surrounded by a line of color which is double at the upper corners.

As will be seen by the above dates of issue this stamp was never printed on the regular silk paper and all specimens showing silk threads must, therefore, be referred to the experimental silk paper.

D. BURHANS & CO.

1c. Black.

Die approved Dec. 8, 1870.	First issued Jan. 1871.
No. of stamps per sheet 210.	Last issued Nov. 1874.
Total No. issued, old paper, 504,900.	
" " " silk "	97,050.

Description:—Size of engraving 19 x 23mm. Three-quarters portrait of D. Burhans to right upon a central tablet with rounded corners and concaved lower outline. This is bordered by a series of small colorless blocks. An arched label of color, starting at the lower left, arching over the top and terminating at the lower right side, is inscribed "D. BURHANS & CO. BURLINGTON, IOWA." At bottom is a slightly curved marginal label of color inscribed "U. S. INTER. REV." Above, upon the vertically lined ground between the top of the central tablet and the arched label, is "MATCHES." All these inscriptions are in colorless Roman capitals. Between the central tablet and the lower label is a colorless panel inscribed "ONE CENT." in colored, block capitals. Scroll ornaments in the upper corners surround an irregularly shaped, diagonally lined tablet bearing colorless numerals of value. The ends of the lower labels are ornamented with scrolls, and below the lower label is a row of nine graduated globules.

CHARLES BUSCH.

1c. Black.

Die approved April, 1880.	First issued May, 1880.
No. of stamps per sheet 210.	Last issued Jan. 20, 1881.
Total No. issued, watermarked paper, 4,166,000.	

Description.—Size of engraving 18 x 22 1-2mm. A rooster to left upon



a shaded rectangular disk with arched top. Below, in colorless label with fancy ends and inside the central disk, "U. S. INTER. REV" in fancy capitals of color. Above, upon a colorless, arched tablet with beveled edges, "CHALLENGE MATCH." At top, in a straight marginal label of solid color outlined by a colorless and a fine, colored line, "CHARLES BUSCH" in colorless Roman capitals. In left upper corner, between marginal and curved labels "NEW" in colored block capitals upon the shaded ground; "YORK" at right in a similar manner. In each lower corner is an oval disk, placed diagonally, bearing a colorless numeral of value upon a shaded ground; between these disks, in a straight marginal label as at top, "ONE CENT." A fine outer line of color at sides and bottom.

BYAM, CARLETON & CO.

1c. Black.

Die approved 1865.

First issued, 1865.

Last issued April 2, 1866.

Total No. issued 8,400,000.

Description.—Size of engraving 41 x 74 1-2mm. The main portion of this stamp is identical with the central rectangle of the wrappers printed by the American Phototype Co., excepting that it is smaller and lacks the band containing the "hands," which in the wrappers immediately surrounds the inscribed, circular band.

Above is a rectangular block, measuring 26 x 10mm, inscribed and ornamented as in the wrapper, excepting that outside of it, at each end, is lightly shaded ornamentation.

Below is another rectangular block; this is outlined by a fine line of color; measures 40 1-2 x 15 1-2mm, and is inscribed in four lines:

*"Manufacturers of
Wax Tapers, Water-Proof, Card,
Block, Wood, & Paper-Box
MATCHES."*

The lower line is in Roman capitals; the balance in upper and lower case Roman.

Photyped upon white tissue paper.

Although it is contended by some that this was a wrapper, and Mr. Carleton himself states that such is his recollection of it, the evidence at hand tends strongly to prove that it was intended, and used, as an *adhesive* upon boxes of matches.

Mr. Carlton bases his statement upon the fact that he did not believe that they put matches up in boxes at so early a period, but this is disproved by both this and *all* of their wrappers, as "*Paper-box matches*" are explicitly mentioned upon them all.

The following extract from a letter to Butler & Carpenter from Byam, Carleton & Co., dated April 2nd, 1866, and referring to their small, steel-engraved stamp, which was then being prepared, is strong proof that this stamp was used as an *adhesive only*.



"It is to take the place of the small-sized made by the Am. Phototype Co., which you told Mr. C(arleton) they had no right to make under your contract." * * *

The weight of the above lies in the statement that Butler & Carpenter claimed that the Phototype Co. had no right to make this stamp. They everywhere admit that they had made arrangements with the Phototype Co. authorizing them to print "*stamped paper*," but they are equally decided in asserting that *no one but themselves* was authorized to print *any kind of an adhesive stamp*.*

The above, in our opinion, is *prima facie* evidence of the manner in which this stamp was used and classes it with the adhesives without the shadow of a doubt.

1c. Black.

Die approved May 17, 1866.	First issued May, 1866.
No. of stamps per sheet 210.	Last issued Dec. 4, 1882.
Total No. issued, old paper 13,445,070.	
" " " silk "	8,325,333.
" " " wmk'd "	8,211,000.

Description :—Size of engraving 19 x 23mm. Three quarters face portraits of Messrs. Byam and Carleton to right upon a circular disk shaded with horizontal lines and bordered by a band of color, between two colorless lines, which is inscribed "MANUFACTURED BY BYAM, CARLETON & CO." above, and "96 FRIEND ST. BOSTON." below in colorless, block capitals. In upper left corner, "U. S." in large, colorless Roman capitals upon an irregular shaped disk shaded vertically "1 CT." in upper right corner in a similar manner. Between these corner disks is a colorless marginal label, outlined by a heavy colorless line between two fine, colored ones, inscribed "MATCHES" in a slightly curved line of colored, block capitals. Below, in a colorless label whose scroll ends form the corner ornaments: "INTER. REV. ONE CENT." in colored block capitals. Above the left end of this label is a colorless "U. "; above the right end, an "S." Slight foliated ornaments at sides, above, and the whole surrounded by a fine outer line of color.

CANNON MATCH CO.

1c. Green.

Die approved Nov. 23, 1877.	First issued Dec., 1877.
No. of stamps on sheet 221.	Last issued 1878.
Total No. issued, pink paper, 1,131,520.	

Description :—Design the same as that of W. D. Curtis† excepting that the lower label is inscribed "CANNON MATCH CO. STILLWATER, MINN."

*See correspondence over the John J. Macklin stamp.

†See p. 163.



CARDINAL MATCH CO.

1c. Lake.

Die approved Feb., 1880.

First issued March, 1880.

No. of stamps per sheet 210.

Last issued May 14, 1881.

Total No. issued, watermarked paper, 13,530,000.

Description :—Size of engraving 17 x 22 1-2mm. A cherub upon an irregular shaped central tablet with beveled edges appropriately shaded. Above, in an arched label of solid color closely following the outline of the central tablet, "U. S. INTER REV." in colorless, Roman capitals in each upper corner there is a circular disk, outlined by a colorless line between two fine colored ones, containing a colorless numeral of value upon a hatched ground. Below, upon a straight label of solid color outlined by a colorless line, "CARDINAL" in rather large, colorless, block capitals; below this, upon a curved label, "MATCH CO." and, still lower, "ST LOUIS, MO." all in colorless, Roman capitals upon a solid ground. At left, in a straight, marginal label of solid color, "ONE"; at right, in a similar manner, "CENT", both in colorless, Roman capitals. Lined groundwork with light, colorless, scroll ornamentation. A pearl at each upper corner and a minute dot of color at each lower one.

FRANK E. CLARK.

1c. Lake.

Die approved April 12, 1870.

First issued May, 1870.

No. of stamps per sheet 210.

Last issued March, 1872.

Total No. issued, old paper, 5,367,820.

" " " silk " 2,779,680.

Description :—Size of engraving 19 x 23mm. Full face portrait of Mr. Clark upon a circular disk, colorless except for light shading, surrounded by a colored and a colorless line. Above, in a curved, scrolled label of solid color the central portion of which projects upwards to the margin of the stamp, "ONE CENT U. S. INTER. REV." in colorless, Roman capitals. The "ONE" and "CENT" are in two lines in the upper projection, with the balance below it. Below, also in a curved label of color, "MATCHES", and, under that in a separate and short central label, "F. E. C." all in colorless Roman capitals. Colorless numerals of value in oval disks at sides. The corners are filled in by lightly shaded, but broad, scrolls, each containing three small, colorless, five-pointed stars, outlined by a fine colored line, and the spaces at the ends of the scrolls contain four small pearls.

This die was afterwards owned and used by the following firms in the order named: Brockett & Newton; Clark Match Co. and F. P. Newton.



JAMES L. CLARK.**1c. Green.**

Die approved April 17, 1873.	First issued June, 1873.
No. of stamps per sheet 210.	Last issued April 2, 1883.
Total No. issued, silk paper, 56,218,758.	
“ “ “ pink “ }	216,084,241.
“ “ “ wmk'd “ }	

Description :—Design the same as for the one cent Park City Match Co. from whom the die was bought, excepting that the upper inscription has been changed to read “JAS. L. CLARK.—OSHKOSH, WIS.” in two lines and, inside the central disk, the word “STAR” is added on the left and “MATCHES.” on the right; both in small, colored, block capitals.

CLARK MATCH CO.**1c. Lake.**

Die approved Feb. 7, 1876.	First issued March, 1876.
No. of stamps per sheet 210.	Last issued, June, 1877.
Total No. issued silk paper, 5,322,000.	

Description :—Design the same as for F. E. Clark and Brockett & Newton, it being the successor of the latter, excepting that the label is extended across the entire stamp, displacing the scroll ornaments, and is inscribed “THE CLARK MATCH CO.” in a curved line. The lower corners are finished off with scroll ornamentation.

Although this company came into possession of the die, then Brockett & Newton's, in Jan., 1873, when they commence to receive stamps from it, there is no record of the same having been changed until February, 1876.

The only mention we find of it is in the following letter from Mr. Carpenter to Mr. Lamsure, dated Sept. 30, 1873 :

“Your letter *is re* Clark Match Co. rec'd. and I shall write to the Comm'r. on the subject.”

HENRY A: CLARK.**1c. Green.**

Die approved Oct. 27, 1877.	First issued Nov., 1877.
No. of stamps per sheet 210.	Last issued Feb., 1878.
Total No. issued, silk paper, 440,160.	

Description :—Size of engraving 19 x 22 1-2mm. Colorless square and compass upon a circular disk, with ground of vertical and horizontal lines, surrounded by a colorless line between two colored ones outside of which the lined ground extends slightly. Upon the ground of this disk, to left of compass, is “CLARK'S,” to right “BEST.” In the diamond formed by the



angles of the square and compass, "HTE MATCH," in two lines. Below, to left of square "TRADE," to right "MARK"; all in colorless, block capitals. Above, in a curved line, "GARDEN CITY" with "ONE" to the left and "CENT" to the right of it. At top, in a slightly curved, marginal label of solid color, "U. S. INTER. REV." At left, in a curved label of solid color, "HENRY A. CLARK", and at right, in a similar label, "CHICAGO, ILL." At bottom is a marginal label inscribed in two lines "PERCUSSION-MATCHES." and in each lower corner, immediately above the ends of the lower label, are colorless numerals of value upon irregularly shaped disks. All the inscriptions not otherwise noted are in colorless, Roman capitals. Scroll and foliated ornaments make up the balance of the design.

The die was afterwards sold to Chas. S. Hale.

CHICAGO MATCH CO.

3c. Black.

Die approved Aug. 14, 1865.

First issued Nov., 1865.

No. of stamps per sheet 170.

Last issued July 17, 1866.

Total No. issued, old paper, 292,666.

Description :—Size of engraving 20 x 26mm. Three-quarters portrait of A. L. Hale, the President of the Company, to right upon the hatched ground of an upright, rectangular disk with rounded upper corners bordered by a colorless line. At top, in a curved marginal label of solid color outlined by colored and colorless lines, "CHICAGO MATCH CO." in colorless Roman capitals. Just below this in a similar manner "CHICAGO." A straight, marginal label of solid color at bottom inscribed in two lines of colorless, Roman capitals, "U. S. INTER. REV.—THREE CENTS." The lower line is broken in the centre by a shield-shaped, colorless disk bearing a colorless numeral of value. At sides ending in foliated ornaments at top and bottom, are straight, marginal labels, that at left inscribed "FRICTION", at right "MATCHES." in colored, block capitals upon a colorless ground.

CRAMER & KEMP.

1c. Black.

Die approved March 15, 1866.

First issued April, 1866.

No. of stamps per sheet 210.

Last issued July, 1869.

Total No. issued, old paper, 13,302,500.

Description :—Size of engraving 19 x 23mm. Three-quarters face portrait upon an horizontally lined oval disk bordered by a colorless line between two colored ones. Above, at each side, a colorless curved label extending from outer frame at side, about 7 mm from top, to outer frame at top about the same distance from corner, that at left is inscribed "CRAMER" that at right "& KEMP", both in colored, Roman capitals. Below, in similar



labels, "EXCELSIOR" at left, "MATCHES." at right in colored, block capitals. In upper left corner, upon a curved label of solid color, the curve being opposite to that of the colorless label, "NEW", at right, "YORK". Below, in similar labels excepting that they are wider and inscribed in two lines, "U. S.-INTER." at left, "U. S.-REV." at right. At sides, also in colored curved labels, "ONE" at left, "CENT" at right. All in colorless, Roman capitals. Above, between ends of colorless labels, a colorless numeral of value; below in a similar manner, a monogram of the letters U. S. Ground of fine lines arranged in pairs; corner ornaments added and the whole bordered by an outer frame of two fine, colored lines.

1c. Blue.

First issued July, 1869.

Last issued Aug., 1875.

Total No. issued, old paper, 10,981,190.

" " " silk " 31,541,102.

Although John Loehr came into possession of this die in June, 1866, and received stamps from it from that time on, no change was made in it. The first intimation which we have of any change being made is contained in a letter to Mr. Carpenter, dated Sept. 12, 1874, in which Mr. Loehr asks whether it will be cheaper for him to have his own name substituted for that of Cramer & Kemp or to have an entirely new die prepared.

CROWN MATCH CO.

1c. Black.

Die approved June 24, 1873.

First issued Oct., 1873.

No. of stamps per sheet 210.

Last issued Aug., 1875.

Total No. issued, silk paper, 346,500.

Description:—Size of engraving 19 x 22 1-2mm. A crown upon an ornamental central tablet with shaded ground and outlined by a frame of colorless and colored lines. Inside the tablet, above the crown, "ONE" in colored Roman capitals; below it a large, colorless "D." Above, upon a vertically lined ground, "CROWN"; below, "MATCH CO." in colorless, Roman capitals. At top, in a straight marginal label of solid color, "U. S. INTER."; below in a similar label, "REVENUE." At sides, in straight, round ended labels of color, "CENT." In lower corners, above the ends of the marginal label, colorless numerals of value upon a reticulated ground. Slight scroll ornamentation above and the whole surrounded by an outer line of color.

All correspondence in relation to this stamp is signed Jas. T. Dillingham or Dillingham & Co., which explains the presence of the "D" below the crown. Their place of business was Glenbeulah, Wis.



W. D. CURTIS.

1c. Green.

Die approved April 30, 1869. First issued Aug., 1869.
 No. of stamps per sheet 221. Last issued Aug., 1873.
 Total No. issued, old paper, 1,654,408.
 " " " silk " 1,827,092

Description :—Size of engraving 20 x 20mm. Shaped as a diamond. A central oval disk showing a pine tree and buck in the foreground, with the rising sun in the left corner. Above, extending from side to side, a curved, ribbon like label inscribed, upon a shaded ground in the central portion, "U. S. INTER. REV." Upon each end of the ribbon is a small, colored label, that at left inscribed "ONE"; that at right, "CENT". Below, in a similar label, except that here the *ends* are shaded and the *central portion* solid color, "W. D. CURTIS," at left, "OSHKOSH, WIS." at right, and "MATCHES" in centre; all in colorless, Roman capitals. In the upper and lower points are circular disks containing a colorless numeral of value upon a solid ground of color; these are flanked with scroll ornamentation to complete the diamond shape; the ends of the lower ribbon are scrolled down the sides and the remainder of the design is filled in with shaded ground.

This die was afterwards sold to the Cannon Match Co.

G. W. H. DAVIS.

1c. Black.

Die approved Oct. 18, 1875. First issued Nov., 1875.
 No. of stamps per sheet 210. Last issued Jan. 26, 1883.
 Total No. issued, silk paper, black, 1,932,000.
 " " " wkkd. " carmine, 752,000.

Description :—Design the same as the Griggs & Scott * excepting that the left side label is inscribed "G. W. H. DAVIS."

The die was purchased from Griggs & Scott and Mr. Davis used stamps from their die for a good while before having it altered as above.

W. E. DOOLITTLE.

1c. Blue.

Die approved Jan. 23, 1866. First issued March, 1866.
 No. of stamps per sheet 210. Last issued Nov. 2, 1867.
 Total No. issued, old paper, 693,283.

Description :—Size of engraving 23 x 19mm. Three-quarters portrait of Mr. Doolittle to left upon the shaded ground of an upright oval bordered by a colored and a colorless line. This is made into a circular disk by the addition of horizontally lined crescents at sides, and the whole is bordered by a band of color between two colorless lines, which is inscribed "INTER.

* See p. 176.



REV" above; "W. E. DOOLITTLE," at left; and "HAYESVILLE, OHIO." at right, in colorless, Roman capitals. Outside of this, at left, is a colorless label, closely following the outline of the circular band, inscribed "ONE CENT." in colored, block capitals. At right, in a similar manner, "MATCHES". Foliated ornaments in the corners enclose horizontally lined disks; those above bearing, in colorless capitals, "U" at left and "S" at right; those below bearing colorless numerals of value. There are three small globules at top and bottom at the ends of these foliated ornaments.

E. P. DUNHAM.

1c. Green.

Die approved	First issued June 10, 1881.
No. of stamps per sheet 210.	Last issued Jan. 17, 1882.
Total number issued, watermarked paper, 2,680,020.	

Description :—Size of engraving 19 x 24mm. An United States shield upon a circular central tablet which is surrounded by a colorless line between two colored ones and has an horizontally lined ground. Above, upon a colorless curved label with scroll ends, "E. P. DUNHAM," in colored, Roman capitals. Below, also upon a colorless and fancy shaped tablet, "WEST CHESHIRE,—CONN." in two lines of colored capitals; the upper being block letters and the lower Roman. Circular disks in each corner bearing a colored numeral of value upon a lined ground.

In colored marginal label at left, "U. S. INTER. REV.;" at right "ONE CENT." in colorless, Roman capitals. Vertically lined ground; a fine outer line of color surrounding the whole.

JAMES EATON.

1c. Black.

Die approved March 15, 1866.	First issued May, 1866.
No. of stamps per sheet 210.	Last issued Feb. 28, 1883.
Total number issued, old paper, 20,864,970.	
" " " "	silk " 36,203,136.
" " " "	pink " } 45,089,847.
" " " "	wmk'd " }

Description :—Size of engraving 19½ x 23mm. Three-quarters face portrait of Mr. Eaton to left upon an oval disk with an horizontally lined ground, and bordered by a colorless line between two colored ones. Above, suspended by a cord from the frame of this central disk, is a slightly curved, colorless label, inscribed "MATCHES." in colored, block capitals. In each corner are semi-circular labels of solid color, those above are inscribed "JAS. EATON," at left, "UTICA, N. Y." at right; while below the left one reads "U. S. INTER." and the right "REVENUE." Between these labels and the central disk, upon a ground of horizontal lines, "ONE" at each side above,



"CENT" below. All in colorless Roman capitals. An oval of solid color at sides bearing colorless numerals of value. Foliated ornamentation at corners and centre of sides, top and bottom.

E. B. EDDY.

1c. Carmine.

Die approved 1880.

First issued Nov. 26, 1880.

No. of stamps per sheet 210.

Last issued May 16, 1881.

Total No. issued, watermarked paper, 9,513,000.

Description:—Size of engraving 19 x 23mm. An eagle, with upraised wings, to left, perched upon a shield and its right claw grasping an olive branch; its left a sheaf of seven arrows, and both holding a colorless ribbon. Above is a slightly curved, colorless panel inscribed "OGDENSBURG, N. Y." in colored, block capitals. At each side, unenclosed, "ONE CENT" in colored, Roman capitals. Above and below are straight, marginal labels of color; that above inscribed "E. B. EDDY"; that below "U. S. INTER. REV." in colorless, Roman capitals. In the upper corners are circular disks of color bearing colorless numerals of value. Slight outline ornamentation above and at the lower ends of the side inscriptions, and an outer line of color bordering the whole.

AUG. EICHELE.

1c. Black.

Die approved May 31, 1865.

First issued June, 1865.

No. of stamps per sheet 210.

Last issued Feb. 16, 1869.

Total No. issued, old paper, 10,715,000.

Description:—Size of engraving 19 x 23mm. Three-quarters portrait of Mr. Eichele to right upon an oval disk with hatched ground and bordered by a colorless line. Above, in a fancy frame, a disk of solid color inscribed in three lines of colorless, Roman capitals, "U. S.—INTER.—REV." with a small five-pointed star in the lower left corner. At either side of this inscription is a shield, placed diagonally, crossed by a colorless label, that at left inscribed "ONE," that at right "CENT." Below, in similar positions and with the same inscriptions, are two more shields, placed upside down. Inscriptions are in colored, block capitals. At bottom is a disk, somewhat similar to that above, inscribed "MATCHES," the "T" of that word falling upon a large, colorless numeral of value, and being in color, while the rest of the word is in colorless, block capitals. At left side, upon a ground of solid color, "AUG. EICHELE," in a curved line of colorless, Roman capitals, and with three pearls between its centre and the oval disk. At right, in a similar manner, "ST. LOUIS, MO." Heavy, colorless ornamentation at top, bottom and sides.



P. EICHELE & CO.

1c. Blue.

Die approved Aug. 3, 1866.	First issued Aug., 1866.
No. of stamps per sheet 210.	Last issued Aug., 1875.
Total No. issued, old paper, 33,382,100.	
" " " silk "	40,837,000.

Description:—Size of engraving 19 x 23mm. An eagle, with extended wings and head turned to left, perched upon a rock, and its left claw resting upon an United States shield. Above, upon a colorless ribbon, with scrolled and notched ends, "ST. LOUIS, MO." Below, at left, in a curved line, "MATCHES"; at right, "ONE CENT." in colored, Roman capitals. At top, in a straight marginal label of solid color, outlined by colorless lines, "P. EICHELE & CO."; below, in a similar label, "U. S. INTER. REV.", both in colorless, Roman capitals. In each corner, just above or below the ends of the marginal labels, is a circular disk of color, with shaded triangular ornaments at either side, bearing a colorless numeral of value. The whole is surrounded by an outer line of color.

This firm was succeeded by Eichele & Co., to whom it sold its dies, etc.

EICHELE & CO.

1c. Blue.

Die approved Jan. 10, 1876.	First issued Feb., 1876.
No. of stamps per sheet 210.	Last issued Feb. 23, 1883.
Total No. issued, silk paper,	} 131,532,903.
" " " pink "	
" " " wmk'd. "	
" " " " " rouletted,	

Description:—Design the same as for P. Eichele & Co., from whom the die was bought, excepting that the upper label is inscribed "EICHELE & CO."

J. W. EISENHART.

1c. Blue.

Die approved Dec. 13, 1875.	First issued Jan., 1876.
No. of stamps per sheet 210.	Last issued May 16, 1881.
Total No. issued, silk paper,	} 9,046,000.
" " " pink "	
" " " wmk'd. "	
" " " " " rouletted,	

Description:—Design the same as that of Alexander's Matches,* excepting that "J. W. EISENHART'S" is substituted for "ALEXANDER'S" in the upper portion of the central disk.

*See p. 139.



EXCELSIOR MATCH CO. WATERTOWN, N. Y.**1c. Black.**

Die approved Aug. 29, 1872.

First issued Aug., 1872.

No. of stamps per sheet 210.

Last issued Jan., 1874.

Total No. issued, silk paper, 2,352,350.

Description:—Size of engraving 19 x 23mm. Coat of Arms of the State of New York surrounded by a circular band of solid color between two colorless lines. This band is inscribed "EXCELSIOR MATCH CO." above, and "WATERTOWN, N. Y." below in colorless, Roman capitals. Above, a colorless, curved label whose ends curve upwards and enclose small, circular disks of solid color in each corner; the left disk bears a colorless "U"; the right an "S", and the label itself is inscribed "INTER. REVENUE." in colored, Roman capitals. Over this, in an opposite curve, "ONE CENT." in colorless Roman capitals. Between these two inscriptions is an oval disk of solid color inscribed "1 Ct." Below, at left, a colorless, curved label inscribed "FRICTION"; at right, in a similar label "MATCHES" in colored, Roman capitals. Between circular band and label above, at each side, is a trefoil ornament, outlined in colorless lines upon a ground of vertical lines. Foliated corner ornaments in lower corners, and at top, with slight ornamental lathe work at sides.

All of the correspondence relative to this stamp was carried on in the name of Chas. W. Moffett, who succeeded Earl & Jacobs as proprietor of the Co.

EXCELSIOR MATCH CO., SYRACUSE, N. Y.**1c. Black.**

Die approved Feb. 17, 1875.

First issued April, 1875.

No of stamps per sheet 210.

Last issued June 29, 1882.

Total No. issued, silk paper, 5,853,200.

"	"	"	pink	"	}	10,541,800.
"	"	"	wmk'd.	"		

Description:—Exactly the same as the Excelsior Match Co. of Watertown, N. Y. excepting that the lower portion of the circular band is inscribed "SYRACUSE, N. Y."

EXCELSIOR MATCH CO. BALTIMORE.**1c. Blue.**

Die approved Jan. 29, 1867.

First issued Feb. 21, 1867.

No. of stamps per sheet 210.

Last issued Aug., 1872.

Total No. issued, old paper, 25,405,440.

"	"	"	silk	"	6,783,889.
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Description:—Size of engraving 19 1-2 x 23mm. Figure of a youth bearing a banner inscribed in small, colored, block capitals "EXCELSIOR". Above in a curved line of colored Roman capitals, "EXCELSIOR;" below,



also in a curved line, but in block capitals, "WATERPROOF MATCH." At top is a straight, marginal label of solid color inscribed "BALTIMORE"; below, a similar label inscribed "U. S. INTER. REV." both in colorless, Roman capitals. At left side, also in a colored marginal label, "ONE"; at right "CENT". Colorless numerals of value upon a circular disk in the corners above or below the ends of the marginal labels at top and bottom. Light, foliated ornamentation and shade lines complete the design, which is surrounded by a fine outer line of color.

This die, although belonging to Lord & Robinson, who formed the company, was originally registered and approved as the property of one C. J. Donnelly. In some way Mr. Donnelly became involved in a dispute with the real proprietors of the die and refused to allow them the use of it. The matter was referred to the Bureau at Washington for adjustment, and they decided that the best way out of it was for Mr. Carpenter to submit a new model, of the same design, to the Department, the same to be approved in the name of the real owners. This was done; and, on Jan. 28, 1870, Mr. Carpenter wrote to Lord & Robinson informing them that *the design had been approved for their use*. It is, so far as we know, the only case where the same design was twice approved.

In Aug. 1872, the die, plate, etc., was sold to the Maryland Match Co.

G. FARR & CO.

1c. Black.

Die approved Feb. 23, 1865.	First issued March, 1865.
No. of stamps per sheet 210.	Last issued March 5, 1868.
Total No. issued, old paper, 1,621,290.	

Description:—Size of engraving 19 x 23mm. Three-quarters portrait of Mr. Farr to left upon the hatched ground of an oval disk bordered by a colorless line. Above, in a curved label whose ends curve upwards and, enclosing a small disk of solid color in each corner end in foliated ornaments, "INTER. REVENUE." in colored capitals. The corner disk at left bears a colorless "U." that at right a colorless "S". Just below this label, upon the horizontally shaded ground, is a small oval disk of color containing a colorless numeral of value and at its left is "ONE"; at its right "CENTS", in a slightly curved line of colorless capitals. At sides and below is a semi-circular label of solid color inscribed "G. FARR & CO. BOSTON, MASS." in colorless capitals. Outside of this at the lower left side is a curved, colorless label inscribed "FRICTION" and, in a similar manner at right "MATCHES." in colored capitals. All of the inscriptions are in Roman letters. Heavy foliated ornaments at sides above; fancy ornaments in the lower corners and the whole surrounded by an outer line of color.

L. FRANK.

1c. Brown.

Die approved Feb. 12, 1876.	First issued March, 1876.
No. of stamps per sheet 210.	Last issued 1880.



Total No. issued, silk paper, 2,560,320.

Description :—Size of engraving $22\frac{1}{2} \times 18$ mm. A pelican with its nest and four young ones in an horizontal oval, somewhat heavily shaded and bordered by a broad, colored band outlined by a colorless line between two fine, colored ones. This band is inscribed "LOUISIANA" above, and "MATCHES" below. At top there is a straight, marginal label of solid color, with rounded ends, inscribed "U. S. INT. REV."; below, in a similar label, "L. FRANK"; at left side, "ONE", and at right "CENT." All the inscriptions are in colorless Roman capitals upon a ground of solid color. At each corner is a shield shaped disk containing a colorless numeral of value upon a lined ground, below this is a small, geometric pattern of lathe-work. The whole is made perfectly rectangular by the ground of oblique lines and small corner ornaments are added.

This die was ordered June 29th, 1875 by L. Frank, *Agent of the Louisiana Match Manufacturing Co., of New Orleans, La.* The following note appears in Mr. Carpenter's Engraving Order book: "Frank's die was not approved by the Government during our contract. The frame work only was executed and was transferred by us to our successors. The Nat'l. Bank Note Co."

GARDNER, BEER & CO.

1c. Black.

Die approved Nov. 9, 1877.

First issued Dec., 1877.

No. of stamps per sheet 210.

Last issued May 25, 1878.

Total No. issued, pink paper, 1,768,410.

Description :—Size of engraving $18 \times 22\frac{1}{2}$ mm. An old-fashioned wood-burning locomotive upon a circular disk with shaded ground bordered by a fine line of color and a heavier, colorless line; outside of this is a circular band containing on its outer and inner edges a row of colorless pearls. This band, which is of solid color above and below and of shade lines at each side, is inscribed "MATCHES" above, and "CHICAGO ILL." below. Above this, in a curved label of solid color which closely follows the outline of the band itself and is outlined above by a heavy colorless line, is "GARDNER, BEER & CO." Below, in a similar manner, "U. S. INTER. REV."; at the bottom, in a marginal label of color, "ONE CENT". All of the inscriptions are in colorless, Roman capitals. The upper corners each contain a large, fancy, colorless numeral of value in a rectangular disk of solid color. Foliated ornamentation upon a solid colored ground completes the design.

WM. GATES.

1c. Black.

Die approved July 6, 1864.

First issued Sept., 1864.

No. of stamps per sheet 210.

Last issued Aug., 1875.

Total No. issued, old paper, 82,011,990.

" " " silk " 68,925,752.

Description :—Size of engraving $19\frac{1}{2} \times 22\frac{1}{2}$ mm. Three quarters por-



trait of Mr. Gates to right upon a circular disk with hatched ground and bordered by a heavy colorless and a fine colored line. Above, in a colorless, curved label with round ends, "ONE CENT". Below, also in a curved, colorless label, "FRANKFORT, N. Y." These inscriptions are in colored Roman capitals. Commencing at upper left side and forming a large segment of a circle ending at upper left side is a label of solid color inscribed "U. S. INTER." at left; "REVENUE." at right, and "WM. GATES." below, in colorless Roman capitals. This label is separated from the central disk at sides by a colorless ground shaded horizontally with fine colored lines arranged in sets of two, each set being separated from that above and below by a colorless space. There is a colorless numeral of value upon a shaded disk in each lower corner and, between them in a straight marginal label with truncated corners at the bottom is the word: "MATCHES" in colored, Roman capitals. Large, foliated ornaments in upper corners and surrounding disks in lower corners, all upon a shaded ground, complete the design.

There are two dies of this stamp which differ as follows :

DIE 1.—There is a small, colorless space at either end of the label inscribed "FRANKFORT, N. Y." The shirt collar is absolutely colorless ; the horizontal shade lines in the spaces at sides and bottom of the central disk consist of two fine lines of color separated by an equally fine colorless line and each set of two by a wider, colorless one. There is a fine, colored line just inside this shaded space which begins under the "R" of "INTER." and extends down, closely following the general outline, ending at the outer point of the curved line forming the upper portion of the white space above the label inscribed "FRANKFORT, N. Y." Here it begins again, this time close to the *inner line* of the shaded space and opposite the "S" of "U. S.", and extends clear around the central disk to the point where the inner point of the foliated ornament above the "R" of "REVENUE" touches the outer frame line of the central disk.

DIE 2.—There is no colorless space at the ends of the label inscribed "FRANKFORT, N. Y." The shirt collar has three broken lines of shading on the left side of the extreme upper portion and several more lines, or dots, on the small portion showing at right. The two fine lines of shading in the spaces at sides and bottom of central disk are merged into one with merely a suspicion of an intermediate fine, colored line between them ; this starts from the outer edge of the space and is more of a point than a line. The fine, colored line which, in Die 1, starts under the "R" of "INTER.", is wanting altogether ; its place being taken by an extra line of color extending all around the central disk, or the white band which surrounds it, thus forming a double-lined frame.

There is no way of separating the stamps printed from these two plates. Die 1 was undoubtedly the first as it is by far the most common on old paper ; in fact Die 2 on old paper is quite rare. It will also be noticed that Die 2 corresponds exactly with the Wm. Gates' Sons stamp, which also goes to prove that it was the later of the two.



The following entry, copied from Butler & Carpenter's journal is self-explanatory: "May 31, 1867. Engraving to Wm. Gates. In accordance with an

Understanding had with him that he should be credited with this am't. when he ordered 20,000,000 stamps or more. The same as with D. M. Richardson, \$600.00.

3c. Black.

Die approved Feb. 28, 1865.	First issued March, 1865.
No. of stamps per sheet 42.	Last issued March, 1876.
Total No. issued, old paper, 20,122,200.	
“ “ “ silk “	13,338,054.

Description :—Size of engraving 135 x 15 1-2mm. Three-quarters portrait of Mr. Gates to right upon a central, circular disk with hatched ground and surrounded by a colorless band between two fine lines of color. At each side of this disk is a ground of horizontal shade lines terminated at its outer end by two trefoil ornaments extending from the upper and lower frames and their points meeting in the centre. Long, irregularly shaped tablets at each end; that at left inscribed, in three lines of colorless, Roman capitals upon an hatched ground, "WM. GATES,—FRANKFORT, NEW YORK.—MATCHES." The right tablet is inscribed "U. STATES—INTERNAL REVENUE.—THREE CENTS." At each end of these tablets are large, lightly shaded numerals of value which are crossed by the central line of the inscriptions, thus, in the left label the left hand numeral bears the "A" and part of the "N" of "FRANKFORT" across its centre; while the right hand one bears the "R" of "YORK." In the right hand label the numeral at left bears parts of the "T" and "E" of "INTERNAL" and the right one parts of the "U" and "E" of "REVENUE." The whole design is surrounded by a frame consisting of a heavy, colorless line between two fine lines of color; a wide, vertically shaded band, and an outer line of color. Outside of this, filling in the depressions at top, bottom, and ends, is light foliated ornamentation.

3c. Black.

(3. 1c. Stamps.)

Die approved March, 1876.	First issued April, 1876.
No. of stamps per sheet 72.	Last issued Sept., 1877.
Total No. issued, silk paper, 10,309,032.	

Description :—Size of engraving 122½ x 10mm. This is for the three stamps, each one separately measures 122½ x 3¼mm., and they were always issued perforated in vertical strips of three. At each end, upon a square of solid color, is a colorless numeral of value (1); at left, "U. S. INTER. REV." surrounded by a rectangle of colorless dots. To right of this "MATCHES—ONE CENT—WM. GATES." There is a small foliated ornament before and after "MATCHES" and after "GATES" and a Maltese cross before and after "ONE CENT". At right end, similar to that at left, "FRANKFORT, N. Y." All in colorless Roman capitals upon a solid ground of color. Each block of three is surrounded by a fine outer line of color, with a single line between the stamps.



6c. Black.

Die approved July 11, 1864. First issued Sept., 1864.
 No. of stamps per sheet 42. Last issued April 11, 1871.
 Total No. issued, old paper, 484,433.

Description :—Size of engraving 132½ x 15mm. Design exactly as for the first three cent stamp excepting that the lower line of the inscription in the right tablet reads "SIX CENTS." and the numerals of value are changed to correspond.

No stamps from this plate were ordered between July, 1866, and April 11, 1871, but on the latter date 210 were issued.

WM. GATES' SONS.**1c. Black.**

Die approved Sept. 4, 1877. First issued Sept., 1877.
 No. of stamps per sheet 210. Last issued Feb. 26, 1883.

Total No. issued,	silk paper,	6,472,944
" " "	pink "	} 107,248,555.
" " "	wmk'd "	
" " "	" rouletted	

Description :—Design the same as that of Wm. Gates* excepting that the lower inscription in the long, curved label reads: "WILLIAM GATES' SONS." in small block capitals.

3c. Black.

Die approved Sept. 3, 1877. First issued Sept. 1877.
 No. of stamps per sheet 72. Last issued prior to Oct. 1, 1880.

Total No. issued,	silk paper,	} 21,858,000.
" " "	pink "	
" " "	wmk. "	

Description :—The last three cent die of Wm. Gates altered to read "WILLIAM GATES' SONS." in slanting, block upper and lower case type.

A. GOLDBACK & CO.**1c. Green.**

Die approved June 25, 1874. First issued July, 1874.
 No. of stamps per sheet 210. Last issued Aug., 1875.
 Total No. issued, silk paper, 3,586,403.

Description :—Size of engraving 19 x 23mm. Coat of Arms of the State of Virginia, with the motto "SIC SEMPER TYRANNIS" in a curved line of very small colored block capitals above, upon an irregular shaped disk, interiorly shaded and ornamented with lathework in geometric designs, sur-

*See p. 169-170.



rounded by a heavy, shaded, colorless line between two fine colored lines. Inside this disk, in a curved line of colored, Roman capitals, "PROPRIETARY." above and "ONE CENT." below. Curved marginal labels of solid color outlined by a colorless line at top, bottom and sides; that at top inscribed "U. S. INTER."; below "REVENUE."; at left "A. GOLDBACK & CO."; and at right "RICHMOND, VA.", all in colorless, Roman capitals. In each corner, placed diagonally, is an oval disk outlined by a colorless and a colored line containing a colorless numeral of value upon a shaded ground. Horizontal shade lines fill in spaces at corners between labels and frame of central disk. A fine outer line of color at top, bottom and sides complete the design which is of the shape of an upright rectangle with rounded corners and an outward curve at the centre of each of its four sides.

A. GOLDBACK.

1c. Green.

Die approved Oct. 16, 1875.

First issued Nov., 1875.

No. of stamps per sheet 210.

Last issued 1877.

Total No. issued silk paper	} 1,974,644.
" " " pink "	

Description.—The same as A. Goldback & Co., the die having been altered by changing the left label so as to read "A. GOLDBACK."

THOS. GORMAN & BRO.

1c. Green.

Die approved Aug. 16, 1865.

First issued Nov., 1865.

No. of stamps per sheet 210.

Last issued Aug., 1875.

Total No. issued old paper,	5,198,500.
" " " silk "	3,205,000.

Description.—Size of engraving $19\frac{1}{4} \times 23$ mm. Three-quarters portrait of Mr. Thos. Gorman to left in an octagonal disk with hatched ground and bordered by a wide, colorless line. At top, in a slightly arched label of solid color, "U. S. INTER. REV." Straight, marginal labels of solid color at bottom and sides; that at bottom inscribed "ONE CENT."; at left "T. GORMAN & BRO."; and at right "WESTVILLE, CONN." These labels are all outlined by colorless lines. The space between central disk and these labels is horizontally lined and, upon this space above, unenclosed, is "FRICTION"; below, "MATCHES". All of the inscriptions are in colorless, Roman capitals. Small triangular ornaments in upper corners and between the central disk and the ends of the words "FRICTION" and "MATCHES." Colorless numerals of value upon a square of solid color in each lower corner and the whole, excepting these lower corner squares, surrounded by a fine outer line of color.

After August, 1870, these stamps were ordered by and delivered to, one Hotchkiss, and a Mr. Chas. R. Pope.



1c. Black.

Die approved Aug. 16, 1865.

First issued Feb. 27, 1867.

No. of stamps per sheet 210.

Last issued June 25, 1867.

Total No. issued, old paper, 210,000.

Description :—Design the same as for the one cent green.

This stamp was first printed in green but, under date of Feb. 1, 1866, the proprietors wrote to Butler & Carpenter as follows: "You will please have them struck off in color similar to the color herewith enclosed,* as from the manner I put them on the boxes they don't require to be cancelled; green I don't fancy much."

To this Butler & Carpenter replied, under date of Feb. 5, 1866, as follows: "We have printed for you in green, this being the color you had adopted, three thousand impressions, 630,000 stamps. * * * We trust you will not be seriously inconvenienced by this action, taken solely in your interest. We would prefer to print in black than green and we will hereafter do so upon exhaustion of our present balance."

The stamps were finally printed in black early in October, 1866, and, upon being advised of such action, the Messrs. Gorman replied as follows, under date of Oct. 24, 1866:

"You will please continue the same color." They enclosed in this letter a marginal strip from a sheet of their stamps printed in *green* which explained what they meant by "the same color." However, the stamps had been already printed in black, so they had to exhaust the supply of that color before any more could be printed in green, which was done, and, in June, 1867, they again began to use the green stamps.

THOMAS GORMAN.**1c. Green.**

Die approved March 3, 1876.

First issued March, 1876.

No. of stamps per sheet 210.

Last issued prior to Oct. 1, 1880.

Total No. issued, silk paper	} 3,265,000.
" " " pink "	
" " " wmk. "	
" " " "	

Description :—The design of Thomas Gorman & Bro. altered so that the left label reads "THOMAS GORMAN."

GREENLEAF & CO.**1c. Green.**

Die approved Oct. 1, 1864.

First issued Oct., 1864.

No. of stamps per sheet 210.

Last issued May, 1873.

Total No. issued, old paper, 12,068,849.

" " " silk " 5,449,019.

Description :—Size of engraving 19 x 22½mm. A phoenix arising from the flames upon a circular disk of shaded ground bordered by a band of solid

*Black.



color between two colorless lines; this band is inscribed "MILWAUKEE, WIS." above and "U. S. INTER. REV." below in colorless, Roman capitals, and there is a small, colorless, five-pointed star at each side separating the inscriptions. Above, upon the shaded groundwork and unenclosed, "MATCHES", in a curved line of colorless, but exteriorly shaded, Roman capitals. Above this is a colorless, curved label inscribed "GREENLEAF & CO." and at top, just above and near the ends of this label, are two oval disks of solid color bearing colorless numerals of value. Below, at each side, is an irregular, curved label, colorless except for its shaded ends, that at left is inscribed "ONE"; that at right "CENT". Heavy, foliated ornamentation at sides below upper label and lathwork in lower corners. The upper and lower labels are inscribed in colored Roman capitals and the whole is bordered by a fine outer line of color.

This die was subject to many changes of ownership, though not all of them are indicated by any changes on the die itself.

Commencing with the order of Jan. 26, 1867 the "Greenleaf" stamps were ordered by The First National Match Co. (Hunn & Co.) of Milwaukee, Wis.

On Aug. 13, 1867 they were ordered by Barber & Co., also of Milwaukee, who continued to receive them up to Dec. 31st of that year.

Commencing with May, 1868, by Barber & Peckham and, after August of that year, by Barber & Co. again, until they were succeeded by Barber, Jones & Co., in Dec., 1872. After them came Eugene A. Jones & Co.,—in Jan., 1874; Kirby & Jones; and Kirby & Son. The stamp bears the various cancellations, or "surcharges," of these firms, but they are mostly very indistinct.

3c. Carmine.

Die approved Oct. 1, 1864. First issued Nov., 1864.

No. of stamps per sheet 170. Last issued Dec., 1872.

Total No. issued, old paper, 4,819,904.

" " " silk " 1,107,202.

Description :—Size of engraving 26 x 20mm. A phoenix rising from the flames upon a shaded, central disk. Above, but inside the disk, is a colorless, curved, ribbon label with scrolled and notched ends, inscribed "MILWAUKEE, WIS."; below, on a colorless scroll label "MATCHES", both in colored Roman capitals. There is a large, colored numeral of value inside the disk at either side near the lower corners. Curved, marginal labels of color at top and bottom and straight ones at sides; that at top is inscribed "GREENLEAF & CO."; at bottom "U. S. INTER. REV.", at left "THREE", and at right "CENTS", all in colorless, Roman capitals. Foliated ornaments around the ends of the labels in the corners.

5c. Orange.

Die approved Oct. 1, 1864. First issued Nov., 1864.

No. of stamps per sheet 170. Last issued Aug., 1872.

Total No. issued, old paper, 1,096,032.

" " " silk " 68,000.

Description :—Design the same as for the three cent with value altered.



GRIGGS & GOODWILL.

1c. Black.

Die approved July 3, 1873. First issued March, 1874.
 No. of stamps per sheet 210. Last issued Dec., 1874.
 Total No. issued, silk paper, 556,920.

Description :—The die of L. G. Hunt* with the inscription on the left side altered to read "Griggs & Goodwill" in smaller letters.

1c. Green.

First issued Dec., 1874. Last issued, July, 1875.
 Total No. issued, silk paper, 240,910.

Griggs & Goodwill sold out to Ransom, Clark & Co., of South Chicago, Ill. early in 1875 and in April of that year the latter firm wrote to Mr. Carpenter asking terms for inserting their name in place of that of Griggs & Goodwill. The change was never made, but, commencing in June, 1875, the new firm commenced to use the stamps from their predecessors' plate. This explains the black over print "R. C. & Co.—July 1,—1875." which is commonly seen on the green Griggs & Goodwill stamp.

GRIGGS & SCOTT.

1c. Black.

Die approved Sept. 28, 1864. First issued Oct., 1864.
 No. of stamps per sheet 210. Last issued Aug., 1875.
 Total No. issued, old paper, 19,960,000
 " " " silk " 11,067,000.

Description :—Size of engraving 19 x 28mm. Three-quarters portrait of Mr. A. J. Griggs to right upon a circular disk, with hatched ground, and bordered by an heavy colorless line between two fine, colored lines. Above, in a curved line of colored Roman capitals, "IRON CITY"; below, in a similar manner, "PERCUSSION", and, below that, in a straight line, "MATCHES", all unenclosed upon a colorless ground. A curved marginal label at top and straight ones at sides and bottom. That above is inscribed "U. S. INTER. REV."; at bottom, "ONE CENT."; at left, "GRIGGS & SCOTT", and at right, "PITTSBURGH, PA.", all in colorless, Roman capitals, upon a ground of solid color. In each lower corner there is a square of solid color bearing a colorless numeral of value; part of the ground between the marginal labels and central disk contains fine lathework; triangular ornaments of solid color are added in the upper corners, and the whole is bordered by a fine outer line of color, except at the lower corners, where this line meets the ends of the colored squares.

*See pp. 180.



This die afterwards passed into the possession of G. W. H. Davis, which accounts for the overprint "D. & Co." with date, commonly found on the stamp on silk paper.

CHAS. S. HALE.

1c. Green.

Die approved Nov. 24, 1877. First issued Dec., 1877.
 No. of stamps per sheet 210. Last issued April, 1878.
 Total No. issued, pink paper, 330,000.

Description :—Design the same as that of Henry A. Clark*, whom Mr. Hale succeeded, excepting that the inscription above the left arm of the compass now reads "HALE'S", and the left side label is altered to "CHARLES S. HALE."

HENNING & BONHACK.

1c. Blue.

Die approved May 18, 1868. First issued July, 1868.
 No. of stamps per sheet 210. Last issued Nov. 9, 1869.
 Total No. issued, old paper, 2,582,500.

Description :—Size of engraving 19 x 23mm. A shield shaped central disk outlined by a colored line and inscribed in eight lines of colored capitals, "HENNING-AND-BONHACK-MANUFACTURERS,-HUDSON CITY, N. J.-D. E. GREGORY-SOLE AGENT,-NEW YORK." Upon a colorless ground. The second, fourth, seventh and eighth lines are block type; the balance Roman, and the first, third and seventh lines are slightly curved, while fancy dashes surround the first three lines. Above, in a colorless, curved label, whose ends curve up, and enclosing disks of solid color in the upper corners, end in foliated ornaments, "INTER. REVENUE" in colored Roman capitals. There is a colorless "U" in the left corner disk and an "S" in the right one. Colorless numerals of value upon small colored disks in the lower corners, the disks being enclosed in curved, colorless labels; that at left inscribed "FRICTION"; at right "MATCHES", in small block letters of color. Below, in the centre, superimposed upon a fancy disk of solid color, is a straight, colorless label inscribed "ONE CENT" in colored block capitals. There are foliated ornaments at sides and three small pearls in the lower corners.

W. E. HENRY & CO.

1c. Red; 1c. Black.

Die approved First issued Nov. 18, 1880.
 No. of stamps per sheet 210. Last issued Oct. 21, 1882.
 Total No. issued, watermarked paper, 4,956,000.

Description :—Size of engraving 18½ x 22mm. A masonry arch with

*See p. 160.



the rising sun showing through it. The keystone of the arch bears a colorless "K" and just below, in a curved line following the outline of the arch, is "EAST STROUDSBURG, PA." in colored block capitals. Just below this, upon the sun's radii, are a pair of crossed keys. Above, upon a colorless, curved and bevelled edge panel extending entirely across the stamp, is "KEystone MATCH," and below it, also in a colorless curved label, is "MANUFACTURERS.", both in colored, Roman capitals. Below, in a colorless, curved label, with scroll ends, "U. S. INTER. REV." In each lower corner is an oval disk of solid color, placed diagonally, and bearing a colorless numeral of value, and, between these disks, in a straight, marginal label of solid color, "ONE CENT." These last two inscriptions being in Roman capitals. At top is a straight marginal label of solid color inscribed "W. E. HENRY & CO." in colorless, block capitals. That portion of the stamp below the upper marginal label is framed at top and sides by fine colored lines separated by fine colorless ones. There is some slight ornamentation, and the whole is bordered by a fine outer line of color.

1c. Black.

First issued

Last issued

Total No. issued, wmk'd. paper.

J. G. HOTCHKISS.

1c. Green.

Die approved Dec. 6, 1873.

First issued June, 1874.

No. of stamps per sheet 210.

Last issued Jan. 12, 1881.

Total No. issued, silk paper, 2,640,000.

"	"	"	pink	"	} 5,769,733.
"	"	"	wmk'd.	"	

Description:—Originally the die used by G. Farr & Co.*; the semi-circular label is altered to read "THE J. G. HOTCHKISS MATCH CO."; the lower left hand one reads "WEST HAVEN," and the lower right one "CONNECTICUT."

B. & H. D. HOWARD.

1c. Lake.

Die approved Sept. 28, 1864.

First issued Oct., 1864.

No. of stamps per sheet 210.

Last issued Nov., 1864.

Total No. issued, old paper, 2,096,630.

Description:—Size of engraving 19 x 23mm. An eagle to right poised with upraised wings upon a rock, in a circular disk. Above, in a curved label of solid color whose ends curve down and under, enclosing an almost circular disk bearing a colorless, five-pointed star upon a shaded ground,

*See p. 168.



"TELEGRAPH MATCHES"; above, "NEW," in lower left end, and "YORK" in lower right end. Above, in the centre, a shield with a foliated ornament at either side of it. At left a label of solid color curving around the lower corner and up to central disk inscribed "B. & H. D. HOWARD." In a similar label at right "U. S. INTER. REV." All of the inscriptions are in colorless Roman capitals. In the curves of these lower labels, upon a lined ground, are colorless numerals of value; that at left being crossed by a colorless label with rounded ends, inscribed "ONE," in small, colored, Roman capitals; that at right "CENT" in a similar manner. An outlined, trefoil ornament at bottom upon a lined ground between the ends of the labels. Small pearls in corners and foliated ornamentation complete the design.

This was the first color printed, and, as it was not liked, Butler & Carpenter suggested printing in blue, which was done after Oct. 11, 1864.

1c. Blue.

First issued Nov., 1864.

Last issued Oct. 30, 1869.

Total No. issued, old paper, 37,511,940.

On Aug. 2nd, 1869, Mr. Carpenter is notified that this plate has been sold to the New York Match Co., to whom all stamps issued from July to Oct. 30th were delivered.

A letter from Mr. Carpenter to this firm, dated April 15, 1869, would indicate that these stamps were used *en bloc* as a three and five cent value. We have, however, been unable to find any evidence of their existence in this condition. The letter is as follows: "In accordance with your directions we have prepared about 1,000 sheets of your stamps, perforated in such a way as to break in prices of three and five stamps each. Please notify us in due time whenever you wish them as part of future orders."

This stamp was counterfeited by the proprietor of the New York Match Co., Mr. Benoni Howard, the following being a description of the counterfeit:

The color is very dull and of a greenish cast never seen in the genuine. The upper portion of the ground of the central disk is very much lighter than in the genuine, the fine shade lines either being absent altogether or so indistinct as to be discernible only with the aid of a glass. The shading on the wings of the eagle is too heavy and dark, and the shrub, which grows just to the right of the rock upon which the eagle is perched, is differently shaped.

In the genuine this shrub is upright for a short distance, curves sharply to the right and extends out and downwards to the frame of the disk; it is not straight but slightly twisted and curved. In the counterfeit it is straight except for a slight curve where it leaves the ground. The shading of the ornaments at sides and corners is much lighter than in the genuine. The lettering is fairly well done, though slight differences may be noticed between it and that of the genuine, this is especially noticeable in the B, which is too narrow, and in the periods, which are all too small. The most noticeable point, however, is the small, colored ornament at the bottom, between the ends of the two labels. In the genuine the tail of the ornament is squarely in the centre while in the counterfeit it is much too far to the left, giving a very lop-sided appearance to the ornament.



The following history is taken from the *American Journal of Philately* for Feb. 20, 1875: " * * * In 1865 Benoni Howard became proprietor of the immense establishment known as the New York Match Company in Forty-second street. The business carried on here was something enormous. He bought of the Government no less than seven hundred thousand dollars worth of revenue stamps. The Government allowed him a certain percentage on these drawbacks. A misunderstanding occurred here, the Government, according to his figuring, not allowing him what the contract required.* He felt that he was an injured man; he applied strong language to the Government officials and was promptly snubbed. 'The Government has cheated me, I'll be even with them yet,' he said as he walked away.

The enemy, however, was too strong for him. The Government watched him, and found that he did not buy as many stamps as he used, and they suddenly made a descent upon him, shut up his factory, broke up his business, and threw him upon the world a ruined man. Unstamped boxes of his matches had been found in the market, and it was upon this fact that the action was taken. Nothing more serious was suspected until nearly a year later, when a fisherman in the East River found buried in the mud, and covered with wax and verdigris, a copper plate for printing revenue stamps and bearing the name of Benoni Howard. Howard made desperate efforts to get that plate from the unsuspecting fisherman, but the detectives were too quick for him, and outbid him for the fatal piece of copper bearing the name of the ruined match manufacturer.

He was not the only man involved, however; there was another man who trembled when he learned that this plate was in the hands of the police. That man was the engraver who had made it. He did what other frightened men do with the strong instinct of self-preservation, he ignobly betrayed his partner, made a clean breast of it, and hopelessly implicated Howard as a counterfeiter. He was tried, and the jury disagreed. Hundreds were ready to come forward and testify to his good character, that of the engraver was questionable, and the evidence, though morally overwhelming, was not legally sufficient.

Last summer a man from the states came to the town of New Liverpool in the province of Quebec. He was accompanied by his wife, as if his stay was to be permanent, and he engaged his services to a merchant at a salary of \$1,500 a year. He was a man of forty-five, and had a crushed, too quiet air, and a close observer of human nature might have noticed the nervous, scared look in the face of the poor wife, and under his own forced calmness a dull terror, an unrest, the heart of a man "hunted down." His nights were troubled, for it was said by the neighbors that the unhappy wife would often awake from her dreams with screams and tears. It was her woman's prophetic fears only too soon to be realized; it was her husband, Benoni Howard, the counterfeiter, who was on Saturday sentenced to five years' hard labor in the Penitentiary."

L. G. HUNT.

1c. Black.

Die approved Feb. 18, 1870.	First issued April, 1870.
No. of stamps per sheet 210.	Last issued July, 1874.
Total No. issued, old paper, 1,922,760.	
" " " silk " 634,410.	

Description :—Size of engraving 19 x 23mm. Three-quarters portrait

*This was probably due to the Government's arbitrarily reducing the premium allowed to proprietors of private dies, and which they finally were obliged to restore. See p. 121.



of Mr. Hunt to left in an oval disk bordered by a colored and colorless line. Above, upon a label of solid color closely following the outline of the oval, "GARDEN CITY". At left, starting from the side of the stamp curving inwards and following the outline of the oval below the end of the upper label, is a similar one, inscribed "L. G. HUNT."; at right, in a similar manner, "CHICAGO, ILL." At the top, in a very slightly curved, marginal label of color, "U. S. INTER. REV." On the lined ground below the end of this label at left "ONE"; at right "CENT". At bottom is a marginal label of color, curved above and with two indentations below, inscribed, in two lines, "PERCUSSION-MATCHES." Above the ends of this label are irregular disks bearing colorless numerals of value upon vertically lined ground. There is foliated ornamentation above these disks at sides; a slight ornament in each of the lower corners and, except where the foliation fills in the sides, the whole is surrounded by a double-lined frame, slightly indented below the ends of the upper label. All of the inscriptions are in colorless Roman capitals.

This die was sold to Griggs & Goodwill in 1873 and they used stamps printed from it from July, 1873 to July, 1874 inclusive, before it was altered by inserting their name.

D. F. HUTCHINSON JR.

1c. Lake.

Die approved	First issued Oct. 24, 1881.
No. of stamps per sheet	Last issued Jan. 31, 1883.
Total No. issued, watermarked paper, 2,140,000.	

Description :—Size of engraving 19 x 23½mm. A colorless card of matches upon the horizontally lined ground of a circular disk bordered by a colored band between two colorless lines and inscribed "D. F. HUTCHINSON JR" above and "SOMERVILLE, MASS." below. The upper inscription is in colorless, Roman capitals and the lower in colorless, block capitals. Above, in a colorless, curved label "ONE CENT"; below, in similar label, "U. S. INTER. REV." At bottom, in a straight, colorless label, "MATCHES"; All in colored, Roman capitals. In each upper corner, upon an oval disk of solid color, is a colorless numeral of value; the same in the lower corners excepting that the disk is circular. The ground is lined with colorless foliated ornamentation; the labels in the circular band are separated at sides by a small colorless ornament and the whole is bordered by a fine outer line of color.

IVES MATCHES.

1c. Blue.

Die approved May 10, 1867.	First issued June 10, 1867.
No. of stamps per sheet 210.	Last issued Aug., 1875.
Total No. issued, old paper, 4,256,910.	
" " " silk " 5,789,890.	

Description :—Size of engraving 19 x 23mm. Full face portrait of Mr.



Ives upon a shaded oval bordered by a colorless line, shaded above between two colored lines. Above, in a curved line of colorless, Roman capitals upon a ground of solid color, "U. S. INTERNAL REV."; above this, in a curved, colorless label, "ONE CENT" in colored, block capitals. Colorless numerals of value upon irregularly shaped disks with ground of horizontal shade lines in upper corners. Below, upon a ground of solid color, "IVES MATCHES" in two lines of colorless Roman capitals, the lower being quite large. Elaborately shaded foliated ornamentation surrounds the disks and inscriptions, completing the design.

All of the "IVES MATCH" stamps including the 8c. value, were ordered by the firm of Cowles & Leete, of New Haven, Conn., in whose name the dies were registered and all correspondence conducted.

P. T. IVES.

1c. Blue.

Die approved Dec. 31, 1875. First issued Jan., 1876.
No. of stamps per sheet 210. Last issued Jan. 20, 1881.

Total No. issued, silk paper.	} 8,489,948.
" " " pink "	
" " " wmk'd. "	

Description:—This is the successor of the "Ives Matches" die and differs from it only in having the upper line of the lower inscription altered to read "P. T. IVES" in slightly smaller letters.

8c. Blue.

Die approved Dec. 12, 1864. First issued March, 1865.
No. of stamps per sheet 60. Last issued Jan. 24, 1871.

Total No. issued, old paper, 860,400.

Description:—Size of engraving 90 x 17mm. Full face portrait upon the hatched ground of an oval disk bordered by a colorless line. At either side of this disk is an horizontal oval, colorless and bordered by a colorless line between two lines of color, outside of which is a line of shaded pearls upon a shaded ground, which, in turn, has an outer frame composed of a very ornate pattern of interwoven lines. The colorless oval at left is inscribed in three lines of colored, Roman capitals, "U. S. INTER. REV.—EIGHT CENTS.—COE'S MATCHES." the upper and lower lines being curved to the outline of the disk and the middle line horizontal. There are, also, three dashes of color, above and below the central line of the inscription. At right it is inscribed in a similar manner "MANUFACTURED—BY P. T. IVES—WALLINGFORD, CT." At either end is a star shaped disk of solid color, bearing a colorless numeral of value, enclosed by a frame of reticulated lathework upon a colored, circular disk, which, in turn, is bordered by an outer frame of loops and reticulated ground, with an outer colorless line. All of these disks are upon a ground of heavy horizontal lines forming an horizontal rectangle with truncated corners, and the whole is bordered by a fine outer line of color, forming a perfect rectangle.



IVES & JUDD.

1c. Green.

Die approved Oct. 23, 1875.
No. of stamps per sheet 210.

First issued Nov., 1875.
Last issued Sept., 1878.

Total No. issued, silk paper,	} 9,680,000.
“ “ “ pink “	
“ “ “ wmk'd. “	
“ “ “ “	

Description:—Design the same as that of E. R. Tyler*, of which this stamp is the successor, excepting that the lower label is so enlarged as to fill in the space between the disks in the corners, its ends cutting through the frame of said disks and ending in scroll ornaments, thus forming a curved label inscribed “IVES & JUDD.” in small, colored, Roman capitals. Slight ornaments are also added at bottom.

This firm is first heard from on May 30, 1870, when they order \$2200.00 worth of stamps “from E. R. Tyler's die.” From this time until Aug. 31, 1875, they continue to receive stamps from the old die, which, up to that time, had not been altered as above.

THE IVES & JUDD MATCH CO.

1c. Green.

Die approved
No. of stamps per sheet 210.

First issued Nov. 10, 1882.
Last issued March 3, 1883.

Total No. issued, watermarked paper, 2,625,000.

Description:—Size of engraving 19 x 23½mm. A full length figure of Justice, holding an evenly balanced pair of scales in one hand and a drawn sword in the other, upon a shaded ground. At top a curved label of solid color, with truncated ends, outlined by a colorless and a fine, colored line, and inscribed “THE IVES & JUDD” in small, colorless, Roman capitals. Just below this label, upon the ground of the central portion, “MATCH CO.” in a curved line of colored, Roman capitals. Below, upon a colorless, curved label, outlined by a fine line of color, “OF WEST CHESHIRE,” and, in a second line just below the centre, where the label broadens out, “CONN.,” both in colorless, Roman capitals. Marginal labels of solid color at sides; that at left inscribed “ONE CENT”; that at right “U. S. INTER. REV.” in colorless, Roman capitals. Colorless, but heavily shaded numerals of value upon circular disks of solid color in each corner. Foliated ornaments at bottom inside of numeral disks; triangular, outlined ornaments in a similar position above, both upon a ground of solid color, and the whole bordered by a fine outer line of color.

*See p. 210.



KIRBY & SONS.

1c. Green.

Die approved Oct. 27, 1875. First issued Nov., 1875.
 No. of stamps per sheet 210. Last issued prior to Dec. 31, 1879.
 Total No. issued, silk paper, 440,160.

Description:—This die originally belonged to Greenleaf & Co.* and was afterwards altered and used by Barber, Jones & Co.† After passing through several other changes of ownership it finally became the property of this firm in April, 1875, and was altered to suit their requirements. It differs from the Greenleaf & Co. stamp only in the wording of the inscription in the upper label, which now reads "KIRBY & SONS."

Beginning with May, 1875, this company received stamps from the Barber, Jones & Co. one cent plate, as well as from the Greenleaf & Co. three cent plate.

W. S. KYLE

1c. Black.

Die approved March 9, 1865. First issued March, 1865.
 No. of stamps per sheet 210. Last issued Aug., 1875.
 Total No. issued, old paper, 17,076,000.
 " " " silk " 21,155,609.

Description:—Size of engraving $19\frac{1}{2} \times 22\frac{1}{2}$ mm. Full face portrait of Mr. Kyle upon a circular disk, with a hatched ground bordered by a colorless line. Above, in a colorless, curved label with rounded ends, "ONE CENT"; below, also in a colorless label with rounded ends, and closely following the outline of the central disk, "W. S. KYLE", both in colored, Roman capitals. Commencing at upper left side and encircling the central disk and colorless label below it, until it terminates at the upper right side, is a colored label inscribed "U. S. INTER." at left; "REVENUE", at right; and "BOSTON, MASS." below, in colorless, Roman capitals. At bottom a straight, colorless label with truncated corners inscribed "MATCHES" in colored, Roman capitals. Colorless, five-pointed stars upon an horizontally lined ground enclosed by foliated ornaments in upper corners and colorless numerals of value in a similar manner in the lower corners. A small, colorless ornament is in the centre of the curved label above.

This die passed into the possession of Austin Messinger at some time between June, 1865, and March, 1866, and, although no change in the die was made up to Aug. 31, 1875, Mr. Messinger received stamps from it from that date forth.

The address to which stamps were shipped was Norton, Mass., and the factory was probably located there.

*See p. 174.

†See p. 146.



LACOUR'S MATCHES.

1c. Black.

Die approved June 7, 1867.	First issued July 24, 1867.
No. of stamps per sheet 210.	Last issued April, 1872.
Total No. issued, old paper, 14,050,370.	
“ “ “ silk “	2,126,880.

Description :—Size of engraving 19 x 23mm. Full face portrait in an irregular shaped disk with shaded ground. Above, upon a curved and colorless ribbon like label whose scrolled and notched ends form the upper corner ornaments, “LACOUR'S MATCHES.” in colored, Roman capitals. Just below, upon the central disk, “NEW-YORK.” in a slightly curved line of colored, block capitals. At bottom, upon a curved, colorless label with ends turned under, “U. S. INTER. REV.” in colored, Roman capitals. At left, upon a straight, marginal label of color, “ONE”; at right, “CENT”, in colorless, Roman capitals. At each side, between the upper end of the side label and the end of the upper one, is a circular disk of color, outlined by a colorless and a colored line, bearing a colorless numeral of value. Slight lathework ornamentation completes the design.

This stamp was ordered by *G. W. Gaffitt & Co.*, of New York, and they were the only parties known in any way in connection with it. This fact also explains the overprint of “G. W. G. & CO” with various dates, which is commonly found on the stamp and the initials are those of this firm. Although not issued until 1867 this overprint is found dated “1865”. Why this is so is an open question.

LEEDS, ROBINSON & CO.

1c. Green.

Die approved	First issued March 10, 1883.
No. of stamps per sheet	Last issued March 10, 1883.
Total No. issued, watermarked paper, 231,000.	

Description :—Size of engraving 19 x 23mm. An uplifted hand grasping lightning flashes, upon a circular disk with heavy horizontal shade lines and bordered by a band of solid color between two colorless lines, with an extra outer line of color. This band is inscribed “LEEDS, ROBINSON & CO.” above, and “BOSTON.” below, in colorless, block capitals and there is a colorless ornament between the inscriptions at either side. Outside of this and closely following its outline at top and sides is “RAYNHAM MATCH CO. RAYNHAM, MASS.” in colored, Roman capitals upon the colorless ground. Below, in a similar manner but in a label outlined by a colored line, “U. S. INTER. REV.” Colorless numerals of value upon a circular disk of solid color, outlined by a colorless and a colored line, in each corner. At top is a straight marginal label of color, outlined as are the disks, inscribed “ONE CENT” in small, colorless, Roman capitals. Below in a similar label, but larger,



"MATCHES" in colorless, block capitals. Small shaded ornaments above and below at sides and the whole framed by a colorless line between two fine colored ones.

H. LEIGH.

1c. Blue.

Die approved	First issued June 21, 1881.
No. of stamps per sheet 210.	Last issued May 31, 1883.
Total No. issued, watermarked paper, 7,560,000.	

Description :—The die of Leigh & Palmer altered by changing the inscription in the lower label to "H. LEIGH" and adding a colorless ornament at each end of the same label.

LEIGH & PALMER.

1c. Black.

Die approved Jan. 28, 1876.	First issued Feb., 1876.
No. of stamps per sheet 210.	Last issued prior to Oct. 1, 1880.
Total No. issued, silk paper, } 3,139,500.	
" " " pink "	}
" " " w'm'd. "	

Description :—Altered from the die of the Universal Safety Match Co. from whom the die was purchased, as follows: The curved label above the lamp is slightly lengthened and the inscription altered to "TRENTON"; the letters have been erased from the pedestal; the label just below reads "N. J." with an ornament at either end, and the lower label is inscribed "LEIGH & PALMER".

JOHN LOEHR.

1c. Blue.

Die approved Oct. 16, 1875.	First issued Oct., 1875.
No. of stamps per sheet 210.	Last issued Dec., 1875.
Total No. issued, silk paper, 2,040,245.	

Description :—This die formerly belonged to Cramer & Kemp,* the only difference between them is that here the colorless label above, at left, is inscribed "JOHN", and at right, "LOEHR."

*See p. 161-162.



JOSEPH LOEHR.

1c. Blue.

Die approved Jan. 18, 1876.

First issued Feb., 1876.

No. of stamps per sheet 210.

Last issued Dec. 13, 1880.

Total No. issued, silk paper,	} 44,868,120.
“ “ “ pink “	
“ “ “ wmk'd. “	

Description :—Joseph Loehr succeeded John Loehr in the ownership of this die. The only difference is that this is inscribed “JOSEPH” instead of “JOHN.”

J. I. MACKLIN & CO.

1c. Black.

Die approved May 8, 1865.

First issued 1865.

No. of stamps per sheet

Last issued 1867.

Total No. issued

Description :—Central design a rooster to left holding a lighted match or cigar, in his beak. Above is a circular seal, 16½mm in diameter, in the centre of which is a colorless numeral of value upon a circular disk of solid color; this is surrounded by a band, shaded with concentric lines, inscribed “ONE CENT” above and below in colorless, Roman capitals; this, in turn, is surrounded by another band of solid color inscribed “U. S. INTERNAL REVENUE” above and “PROPRIETARY” below in colorless, block capitals, the inscriptions being separated at sides, just below the centre, by a colorless, five-pointed star. These bands are separated from the central disk and each other by a fine, colored line between two colorless ones, and the whole is surrounded by an outer line of color.

At the left side reading downward, one letter being over the other, is “SHANGHAI,” at right, in a similar manner, “MATCHES”, both in large, colored, Roman capitals. Below in four lines, “Manufactured by—JOHN J. MACKLIN & CO.—COR. 13TH & HOLMAN STS.,—COVINGTON, KY.” The first line measures 17½mm in length and is in upper and lower case Roman letters; the second measures 33mm and is in large, Roman capitals; the third measures 29mm and is in heavy faced upper and lower case type, while the fourth measures 21mm and is in Roman capitals. The whole is surrounded by an outer frame consisting of a colorless line between two colored ones, the outer of which is quite heavy. The size of this copy is 36½ x 51½mm. Rouletted in colored lines and printed on white tissue paper.

These stamps were printed by the American Phototype Co., of New York, and each stamp upon the sheet apparently differs from the others. It is not known how many stamps there were to a sheet. The above will serve, however, as a general description of the stamp though differences will be found in almost any part of it; such as the size and extent of the smoke; the position of the letters with regard to each other and the frame lines, etc.



Some specimens have a period after "CO.", while others have none; the size of the frame varies; and the paper varies in texture and color, the latter being sometimes a pure white and again quite dark, almost like manilla.

The following correspondence relative to this stamp is copied from the files of Butler & Carpenter and, as it throws some little light upon its hitherto unknown history, it will doubtless be of interest to our readers. The first item is a letter from Butler & Carpenter to Mr. Wm. Gates, of Frankfort, N. Y., and is dated June 19th, 1865; it is as follows:

"Your favor of the 17th inst. is duly received covering box of matches with one cent stamp thereon. We thank you for sending us this stamp, concerning which we had no knowledge whatever, and as we have the *sole right to furnish the adhesive revenue stamps*, we have at once written to the parties enquiring into the matter. As to the stamp itself, it is a wretched piece of work and affords no guarantee against counterfeiting whatever. A poor lithograph is superior. There is no protection to the Government in such a stamp, which can be readily imitated by any ordinary wood engraver."*

Next is the following from Butler & Carpenter to J. J. Macklin, Covington, Ky., dated June 19, 1865:

"We have seen an adhesive, perforated one cent stamp, used on your match boxes concerning which we have no knowledge.

As we have the *exclusive right to prepare adhesive revenue stamps* granted us by the Government under a special contract, we beg you to inform us how, when, and by whom you were authorized to obtain the stamp you use. Trusting you will at once write us on the subject, we remain."

To this Mr. Macklin replied, under date of June 23, 1865, as follows:

"Your favor of the 19th is at hand. I refer you to Joseph J. Lewis Esq., at Washington."

If any further steps were taken in the matter prior to the date of the following letter from Mr. Gates to Butler & Carpenter there is no record of them. The letter dated Feb. 26, 1866, follows:

"I notice that Macklin & Co. are yet using the adhesive stamps to which I called your attention sometime ago. From your letter I drew the inference that they would be prevented from using such a coarse thing. I think it is easy to counterfeit and call your attention to it again."

Next is a letter from Butler & Carpenter to E. A. Rollins, Commissioner, dated March 29, 1866, as follows:

"We have rec'd. a letter from one of the largest match manufacturers (who had a number of private plates engraved by us) inclosing the within stamp label with the following remarks, viz:† * * * We respectfully call your attention to this matter. Under our contract rights whoever prepares such a stamp does it in clear violation of our privileges. We confess

*Unfortunately we have been unable to find Mr. Gates' letter of June 17th, to which this is the reply.

†Here follows the gist of Mr. Gates' letter of Feb. 26, 1866.



that we fail to appreciate the value of a contract, seriously executed and involving heavy responsibility, which it would appear, can be violated by third parties with perfect impunity. We are solicitous to know whether these infringements cannot be stopped and, if not, why not?"

Again there is a blank, and the next letter, dated June 10, 1867, is from Mr. Macklin to Butler & Carpenter, as follows:

"The Hon. E. A. Rollins authorized me to have my private stamp die transferred to your firm. I wrote to the American Phototype Co. to send it to you, they inform me that the Government agent had rec'd. it. Not knowing his name I request you to write him to send it to you. You will also favor me by printing \$1000.00 worth of stamps as soon as you are in receipt of the plate. Enclosed is one of the stamps. Manila paper will answer. It is not necessary to put mucilage on the back. They will require to be perforated. I sent an order before but I do not know if the agent received it or not."

On the back of this letter is the following:—

"COVINGTON, June 10, 1867.

Please forward my private die plate for stamps to Mess. Carpenter Butler & Co. in Phila. if you have not already done so, and favor

Yours truly
(Signed) JOHN J. MACKLIN."

To this Butler & Carpenter reply as follows, under date of June 14, 1867:

"We are in receipt of your favor of the 10th inst. and have the honor to state that, being the Government manufacturers of revenue stamps and engravers of stamp plates, we can make you a private die according to the model submitted, and have stamps printed therefrom in about eight weeks from date. Our price for making the plate complete is three hundred and fifty dollars (\$350.), one-half of the am't. in advance, and the balance upon transmitting to you a proof impression from the finished die.

Should you send us a positive order, and procure a private plate, you will be entitled to receive stamps therefrom at the rate of ten per cent. commission. In other words for an order of, say \$600. you would receive \$660. in stamps. We always keep a stock of every kind of private stamps on hand ready made, so that no delay occurs in filling orders. We enclose pamphlet containing general information on the subject and remain."

To the above Mr. Macklin replied as follows, under date June 17, 1867:

"Your favor of the 14th is at hand. I have paid for a private die to the American Phototype Co. Hon. E. A. Rollins ordered me to have it transferred to your firm. I enclosed an order to you in my last communication. To tell the truth I have been so unfortunate by fires in my business I could not afford to pay for another plate. If you will not print from my present die I will still have to use the Proprietary stamp. It will confer a favor on me if you will accept of the transfer. Please answer by return of mail and oblige."

Next comes a letter, dated June 22, 1867, from Butler & Carpenter to E. A. Rollins; it follows:

"We herewith inclose copies of communications dated the 10th and 17th insts, received from Messers Jno. J. Macklin & Co. Covington, Ky., respect-



ing the transfer of their dies from the Phototype Co., and request that you will fully instruct us on the subject.

We feel it necessary to remark that, in as much as it is our duty to exercise the utmost vigilance over all stamp issues, we have considerable hesitation in accepting dies which have been in use by other parties to an unknown extent, and concerning whose manufacture and printing we can give no connected history to the Dep't. If the Dept. prefer to make the transfer to us, we desire that the old dies be destroyed, and all the impressions therefrom consumed ere we take charge of the stamp. While we understand this stamp to be an *adhesive* stamp, and therefore the manufacture of it by other parties to have been in violation of our contract rights, we must respectfully report to the Dep't. that we have had specimens of it several times sent to us with the query, why the Gov't. allowed such a stamp to be used, or, if used, why other parties had not equally the privilege to have a stamp as cheap and as insecure. It is our duty to say simply that such a stamp is altogether unprotected. It is pasted, we believe, on a box of matches, and is not used as a wrapper.

We ask the Dep't. also that this stamp shall come in under the same regulations agreed upon between ourselves & Messers Byam, Carleton, & Co., and the Portland Match Co. *viz*: that for the printing, cutting and packing of the stamps in ascertained quantities we shall receive *seven* cents per *thousand*. The above mentioned houses after full consultation with us readily acquiesced to this schedule of rates; and we believe we shall have more trouble with the Macklin stamp than both of the others from the fact of its smaller size requiring more cutting to the sheet—a matter of considerable difficulty and nicety of manipulation. We trust it will not be deemed presumptuous if we respectfully draw the attention of the Dep't. to the fact that if these gentlemen can use a stamp of this character as an adhesive stamp, others will undoubtedly claim the same privilege; and it is easy to see that if such common electrotype printing be allowed, the Gov't. will be altogether at the mercy of those who, if they wish, can flood the country with counterfeits produced with hardly any cost, comparatively speaking; and the detection of which will be almost impossible. There are doubtless hundreds of small dealers who cannot afford, or, at least, will not incur, the expense of getting a steel plate engraved which would be their own protection and the Gov't.'s best security against fraud. They, consequently, use the Gov't. Proprietary stamp. But, if they can use as a private stamp any cheap, surface printed affair, easily imitated, and thus get the double Comm's. allowed by the Gov't., every man will at once abandon the general stamp, and use his own die. It seems to us this is in direct opposition to the interests of the Gov't."

To the above Mr. Rollins replied, under date of July 17, 1867, as follows:

"Your communication of the 22nd ultimo in regard to printing of stamps from the private die of John J. Macklin has been received and considered.

In reply I have to say that I have this day informed Mr. Macklin that his request for the transfer of his plate from the Amer. Phototype Co. to your house cannot be complied with and that if he desires a further supply of stamps from a private die it will be necessary for him to make arrangements with you for the production of a plate from which stamps may be printed that are less open to objection than those formerly used by him."

It will be noticed that, in his letter of June 17, 1867, Mr. Macklin says:

"I will still have to use the Proprietary stamp." This clearly indicates that at that time he was not using his private stamp, but *was* using the one



cent Proprietary of the first issue. The natural inference to be drawn from all this is that shortly after the Commissioner received Butler & Carpenter's letter of March 29, 1866, he informed Mr. Macklin that he must discontinue the use of the stamps printed by the American Phototype Co. Allowing this to be so the stamp in question must have had a currency of about one year, and, in all probability, Mr. Macklin was forced to use the regular Proprietary stamp from that time until May, 1868, when he began to receive stamps from the plate of Alexander's Matches; these stamps he continued to use until July, 1869.

F. MANSFIELD & CO.

1c. Blue.

Die approved Oct. 22, 1875.	First issued Nov., 1875.
No. of stamps per sheet 210.	Last issued Nov. 1879.
Total No. issued, silk paper,	} 2,200,000.
“ “ “ pink “	
“ “ “ wmk'd. “	

Description :—Design the same as that of Zisemann, Griesheim & Co. excepting that the inscription in the colored band has been altered to “F. MANSFIELD & CO.” and a slight, colorless ornament is added before and after the word “MANUFACTORY.”

This firm succeeded Zisemann, Griesheim & Co., and were themselves succeeded by the Alligator Match Co.

MARYLAND MATCH CO.

1c. Blue.

Die approved Aug. 12, 1872.	First issued Sept., 1872.
No. of stamps per sheet 210.	Last issued Aug., 1874.
Total No. issued, silk paper, 9,075,000.	

Description :—Design the same as that of the Excelsior Match Co. of Baltimore,* of which it is the successor, excepting that the upper marginal label is inscribed “MARYLAND.”

The bill for altering the die was sent to Weedon, Armistead & Co., 13 Cheapside, Baltimore, Md., and all correspondence is signed “J. H. Weedon,” in whose name all orders were filled.

MATCHES (HEAD OF FRANKLIN).

1c. Blue.

Die approved Sept. 21, 1864.	First issued Sept., 1864.
No. of stamps per sheet 210.	Last issued Nov., 1875.
Total No. issued old paper, 110,706,850.	
“ “ “ silk “ 58,081,879.	

Description :—Size of engraving 19 x 23mm. Profile portrait of Benj.

*See p. 167.



Franklin to right upon an oval disk with a hatched ground bordered by a colorless line. Above, upon an horizontally lined ground, in a curved line of colorless, Roman capitals, "U. S. INTERNAL REV.;" at top in a colorless, curved label with rounded ends, "ONE CENT" in colored, block capitals, exteriorly shaded. Below, in a curved label of solid color, "MATCHES" in large, colorless, Roman capitals. Colorless numerals of value exteriorly shaded, upon irregular disks of horizontal lines in the upper corners. Heavy, outlined, foliated ornamentation upon a ground of horizontal lines completes the design.

This die, the only one ever used jointly by two or more parties, was ordered by F. Zaiss, M. Daily and J. Shick, all of Philadelphia, and in Jan., 1866, Mr. E. K. Smith also began to receive stamps from it, taking the place of John Schick, whose last order was delivered in Dec., 1865.

It finally became the sole property of Mr. Smith and was altered by the insertion of his name.

A MESSINGER.

1c. Black.

Die approved Oct. 20, 1875.

First issued Nov., 1875.

No. of stamps per sheet 210.

Last issued May 15, 1883.

Total No. issued, silk paper	} 54,578,510.
" " " pink "	
" " " wmk. "	

Description :—The design is that of W. S. Kyle*, of whom Mr. Messinger was the successor, simply altered by slightly lengthening the colorless label immediately below the central disk and changing the inscription to "A MESSINGER."

Although Mr. Messinger succeeded Mr. Kyle as early as 1866 no change was made in the die until October, 1875.

THE NATIONAL MATCH CO.

1c. Blue.

Die approved Nov., 1879.

First issued Nov., 1879.

No. of stamps per sheet 210.

Last issued 1880.

Total number issued, watermarked paper, 1,430,000.

Description :—Size of engraving 18 x 22½mm. Coat of Arms of the State of New York in a circular disk bordered by a colorless line between two fine colored ones. Above, in an arched label of solid color outlined by a colorless and a fine, colored line, "NATIONAL MATCH CO." in colorless, block capitals; below, also in a curved label of color outlined by a colorless and a colored line, "559 W. 49TH ST.", at sides and bottom are straight colorless, marginal labels bordered by a colored line; that at bottom is inscribed "NEW YORK.;" at left "U. S. INTER. REV.," and at right "ONE CENT" in colored,

See p. 184.



Roman capitals. There is an upright rectangular disk of solid color, outlined by a colorless line, in each corner bearing a large, colorless, numeral of value. The upper marginal label is filled with a Greek pattern in color. Slight, colorless ornamentation is added upon a ground of horizontal shade lines and the whole is bordered by a fine outer line of color.

F. P. NEWTON.

1c. Lake.

Die approved July 11, 1877.	First issued Aug., 1877.
No. of stamps per sheet 210.	Last issued March 14, 1883.
Total No. issued, silk paper	} 26,317,000.
“ “ “ pink “	
“ “ “ wmk. “	

Description :—This die was originally that of F. E. Clark* and is altered from that of the Clark Match Co. as follows: The curved label below the central disk is made narrower, “MATCHES” is erased and “F. P. NEWTON” substituted for it, while, just below, another colorless curved label is added and inscribed in small, colored block capitals, “SUCCESSOR TO” and a small colorless, five-pointed star is added at each end, but outside of the label.

THE NEW YORK MATCH CO.

1c. Blue.

Die approved Feb. 24, 1871.	First issued April, 1871.
No. of stamps per sheet 210.	Last issued Aug., 1875.
Total No. issued, old paper,	1,026,270.
“ “ “ silk “	22,780,410.

Description :—This die was purchased from Bauer & Beudel† and differs from that die only in having the lower label inscribed “NEW YORK MATCH CO.”

1c. Vermilion.

Die approved July 31, 1869.	First issued Oct., 1869.
No. of stamps per sheet 210.	Last issued June, 1872.
Total No. issued, old paper,	9,531,750.
“ “ “ silk “	123,500.

Description :—This die differs from that of B. & H. D. Howard,‡ its original owners, only in the lower left label, which is inscribed “N. Y. MATCH CO.”

*See p. 150.

†See page 146.

‡See pp. 178.



On May 26, 1870, Mr. Carpenter is informed by Mr. Lamasure that "John says the ink * * * of the N. Y. Match Co. stamp is constituted and consumed at about the following rate, viz :

Rose pink 3 lbs.	} 18 lbs. to the 1000 sheets."
Vermilion 10 "	

1c. Green.

Die approved Oct. 18, 1869.	First issued Oct., 1869.
No. of stamps per sheet 72.	Last issued Nov. 30, 1875.
Total No. issued, old paper, 11,588,128.	
" " " silk "	19,728,360.

Description :—Size of engraving 23 x 60mm. An upright rectangle with a shaded ground so arranged as to look like basket work, upon which, above and below, are two horizontal, colorless, oval disks bordered by a colorless line between two colored ones ; the upper of these disks is inscribed in three lines of colored, Roman capitals, "A MATCH-BEYOND-COMPARISON.", the upper and lower lines being curved while the middle one is horizontal ; the lower is inscribed in a similar manner "OFFICE NO. 1-PARK PLACE,-NEW YORK." Between these disks is a circular one, with a ground of vertical lines, bordered by a row of shaded pearls upon a colored band, this disk is inscribed "NEW YORK" above, and "COMPANY." below in curved lines of colorless Roman capitals, and, upon a straight label of solid color superimposed upon a central ornament with a shaded ground "MATCH."

At the top there is a marginal label of solid color separated by a fancy colorless frame from the groundwork below it, this is interiorly divided into three labels, a small one at right and left, and a larger one above and between them. The inscriptions, all of which are inverted, are "ONE" at right, "CENT." at left, a large numeral of value between them, and, in a straight line at top, "U. S. INTER. REV." all in colorless, Roman capitals. An outer line of color surrounds the whole.

5c. Blue.

Die approved Sept. 12, 1871.	First issued Feb., 1872.
No. of stamps per sheet 72.	Last issued Feb., 1872.
Total No. issued, silk paper, 144,000.	

Description :—This is the same die as the one cent green and differs from it only by having the word "ONE" changed to "FIVE"; the word "CENT" to "CENTS", and the numeral of value altered to correspond.

But one order was ever received for this value, after which the Co. informed Mr. Carpenter to consider the stamp as obsolete as they should not use it in future.



NEWBAUER & CO.

4c. Green.

Die approved Nov. 17, 1871.	First issued Feb., 1872.
No. of stamps per sheet 170.	Last issued April 25, 1883.
Total No. issued, silk paper, 6,254,764.	
“ “ “ pink “	} 14,672,829.
“ “ “ wmk'd. “	

Description :—Size of engraving 20 x 26mm. A colorless diamond outlined by a colorless line between two fine, colored lines, inscribed, in a curved line of colored, Roman capitals, “METROPOLITAN” above, and “MATCHES” below with a fancy dash between them. Above and below this are circular disks, solid color containing colorless numerals of value and at either side, above and below the diamond, large foliated ornaments. All this is upon a circular ground of shade lines bordered by a colorless band outlined by fine colored lines and inscribed “U. S. INTERNAL REVENUE.” above, and “N. & C.” below, in colored, Roman capitals. There is a light, foliated ornament at either end of the lower inscription. A straight marginal label at top inscribed “FOUR CENTS” in colorless, Roman capitals upon a vertically shaded ground. Below in a similar label, but upon an interior, recessed tablet with projecting rounded ends, “S. F.” with a diamond shaped ornament between the letters. Trefoil ornaments in shaded lines fill the spaces between the colorless band and the marginal labels and the whole is bordered by an outer line of color.

The letters “S. F.” signify San Francisco.

ORONO MATCH CO.

1c. Blue.

Die approved April 9, 1866.	First issued June, 1866.
No. of stamps per sheet 210.	Last issued Aug., 1875.
Total No. issued, old paper, 6,992,140.	
“ “ “ silk “	5,360,360.

Description :—Size of engraving 19 x 23mm. A pine tree upon an oval disk, without color, bordered by a colorless line between two colored ones. Above, at left of tree, “ORONO,” at right, “MAINE.” In a curved label of solid color above “ORONO MATCH CO.”; in a similar label below, “U. S. INTER. REVENUE.” both in colorless capitals. Above, upon an irregular disk of color in each corner, are colorless numerals of value. Below, at left, “ONE”; at right “CENT” in colorless capitals. All of the inscriptions are in Roman type. Scroll ornaments at sides; shaded ground with small ornaments around the disk in upper corners complete the design, which is in the shape of an upright rectangle with three slight depressions at each of its four sides and blunt corners. It is surrounded, except where broken by the scroll ornaments at sides, by a double lined outer frame with a small globule at each corner outside of the frame.



This die was registered and all correspondence carried on in the name of Anson Allen. It was, also, subsequently used by the firm of Allen & Powers.

PARK CITY MATCH CO.

1c. Green.

Die approved Feb. 28, 1865.	First issued April, 1865.
No. of stamps per sheet 210.	Last issued June, 1873.
Total No. issued, old paper, 5,054,440.	
“ “ “ “	“ “ “ “ 17,803,440.

Description.—Size of engraving 19 x 23mm. An eagle to right, with separated wings, grasping a sheaf of five arrows and an olive branch in its talons, upon an irregularly shaped oval disk, colorless except for light shading, bordered by a row of pearls upon the solid ground which fills out the rectangle above and below. This ground is also bordered by a row of colorless pearls forming slightly truncated corners, and is inscribed above, at left, “PARK”; at right “CITY”; just below, in a curved line, “MATCH CO.”, and below this, also in a curved line, “KENOSHA, WIS.” Below, in a similar manner, “U. S. INTER. REV.” with a colorless, five-pointed star above each end of the inscription; and, at bottom, “ONE” at left, and “CENT.” at right, with a colorless numeral of value between them. All are in colorless, Roman capitals. The whole is framed by a colorless line of Greek ornamentation upon the colored ground, small ornaments filling in the truncated corners inside and a colorless dot in each corner of the border.

This company was succeeded by the Kenosha Match Co., T. T. Bent, Secretary, who made no change in the dies. Stamps were also delivered to one G. N. Jones from these dies, and they were finally sold to James L. Clark in 1867.

3c. Orange.

Die approved April 13, 1865.	First issued May, 1865.
No. of stamps per sheet 210.	Last issued Sept. 23, 1869.
Total No. issued, old paper, 2,294,708.	

Description.—Size of engraving 19 x 23mm. An eagle, to right, poised for flight upon a rock in a circular disk surrounded by a colored and a colorless line. Ground of solid color forming an upright rectangle bordered by an outer line of color at a little distance. A five-pointed, colorless star in each upper corner. At top, in a slightly curved line, “PARK CITY”; just below, in a curved line closely following the outline of the central disk, “MATCH CO.” both in colorless, Roman capitals. At left, also following the outline of the central disk, “KENOSHA”; at right, in a similar manner, “WISCONSIN.”, both in colorless, block capitals. Below, in a slightly curved line, “U. S. INTER. REV.”, and just below that, “THREE CENTS”, both in colorless, Roman capitals. A large colorless numeral of value in each lower corner, with a small, five-pointed star just inside it upon the colored ground.



THE PENN MATCH CO.

1c. Blue.

Die approved First issued Oct. 31, 1881.
 No. of stamps per sheet 210. Last issued Feb. 14, 1883.
 Total No. issued, watermarked paper, 3,696,000.

Description:—Size of engraving 19 x 23mm. Three-quarters face portrait of Wm. Penn to right upon an oval disk with a ground of horizontal and vertical lines bordered by a band of solid color between two colorless lines. This band is inscribed "U. S. INTER. REV." above and "PENN MATCH CO. LIMITED." below, all in colorless, block capitals excepting "LIMITED", which is in upper and lower case letters. There is a small ornament between the inscriptions. Below, at left, a small straight label of color placed obliquely and inscribed "ONE"; at right, in a similar label, "CENT", both in colorless, block capitals. Below, in a straight marginal label of color, "PHILA. PENNA." A circular disk of color, outlined by a colorless line, in each upper corner bears a colorless numeral of value. Fine, colorless scroll ornamentation upon the solid color of the ground completes the design, which is bordered by a fine outer line of color.

THE PIERCE MATCH CO.

1c. Green.

Die approved Jan. 21, 1867. First issued March 5, 1867.
 No. of stamps per sheet 144. Last issued March 5, 1867.
 Total No. issued, old paper, 52,500.

Description:—Size of engraving 19½ x 36mm. A bit of mountain scenery showing a volcano in eruption and bordered by a circular frame consisting of a colorless line between two fine, colored lines. Above, upon a vertically shaded ribbon which is slightly curved, "PIERCE" in large colorless, Roman capitals; below in a similar manner, "MATCH CO." There are five graduated pearls above the centre of the upper label and below the centre of the lower one. Above and below these labels is a vertically shaded ground, that above being inscribed, in a curved line of colorless, Roman capitals, "U. S. INTER. REV."; that below "CHICAGO, ILL." in a similar manner. In each corner is an irregular shaped tablet of solid color; those above each contain a shaded five-pointed star, those below a colorless numeral of value. Between these tablets are colorless, almost crescent-shaped, labels; both being inscribed "ONE CENT" in colored, Roman capitals.

There is slight foliated ornamentation between the central disk and the ends of the labels immediately above and below it, and the whole is bordered by a double-lined frame of color.

But one lot of these stamps were ever delivered; the balance on hand, 206,700, were destroyed as obsolete.



THE PORTLAND MATCH CO.

1c. Black.

Die approved March 16, 1865.	First issued May, 1865.
No. of stamps per sheet 210.	Last issued Dec., 1867.
Total No. issued, old paper, 5,867,000.	

Description:—Size of engraving 18½ x 23mm. Three-quarters portrait of Mr. W. T. Brown to right upon an oval disk with a hatched ground bordered by a colorless line. Above, upon a label of solid color closely following the outline of the central disk, "P. M. CO. PORTLAND, MAINE". Over this, in a colorless, curved label, "MATCHES." Below, in a curved label of color following the outline of the central disk, "ONE CENT", the words being separated by a shaded horizontal oval. At bottom, in a slightly curved marginal label of color, "U. S. INTER. REV." All of the inscriptions are in Roman capitals, and, excepting the upper one, colorless, the labels being outlined by fine lines. In each of the upper corners is a colorless numeral of value upon a shaded disk enclosed in heavily foliated ornamentation, this ornamentation also extends down the sides and around the ends of the lower label. Small, triangular ornaments at corners between the two lower labels.

W. T. Brown & Co. were the Portland Match Co., and, as will be seen by the following letter, dated May 31, 1867, and addressed to Butler & Carpenter, they transferred the die to Byam, Carleton & Co.:

"Having sold out my business to Byam, Carleton & Co., of Boston, Mass., you will please deliver no more stamps from either of my private dies* only to their order, who alone have authority from us to use them hereafter."

Byam & Carleton never ordered or used stamps from this die.

V. R. POWELL.

1c. Blue.

Die approved Sept. 26, 1864.	First issued Oct., 1864.
No. of stamps per sheet 210.	Last issued July, 1875.
Total No. issued, old paper, 9,571,590.	
" " " silk "	3,195,010.

Description:—Size of engraving 19 x 23mm. Profile of Washington to left upon an oval of solid color bordered by a band of solid color between two colorless lines. This band is inscribed at sides and top "V. R. POWELL'S TELEGRAPH MATCHES.", and below, "TROY, N. Y." in colorless, block capitals. At top, in a slightly curved, colorless label with truncated corners "ONE CENT". At bottom, in a colorless, slightly curved, marginal label with

*The other die referred to was the wrapper.



shaded and under curving ends, "INTERNAL REV.;" both of these inscriptions being in colored, Roman capitals. Just above and at ends of this label are small colored disks, that at left bearing a colorless "U"; that at right, an "S". In each of the upper corners is a circular, colored disk, containing an inner, trefoil shaped tablet bearing a colorless numeral of value. Three pearls form the outer corner ornaments above and the design is completed by a colorless foliated lathework upon a solid ground of color.

Mr. Powell's die was transferred to Bogardus & Griswold, and, by them to M. C. Miller, both of Troy, N. Y., but no change in the die was made.

READING MATCH CO.

1c. Black.

Die approved	First issued 1880.
No. of stamps per sheet 210.	Last issued Sept. 16, 1882.
Total No. issued, watermarked paper, 3,155,000.	

Description :—Size of engraving 18 x 22½mm. Map of the western hemisphere upon a globe floating in space upon a hexagonal disk outlined, above and below, by diagonal labels of color between two colorless lines and, at sides, by light ornaments. The initials "F. B." are also upon the globe at lower left portion in script. At top, in a straight marginal label of color "READING"; the upper right portion of the colored band framing the central tablet is inscribed "MATCH"; the upper left, "COMPANY". The lower left reads "ONE", and lower right "CENT". Below, in a label similar to that at top, "U. S. INT. REV." All of the inscriptions are in colorless, Roman capitals. An upright rectangle with hatched ground bearing a colored numeral of value is in either corner; the spaces between the upper and lower and the diagonal labels is shaded vertically and, except at the central portion of the sides, a fine, colored outer line surrounds the whole.

REED & THOMPSON.

1c. Black.

Die approved Jan. 29, 1878.	First issued Feb., 1878.
No. of stamps per sheet 210.	Last issued Jan. 20, 1881.
Total No. issued, watermarked paper, 3,910,615.	

Description :—Size of engraving 18 x 22½mm. An eagle, poised for flight upon a rock, within a circular, shaded disk which is bordered by a fine line of color outside of which is a colored band between two colorless lines. Above, within the disk, in a curved line of small, colored, Roman capitals, "MATCHES." The colored band is inscribed "U. S. INTER. REV." above, and "REED & THOMPSON" below, in colorless capitals. These inscriptions are separated at sides by a circular disk of color, bearing a colorless numeral of value, which projects beyond the band on both sides. Above, in a straight label without color, "ONE CENT"; below, in a colorless, curved label with



rounded ends, "BOSTON, MASS." Both of these inscriptions are in colored capitals and all are Roman. Light foliated ornaments between ends of upper label and band below it and the rest of the design filled in with vertical shading, this shading being so arranged as to show narrow beveled edges at centre of each of the four sides.

D. M. RICHARDSON.

1c. Red.

Die approved June 3, 1864.

First issued Aug. 4, 1868.

No. of stamps per sheet 210.

Last issued March, 1865.

Total No. issued, old paper, 3,675,000.

Description.—Size of engraving 19 x 23mm. Three-quarters portrait of Mr. Richardson to left in a circular disk with hatched ground surrounded by a colored band between two colorless lines. The disk is placed low down in the stamp and the band is inscribed "D. M. RICHARDSON," above, and "DETROIT, MICH." below, in colorless capitals. At left of disk, in a curved, colorless label closely following its outline, "FRICTION"; at right, in a similar label, "MATCHES.", both in colored capitals. In each of the upper corners is a circular disk of solid color, that at left bears a colorless "U", that at right an "S". Just below, in a colorless label whose ends curve upwards, surround the corner disks and terminate in foliated ornaments above the label proper, "INTER. REVENUE." in colored capitals, below this label, upon the horizontally shaded ground, "ONE" at left; "CENT" at right, in colorless capitals, the two words being separated by an oval disk, outlined by a colored line and with a ground of crossed vertical and horizontal lines, inscribed "1 Ct." All the inscriptions are in Roman letters. There are lightly shaded foliated ornaments at each side, above the circular band, and slight ornaments in the lower corners; the whole being bordered by an outer line of color.

In connection with this stamp the following letter from Butler & Carpenter to Mr. Richardson, dated Sept. 17, 1864, cannot but be of interest:

"Your favor of the 14th inst. is at hand. We regret that you are not satisfied with the color wherein your one cent stamp is printed. You directed it to be a light red, something like a faded three cent Postage stamp enclosed. We printed what we believed to be a much richer and more brilliant color. We beg to say that so light a red would not appear at all well on your stamp; and all these rose-pink colors fade very rapidly on exposure to air and sun. Hence another reason for making your color a deeper red; as it will soften with time. * * * The *One Cent* proof you return us is in *black* and we will henceforth print your plate in that color as you desire. We have no recollection of receiving a *black one cent* stamp in your favor of the 17th ult., but only the light, pale red Postage stamp. We presumed you therefore meant to have the one cent in a light red, and the three-cent in a *bright* red to distinguish it from the pale red of the one cent. * * * However, there is but a month's supply, about, of your One cent stamps on hand and you will, therefore, soon exhaust it."



The black stamps had hardly gotten into use when Mr. Richardson concluded that, after all, he preferred the red ones and, upon so advising Butler & Carpenter he received the following reply, dated March 17, 1865:

We are sorry not yet to be able to carry out your instructions to print your stamp in red. If you remember you expressly objected to that color when we printed it and desired black to be used instead. * * * As it is we have upwards of 5,000,000 yet on hand in black. We regret not to have anticipated your change of opinion as it is much easier and more economical to print in red than black although it is due to candor to state that yr-stamp appears to much greater advantage in the latter than in the former hue."

This settled the matter and the use of the black stamp was continued.

1c. Black.

Die approved June 3, 1864.	First issued March, 1865.
No. of stamps per sheet 210.	Last issued Aug., 1875.
Total No. issued, old paper, 56,670,267.	
" " " silk "	59,010,990.

Description :—Design the same as for the one cent red.

Commencing with April, 1875 all stamps from both this and the three cent plate were ordered by The Richardson Match Co., though the change in the dies was not made until December of that year.

3c. Vermilion.

Die approved Sept. 22, 1864.	First issued Sept., 1864.
No. of stamps per sheet 170.	Last issued Feb., 1865.
Total No. issued, old paper, 850,000.	

Description :—Size of engraving 20 x 26mm. Three-quarters portrait of Mr. Richardson to left upon an oval disk with hatched ground bordered by a colorless and a colored line outside of which is a colorless band inscribed "D. M. RICHARDSON," above, and "DETROIT, MICHIGAN." below in colored capitals. Above is a curved label with shaded ground and in curved ends inscribed "U. S. INTER. REV." in colorless capitals; below, in a similar label, but more sharply curved and with rounded ends "THREE CENTS," the two words being separated by a circular disk of solid color, outlined by a colorless line, bearing a colorless numeral of value. Straight, marginal labels of solid color at sides, that at left inscribed "FRICTION", and that at right "MATCHES" in colorless capitals. All of the inscriptions are in Roman letters. A ground of horizontal shade lines with colorless, lathe-work ornaments in the corners completes the design, which is bordered by an outer line of color.

Quoting from the same letter of Sept. 17, 1864, Butler & Carpenter say :



" We have stopped your * * * 3 cent deeper red, which will be printed henceforth in a light blue. * * * The mistake of the red for both stamps (as we understood it) has made us strengthen and deepen the red of the 3 cent stamp, more, probably, than you intended."

3c. Blue.

Die approved Sept. 22, 1864.	First issued Feb., 1865.
No. of stamps per sheet 170.	Last issued Aug., 1875.
Total No. issued, old paper, 32,408,210.	
" " " silk "	25,289,806.

Description :—Design the same as for the three cent vermilion.

Mr. Richardson at one time contemplated the use of a long, narrow three cent stamp of a design somewhat similar to those used by The American Match Co., of Cleveland, Ohio, and several other concerns.

The order for this stamp was given and the DIE was engraved but, though it is possible that the plate was made, no stamps other than proofs, *were ever printed in this design.*

The following, copied from Mr. Carpenter's journal, is a concise history of the stamp.

" 1870 JULY 27, ENGRAVING TO D. M. RICHARDSON.

For profit & loss on latter's order; he having withdrawn order & compromised for \$175. on the die. Should he ever use the plate he is to pay \$175.00 for it \$175.00 "

THE RICHARDSON MATCH CO.

1c. Black.

Die approved Dec. 8, 1875.	First issued Dec., 1875.
No. of stamps per sheet 210.	Last issued April 26, 1883.
Total No. issued, silk paper, 42,300,117.	
" " " pink "	} 118,952,819.
" " " wmk'd. "	

Description :—Design the same as for the one cent D. M. Richardson,* of whom this company was the successor, excepting that the circular band is inscribed "THE RICHARDSON MATCH CO." above, and "DETROIT MICH." below, in smaller capitals.

*See p. 200.



3c. Blue.

Die approved Dec. 8, 1875.

First issued Dec., 1875.

No. of stamps per sheet 170.

Last issued Feb., 1876.

Total No. issued, silk paper, 4,021,530.

Description :—Design the same as for the three cent D. M. Richardson* excepting that the inscriptions in the colorless band are altered to read "THE RICHARDSON MATCH CO." above, and "DETROIT, MICH." below.

H. & W. ROEBER.**1c. Blue.**

Die approved April 2, 1866.

First issued June, 1866.

No. of stamps per sheet 210.

Last issued Aug., 1875.

Total No. issued, old paper, 21,971,490.

" " " silk " 29,163,360.

Description :—Size of engraving $19\frac{1}{2} \times 23$ mm. An United States shield crossed by a pair of clasped hands upon a shaded oval disk bordered by a row of colorless dots upon a band of color. Above the shield "UNION"; below it, "MATCH." in colored capitals. Outside of the dotted band, beginning in points above and below and broadening out at sides so as to form a circle of the whole, is horizontally shaded ground. This is bordered by a circular, colorless band, between two fine colored lines, inscribed "U. S. INTERNAL REV." above, and "H. & W. ROEBER." below, in colored capitals. Marginal labels of color at top and bottom, their ends containing a colorless Greek ornament; that at top is inscribed "ONE CENT"; that at bottom "NEW YORK", in colorless capitals. All of the inscriptions are Roman lettering. At each side, upon the colorless band and extending slightly beyond it on the inner side, is a heavily shaded oval disk bearing a colorless numeral of value. The ground between the marginal labels and the colorless band is shaded by radiating lines, and the whole is surrounded by an outer line of color.

Henry Roeber assigned all of his rights in this die, plate, etc., to Wm. Roeber on July 23, 1869.

WM. ROEBER.**1c. Blue.**

Die approved Oct. 16, 1875.

First issued Oct., 1875.

No. of stamps per sheet 210.

Last issued March 2, 1883.

Total No. issued, silk paper, 16,410,600.

"	"	"	pink	"	} 112,524,963.
"	"	"	wmkd.	"	

Description :—Design the same as that of H. & W. Roeber of which

*See p. 201.



firm Wm. Roeber was the successor, excepting that the circular band is inscribed "WILLIAM ROEBER." below, and the marginal label at bottom "528 W. 50 St. N. Y."

E. T. RUSSELL.

1c. Black.

Die approved Dec. 11, 1865.	First issued Feb. 9, 1867.
No. of stamps per sheet 210.	Last issued Jan. 1872.
Total No. issued, old paper, 3,182,500.	
" " " silk "	66,000.

Description:—Size of engraving $19\frac{1}{2} \times 23$ mm. Three-quarters portrait, probably of Mr. Russell, to left upon the shaded ground of an oval disk bordered by a colorless line between two fine lines of color. At either side is a crescent of shade lines with points at top and bottom, the whole surrounded by a circular band of solid color, outlined by a colorless and a colored line, inscribed above "INTER REV." and below "E. T. RUSSELL, ASH-BURNHAM, MASS." in colorless, Roman capitals. Above, in a colorless, curved label "ONE CENT."; below, in a similar manner, "MATCHES"; both in colored, block capitals. Foliated ornaments above and below enclose a small, shaded disk in each corner, those above contain at left, a colorless "U"; at right, an "S"; those below contain colorless numerals of value.

Mr. Russell evidently sold out to one M. B. Lane, as all orders and correspondence were in the latter name during the latter part of the life of the stamp.

RYDER, CROUSE & WELCH.

1c. Lake.

Die approved	First issued Dec. 1, 1881.
No. of stamps per sheet 210.	Last issued June 24, 1882.
Total No. issued, watermarked paper, 2,100,000.	

Description:—Size of engraving 23×19 mm. An United States shield surmounted by a poised eagle and flanked at either side by three draped, United States flags; from behind the shield at left a cannon protrudes with a pile of cannon balls below it, while, at right, is a drawn sword, all being upon a central, horizontal rectangle of shaded ground. Above, in a curved line of colored, Roman capitals upon this shaded ground, is "U. S. INTER. REV." At top, bottom, and sides are marginal labels all of solid color excepting that at bottom, which is double, solid color above and colorless below; that at top is inscribed "ONE CENT", in colorless, Roman capitals; at left "MATCH"; at right, "STAMP", both in colorless, block capitals. At bottom the upper label is inscribed "R. C. & W." in large, colorless, Roman



capitals, and the lower "SYRACUSE, N. Y." in colored, block capitals. In each upper corner there is a circular disk of color, outlined by a colorless and a colored line, bearing a colorless numeral of value. In the lower corners are octagonal disks of solid color upon a colorless rectangle which bear a heavy, fancy, shaded numeral of value. The whole is surrounded by an outer line of color.

SAN FRANCISCO MATCH CO.

12c. Blue.

Die approved July 30, 1872.

First issued Aug., 1872.

No. of stamps per sheet 30.

Last issued Dec., 1874.

Total No. issued, silk paper, 2,055,291.

Description :—Size of engraving $70\frac{1}{2} \times 45\frac{1}{2}$ mm. Ground of lathework in a reticulated pattern and bearing in its centre a large, irregularly shaped tablet with a vertically lined ground; in the centre of this tablet, extended upwards, is a hand grasping a candle, or taper, lighted at both ends, upon a shaded ground; above is a colorless ribbon label inscribed "SAN FRANCISCO"; just below, upon the shaded ground of the central portion in a straight line, "PERCUSSION"; and below, in a label similar to that above, "MATCH COMPANY.", all in colored, Roman capitals. At left is an horizontally shaded, circular disk bearing a large, shaded five-pointed star; at right, upon a similar disk, are twenty-two lighted matches, colorless and radiating from a common centre with the lighted ends outwards. These disks are framed by a colorless line between two colored ones, and, together with the labels above and below, frame the central portion containing the hand. In a colorless, curved label placed obliquely across the upper left corner of the irregular tablet, is "SAN FRANCISCO"; in a similar way at right "CALIFORNIA." both in colored, block capitals. A colored "U.", exteriorly shaded, is just to right of the left label and an "S" to left of the right label. Above, in a straight, colorless label, with projecting and rounded ends, upon the reticulated ground, "1200 MATCHES." in colored, Roman capitals. A disk of solid color in each upper corner contains large, colorless numerals of value. These disks are bordered by a colorless band, lightly shaded, between two colored lines. Below, in each corner, similar disks but larger, that at left is inscribed "TWELVE"; at right "CENTS", in colorless, Roman upper and lower case, and between them, in a curved line of colorless, Roman capitals upon the reticulated ground, is "U. S. INTERNAL REVENUE." Above the left end of this inscription is a monogram of the letters "S" and "F"; above the right end is a similar monogram of the letters "M" and "C", both are fancy, colored capitals. Above the lower corner labels are monograms of the letters "U" and "S" in colorless, Roman capitals. There is an inner frame at the sides composed of a colorless band, sparsely shaded horizontally with fine lines of color, between two colored lines, and the whole is then bordered by a scalloped frame outside of which is a fine line of color.



SCHMITT & SCHMITTDIEL.

1c. Vermilion.

Die approved Nov. 23, 1871.	First issued Aug., 1872.
No. of stamps per sheet 210.	Last issued Feb. 14, 1881.
Total No. issued, silk paper,	14,714,275.
“ “ “ pink “	} 17,766,320.
“ “ “ wmk'd. “	

Description.—Size of engraving 19 x 23mm. Three-quarters portrait of Mr. Schmitt to left upon an oval disk, with shaded ground, bordered by a colored and colorless line. Above, in a curved label of solid color, "SCHMITT & SCHMITTDIEL." in two lines of colorless, Roman capitals; below also in a curved label of color, "DETROIT, MICH." and under that a straight, marginal label of color inscribed "U. S. INTER. REV.", both in colorless, Roman capitals. At each side is a marginal label, also of color, that at left inscribed "FRICTION"; that at right "MATCHES", in colorless, Roman capitals. Inside these side labels and closely following the outline of the central disk are colorless scroll labels, that at left inscribed "ONE"; at right "CENT" in colored, Roman capitals. There are irregular shaped tablets in the upper corners bearing colorless numerals of value upon a shaded ground. Heavily shaded ornaments above and below inner side labels upon a ground lightly shaded diagonally; slight ornaments between the ends of the lower labels, and an outer line of color completes the design.

3c. Blue.

Die approved Oct. 25, 1871.	First issued Aug., 1872.
No. of stamps per sheet 210.	Last issued prior to 1878.
Total No. issued, silk paper,	1,860,689.

Description.—Design precisely the same as for the one cent value excepting that the inner label at left side is inscribed "THREE"; at right "CENTS.", and the numerals of value which are altered to correspond, are placed obliquely.

E. K. SMITH.

1c. Blue.

Die approved Nov. 19, 1875.	First issued Dec., 1875.
No. of stamps per sheet 210.	Last issued Jan. 24, 1881.
Total No. issued, silk paper	} 16,105,050.
“ “ “ pink “	
“ “ “ wmk. “	

Description.—Design the same as for the Matches (Head of Franklin)* stamp, excepting that enough of the lower portion of the bust has been

*See p. 191.



cut away to admit of the insertion of an extra curved label of color between it and the lower label, this is inscribed "E. K. SMITH." in small, colorless, Roman capitals.

STANDARD MATCH CO.

1c. Black.

Die approved First issued Nov. 25, 1882.
 No. of stamps per sheet 210. Last issued June 5, 1883.
 Total No. issued, watermarked paper, 221,970.

Description :—Size of engraving 19 x 23mm. An United States flag upon a circular disk of solid color bordered above and below by a row of colorless pearls and inscribed above "THE STANDARD", and below "MATCH COMPANY" in colorless, block capitals. Above, in a semi-circular label, colorless except for its shaded ends, "U. S. INTERNAL REV." in colored, Roman capitals. A broad, rectangular frame, with a ground of oblique shade lines, is inscribed "ONE CENT" at top and "NEW YORK." at bottom in colorless, Roman capitals. Colored ornaments fill the balance of this broad band, which is broken at sides by oval disks of solid color, outlined by a colorless and a colored line, bearing colorless numerals of value. There is slight, colored ornamentation upon the colorless triangles between the broad band and the central disk, and the whole is bordered by a fine outer line of color.

H. STANTON.

1c. Black.

Die approved May 5, 1866. First issued July, 1866.
 No. of stamps per sheet 210. Last issued Dec. 8, 1880.

Total No. issued, old paper,	16,496,020.
" " " silk "	24,433,172.
" " " pink "	} 10,791,281.
" " " wmk'd. "	

Description :—Size of engraving 19½ x 23mm. Three-quarters portrait of Mr. Stanton to left upon the horizontally lined ground of an oval disk surrounded by a double label, the inner being colorless and the outer colored, which turns in and over both of them in a large ornament at the centre of the top, bottom and sides. The outer label is inscribed "H. STANTON," at left above, "SYRACUSE;" at right; "U. S. INTER." at left below, and "REVENUE" at right, all in colorless, Roman capitals. The inner is inscribed above, at left, "NEW YORK"; at right "MATCHES"; and below, on each side, "ONE CENT", all in colored block capitals. There are colorless numerals of value in each corner, placed obliquely, upon an horizontally lined ground bordered by two colorless and two colored lines.



THE STAR MATCH CO.

1c. Black.

Die approved Jan. 29, 1867.	First issued May 4, 1867.
No. of stamps per sheet 210.	Last issued March 15, 1883.
Total No. issued, old paper, 14,827,260.	
“ “ “ silk “	99,957,325.
“ “ “ pink “	} 168,886,956.
“ “ “ wmk'd. “	

Description:—Size of engraving 19 x 23mm. A large five-pointed star upon a circular disk with a ground shaded with radiating lines and bordered by a colorless line between two colored ones. At top is a curved marginal label with scroll and notched ends inscribed “STAR MATCH” in colorless Roman capitals upon a vertically lined ground. Below this and just inside of the central disk is a small circular disk of solid color containing a colorless, five-pointed star, and just below, in a slightly curved line of colored, Roman capitals, “CORPORATION.” At the bottom of the central disk is “PORTLAND, ME.”, and below that a colored disk, similar to that above but of oval shape, bearing a colorless numeral of value. At the bottom, in a label similar to that at the top, is “U. S. INTER. REV.” At the left side, just inside the central disk, a curved label of color inscribed “ONE”; at right “CENT” in a similar manner. The remainder of the design is composed of small foliated ornaments.

SWIFT & COURTNEY.

1c. Blue.

Die approved July 21, 1864.	First issued Aug., 1864.
No. of stamps per sheet 210.	Last issued Aug., 1875.
Total No. issued, old paper, 86,528,370.	
“ “ “ silk “	164,421,340.

Description:—Size of engraving 19 x 23mm. A colorless diamond outlined by a lined frame, double above and single below, outside of which is a colorless and a colored line, upon a circular disk with reticulated ground bordered by a colorless line. The diamond is inscribed in three lines of small, colored, Roman capitals, “DIAMOND-PARLOR MATCH-STATE”, above and below upon a circular disk of color on the reticulated ground, is a colorless numeral of value. Above and below are colored, curved labels, which closely follow the outline of the central disk; that above is inscribed “U. S. INTERNAL REV.”; that below “SWIFT & COURTNEY” in colorless, Roman capitals. There are straight, marginal labels at top and bottom; that at top inscribed “ONE CENT”; that at bottom “WILM. DEL.” in colored, Roman capitals upon a colorless ground. Each label has a small ornament in the centre separating the two words of the inscription. There are light ornaments at sides and in the triangular spaces between the curved labels and



those at the top and bottom and a heavy outer line of color surrounds the whole.

This company became merged into the Swift & Courtney & Beecher Co. on June 1, 1870.

SWIFT & COURTNEY & BEECHER CO.

1c. Blue.

Die approved Dec. 20, 1875. First issued Dec., 1875.
No. of stamps per sheet 210. Last issued March 30, 1883.

Total No. issued, silk paper,	} 475,154,123.
“ “ “ pink “	
“ “ “ wm'k. “	

Description :—Design the same as for Swift & Courtney, of whom this company was the successor, excepting that the marginal label at bottom is removed and an extra curved label with rounded ends is inserted just below the other curved label. This is inscribed “ & BEECHER CO. ”, and there are diagonal, colorless labels added in each lower corner, that at left inscribed “ WILM. ”, and that at right “ DEL. ”

1c. Black.

Die approved Feb. 17, 1879. First issued March, 1879.
No. of stamps per sheet 210. Last issued Dec. 9, 1880.

Total No. issued, watermarked paper, 441,000.

Description :—The same design as that of A. Beecher & Sons,* who became merged with this company, excepting that the letters in the corners are changed, those above being “ c ” at left and “ B ” at right, and those below “ c ” at left and “ s ” at right.

TRENTON MATCH CO.

1c. Blue.

Die approved First issued April 19, 1881.
No. of stamps per sheet 210. Last issued Feb. 28, 1883.

Total No. issued, wmk'd. paper, 7,770,000.

Description :—Size of engraving $23\frac{1}{2} \times 19\frac{1}{4}$ mm. Coat of Arms of the State of New Jersey upon a rectangular tablet with a curved top. In a curved line at the top of the central tablet “ U. S. INTER. REVENUE ” in small, colored, Roman capitals. Above, in a curved label of solid color, “ TRENTON MATCH CO. ” in colorless, block capitals; at bottom, upon a straight, marginal label of color, “ TRENTON, N. J. ” in colorless, Roman capitals. At left, in a straight marginal label “ ONE ” in large, outlined block capitals upon a

*See p. 147.



colorless ground; at right "CENT" in a similar manner. In these side labels the letters are placed one above the other. Circular disks of color in the corners, large above and small below, containing colorless numerals of value. There is slight ornamentation above the ends of the upper label and the whole is bordered by a fine outer line of color.

E. R. TYLER.

1c. Green.

Die approved Sept. 18, 1866.	First issued Sept., 1866.
No. of stamps per sheet 210.	Last issued Aug., 1875.
Total No. issued, old paper, 12,613,020.	
" " " silk "	14,709,000.

Description:—Size of engraving 19 x 23mm. A large five-pointed star upon the horizontally lined ground of a circular disk bordered by a broad colored band between two colorless lines. This band is inscribed "U. S. INTERNAL REVENUE." above and "MATCHES." below in colorless, Roman capitals. Above, upon a curved and scrolled label, "ONE CENT" in colored, Roman capitals upon a colorless ground. At bottom, in the centre, is a straight, colorless label with octagonal corners, inscribed "E. R. T." in colored, Roman capitals. Irregularly shaped disks in the upper corners and circular ones in the lower corners bearing colorless numerals of value upon an horizontally shaded ground. Foliated ornamentation and hatched ground, with a small pearl at each lower corner, complete the design.

This die afterwards passed into the possession of Ives & Judd, Bowers & Dunham, and Bagley & Dunham.

Mr. Tyler's place of business was West Cheshire, Conn.

ALEX. UNDERWOOD.

1c. Green.

Die approved Oct. 23, 1867.	First issued Nov. 7, 1867.
No. of stamps per sheet 210.	Last issued March, 1872.
Total No. issued, old paper, 1,762,320.	
" " " silk "	220,000.

Description:—Size of engraving 19 x 23mm. Three-quarters portrait of Mr. Underwood to left upon a circular disk bordered by a colored and a colorless line. Above, in a curved line just inside the disk, "ALEX. UNDERWOOD & CO.;" below in a similar manner, "MATCHES." both in colored, Roman capitals. At top and bottom are curved, marginal labels of color, that at top inscribed "ONE CENT" and that at bottom "U. S. INTER. REV." in colorless, Roman capitals. There are colorless numerals of value upon the horizontally, lined spaces between the labels and the central disk in each corner and slight ornamentation outside of the ends of the marginal



labels. This die was sold to the Electric Match Co., of Kenosha, Wis., who had it altered but never used stamps from it.

THE UNION MATCH CO.

1c. Black.

Die approved Sept., 1880.

First issued Sept., 1880.

No. of stamps per sheet 210.

Last issued Nov. 23, 1881.

Total No. issued, watermarked paper, 4,929,000.

Description:—Size of engraving 18 x 22 $\frac{1}{2}$ mm. A deer's head upon the hatched ground of an oval disk bordered by a colorless band between two fine lines of color. This band is inscribed "UNION MATCH CO." above and "DETROIT, MICH." below in outline, colored capitals, the inscriptions being separated at sides by a colored, five-pointed star. At the top is a straight, marginal label of color inscribed "U. S. INTER. REV." Between this and the colorless band at each side, and in similar positions below, are colored, circular disks containing colorless numerals of value. Between the two upper disks is a foliated ornament. At the bottom, between, and extending below, the lower disks, is a slightly curved label of color inscribed in two lines "FRICTION-MATCHES". At left, upon a straight label of solid color "CENT"; at right in a similar manner, "ONE." There are small, colorless, ornaments at either end of these labels and all the above inscriptions are in colorless, Roman capitals. There are foliated ornaments in the lower corners and outside of the upper disks; the sides, outside the labels, are horizontally lined, as is, also, the remainder of the ground inside the outer labels, though in places this ground is vertically hatched also.

THE UNIVERSAL SAFETY MATCH CO.

1c. Black.

Die approved Oct. 1, 1864.

First issued Nov., 1864.

No. of stamps per sheet 210.

Last issued Aug., 1875.

Total No. issued, old paper, 9,286,580.

" " " silk " 9,484,620.

Description:—Size of engraving 19 x 23mm. A lighted Roman lamp upon a block pedestal inscribed "U. S. M. CO." in colored, Roman capitals upon a colorless tablet. Above, in a curved label of solid color, "BOSTON," below, in a straight label, "MASS.," both in small, colorless, Roman capitals. Circular disks of solid color in each corner, those above bearing an "U" at left and an "S" at the right; those below bearing colorless numerals of value. There are two, small floral ornaments on the ground outside the frames of these disks. The whole is surrounded by a series of colored



labels, whose rounded ends touch above and below at each side; that above is inscribed "U. S. INTERNAL REV.;" that below "SAFETY MATCHES"; that at left "ONE", and at right "CENT" all in colorless, Roman capitals. There are small exterior floral ornaments in the corners and a very little lathework at the centre of each of the four sides.

Until Dec. 31, 1864 this company was controlled by one Jenkins; on that date it passed to Cyrus Carpenter & Co.; both of these firms were of Boston, Mass. After July, 1867 it was transferred to the Eagle Match Co. (W. L. Heazelton & Co.), of Trenton, N. J., and again, on Sept. 27, 1868, to the firm of Hendrickson & Leigh, also of Trenton, N. J. None of these companies or individuals made any change in the die. It afterwards became the property of Leigh & Palmer and they were succeeded by H. Leigh; both of these parties, who were also of Trenton, N. J., had the die altered to suit their business.

WASHINGTON MATCH CO.

1c. Black.

Die approved May 31, 1875.	First issued June, 1875.
No. of stamps per sheet 210.	Last issued July, 1875.

Total No. issued, silk paper, 176,000.

Description:—Size of engraving 19 x 23mm. Three-quarters portrait of Washington, in military dress, to left upon a shaded ground. Above, in a broad, curved, marginal label of solid color, "WASHINGTON-MATCH CO." in two lines of colorless, Roman capitals. Below, in a similar manner and type excepting that the label is straight, "ONE CENT-U. S. INTER. REV." Fancy tablets of color at sides contain colorless numerals of value. Slight lathework ornamentation at sides and above the ends of the upper label, together with a fine outer line of color, completes the design.

The place of business of this company was Washington, Conn.

THE WILMINGTON PARLOR MATCH CO.

1c. Black.

Die approved July 29, 1869.	First issued Oct., 1869.
No. of stamps per sheet 210.	Last issued April, 1872.

Total No. issued, old paper, 1,841,650.

" " " silk " 141,000.

Description:—Size of engraving 19 x 22½mm. A globe showing the map of the Western hemisphere surrounded above and below by curved bands of color between two colorless lines and, at sides, by a curved row of colorless pearls upon a ground of solid color. The band is inscribed "U. S. INTER. REVENUE" above, and "WILMINGTON PARLOR MATCH CO." below. The upper inscription is in colorless Roman, and the lower in colorless, block



capitals. At the top, in the centre, is a straight, marginal label of color inscribed "ONE CENT"; below, in a similar label, "WILMINGTON, DEL." both in colorless, Roman capitals. Circular disks of color, containing colorless numerals of value, between the labels at corners. Lined ground with slight lathework ornaments complete the design, which is bordered by a fine outer line of color.

This company seems to have consisted of B. James, who was succeeded by Connor & Walley.

WISE & CO.

1c. Black.

Die approved Jan. 11, 1869.
No. of stamps per sheet 210.

First issued Feb. 20, 1869.
Last issued Feb. 20, 1869.

Total No. issued, old paper, 110,000.

Description:—Size of engraving 23 x 19½mm. An irregularly shaped colorless tablet containing a full face portrait of Liberty with flowing hair and wearing a Phrygian cap. Above, in a curved line of colored, Roman capitals: "METROPOLITAN"; just below, to left of the head, "MATCH"; in a similar position at right, "WORKS". These inscriptions are ornamented with colored dashes. Below, at right and left of bust, colorless numerals of value upon the lined ground of circular disks, having slight, scroll ornaments above them. All this is surrounded by shaded scrolls, each bearing a label of solid color; that above is inscribed "U. S. INTER. REVENUE"; that below: "WISE & CO. NEW YORK"; that at left "ONE", and at right "CENT."

F. ZAISS & CO.

1c. Black.

Die approved Jan. 10, 1876.
No. of stamps per sheet 210.

First issued Feb., 1876.
Last issued Feb. 9, 1881.

Total No. issued, silk paper,	} 22,558,000.
" " " pink "	
" " " wmk'd. "	

Description:—Size of engraving 18 x 22½mm. Three-quarters portrait of Mr. Zaiss to right upon a horizontally lined circular disk bordered by a colorless line between two fine colored ones. Above, in a curved label of solid color, "U. S. INTER. REV.—ONE CENT", in two lines of colorless, Roman capitals; below, in a similar manner, "F. ZAISS & CO.—MATCHES." At each side is a fancy monogram, in color, of the letters "F. Z. M. C. and O." upon a colorless tablet. Large, colorless numerals of value, placed obliquely, in the upper corners upon colored tablets. Lined and foliated ground completes the design, which is bordered by a fine outer line of color.



ZISEMANN, GRIESHEIM & CO.

1c. Green.

Die approved Oct. 4, 1867. First issued March, 1868.
 No. of stamps per sheet 210. Last issued Aug., 1868.

Total No. issued, old paper, 739,040.

Description:—Size of engraving 19 x 23mm. An eagle perched upon a rock to right and grasping in its talons a sheaf of five arrows and an olive branch. This is upon a circular disk bordered by a band of color between two colorless lines which is inscribed "MANUFACTORY" above and "ZISEMANN, GRIESHEIM & CO. ST LOUIS." at sides and below, all in colorless, block capitals. Above, in a curved ribbon-like label with scrolled and notched ends, "ÆTNA MATCH" in colorless, Roman capitals; below, in a somewhat similar manner, "U. S. INTER. REV." At the top of the central disk is a colored, circular tablet bearing a colorless numeral of value; to left of this disk "ONE"; to right of it "CENT" in colored, block capitals. Lined ground and foliated ornamentation complete the design.

1c. Blue.

* First issued Aug., 1868. Last issued Aug., 1875.

Total No. issued, old paper, 17,383,756.

" " " silk " 29,363,710.

Description:—Design the same as for the green stamp.

This die was used by F. Mansfield & Co. after June 30, 1868, and from them it passed to the Alligator Match Co.



MEDICINE STAMPS.

THE ANGLO-AMERICAN DRUG CO.

1c. Black.

Die approved

First issued Jan. 17, 1881.

No. of stamps per sheet 66.

Last issued March 26, 1883.

Total No. issued, watermarked paper, 3,764,000.

Description:—The one cent stamp of Jeremiah Curtis & Son with the inscription on the left hand tablet altered to: "THE-ANGLO-AMERICAN-DRUG COMPANY-PROPRIETORS" in four lines.

J. C. AYER & CO.

Cataloguers have for some time listed the one cent stamp of this title in *red* as well as black, and the four cent value in both blue and *lilac*. No one, however, has seemed to possess any positive information respecting the red and lilac stamps, and it is now less than a year since one of our most advanced collectors of match and medicine stamps addressed a letter to Messers J. C. Ayer & Co. at Lowell, Mass., respecting them, and asking if they could throw any light upon the subject. His reply was to the effect that it was *believed* that *proofs* were submitted in those colors, but that they were never regularly so issued.

A specimen of the four cent in *green* was also known to exist in the collection of Mr. W. C. Van Derlip, of Boston, but, for some unknown reason, that color was never listed.

Fortunately the records of Butler & Carpenter were so full and complete in this instance that the question can be easily and definitely settled in every particular, and, as the correspondence cannot be of great interest, we quote from it as follows; the first letter, dated March 26, 1863, is addressed by Butler & Carpenter to J. C. Ayer & Co.:

"Enclosed we send impressions in various colors. In our view the red and black appear best. Be pleased to select the color in accordance with your own judgement, etc."

This letter refers to the four cent value, and, without doubt, the impressions enclosed in it were *proofs only*. But, under date of April 4, 1863, we find the following:

"Yr. favor of the 3rd. inst. is rec'd. Your instructions will be carried out. Your order calls for \$1,100 worth of 4c. stamps, or 27,500 stamps. We will print these stamps in equal amounts from the six different colors, *i. e.*



Black, Blue, Red, Green, Purple and Vermilion. With regard to these colors all except the last are prepared as usual for the usual stamps, but the vermilion being a very expensive color, we charge somewhat more to cover its cost. Printing in the other colors is not extra.

"Yr. 4c. plate will be printed next Monday. * * * We hope in a few days to have the cent stamp also printing. We will submit proofs of it also."

The above letter settles several points; *first*; that the impressions sent March 26th were *die proofs only*, as the expression "*Your 4c. plate will be printed next Monday*" clearly indicates that the plate *had not*, at that time, *been put to press*. *Second*; that the four cent value was to be printed in six colors, and, *Third*; that no proofs of the one cent stamp had been submitted up to that time.

Again; on April 11, 1863, we find the following letter:

"We have delivered to the Agent to be forwarded this day to you the 4c. stamps in Six different colors. * * * Be pleased to advise us which color you prefer: we have a number of impressions *in blue on hand*."

On April 14, 1863, they wrote:

"We should inform you that perhaps the most lasting color of the various inks sent you in your 4c. stamps is the *blue*. It is made out of the pure Prussian blue. The purple is the most evanescent."

Lastly, on April 27, 1863, they wrote:

"Yr. favor of the 24th inst. is duly rec'd. We are prepared to fill the 1c. order on presentation; having printed seven hundred imps. in *red, purple, black, carmine, orange and green**, and four hundred imps. *in blue*; * in all about 50,600 one cent stamps."

In addition to the above letters we find evidence in the records of the printing department in the shape of notes relating to the colors used, etc. We are fully convinced, therefore, that the 1c. value was printed AND ISSUED in the *seven different colors* enumerated above and that the four cent value was similarly issued in *six colors*.

These facts having been established, we will proceed to the

1c. Black.

Die approved Feb. 27, 1863.	First issued May, 1863.
No. of stamps per sheet 46.	Last issued Jan. 24, 1883.
Total No. issued, old paper, 12,113,122.	
" " " silk	" 6,411,995.
" " " pink	" } 6,348,393.
" " " wmk'd.	" }

Description:—Size of engraving 137 x 15½mm. A central tablet with an arched label above and below, that above inscribed "U. S. INTER. REV.",

*Italics are our own.



and that below "PROPRIETARY" in colorless, Roman capitals upon a ground of horizontal lines. Between these labels is a vertically lined ground bearing a large, horizontally shaded and outlined, numeral of value, which is crossed by a straight label of solid color with rounded ends containing the inscription "ONE CENT" in colorless, Roman capitals. In each corner, outside of the ends of the upper and lower labels, is a circular disk of color bearing a colorless numeral of value. To the right and left of this are long, colorless spaces framed, except on the outer end of the stamp at left, where there is no frame, by a rather thin line of foliated ornamentation. In the left label is the inscription "PREPARED BY J. C. AYER & CO.—PRACTICAL & ANALYTICAL CHEMISTS—LOWELL, MASS., U. S. A." in three lines. At right is a fac-simile signature of "J. C. AYER & CO." The right end of the stamp is filled by an ornate design of foliated lathework with a central ground of vertical lines.

The 1c. Red.

Date of issue May, 1863. Total No. issued, old paper, 5,336.

The 1c. Carmine.

Date of issue May, 1863. Total No. issued, old paper, 5,336.

The 1c. Purple.

Date of issue May, 1863. Total No. issued, old paper, 5,336.

The 1c. Orange.

Date of issue May, 1863. Total No. issued, old paper, 5,336.

The 1c. Green.

Date of issue May, 1863. Total No. issued, old paper, 5,336.

The 1c. Blue.

Date of issue May, 1863. Total No. issued, old paper, 18,584.

4c. Blue.

Die approved Feb. 27, 1863. First issued April, 1863.
 No. of stamps per sheet 48. Last issued April 12, 1883.

Total No. issued, old paper, 9,143,374.
 " " " silk " 6,712,339.
 " " " wmk'd. " 5,384,582.

Description :—A circular disk, with a reticulated ground, crossed by a broad, colorless, horizontal label outlined by a colored and a colorless line and containing a facsimile of the signature of "J. C. Ayer & Co." in color. Above, in a straight label with rounded ends "U. S." in colorless, Roman capitals upon a ground of solid color; below this and just above the central



colorless band, is "INTER. REVENUE"; in a straight label; just below the band, in a similar label but wider, "FOUR CENTS"; an oval disk just below contains a colorless numeral of value, and, below that in a curved label, is "PROPRIETARY." All of the above are in colorless, Roman capitals upon a ground of solid color. The central circle is framed by a heavy colorless and colored line, outside of which are sixteen fine concentric lines of color, separated from each other by a colorless line which gradually increases in width to the outer edge. The diameter over all is 46mm.

Before being used the stamps are cut by a steel die into the shape of a ten-pointed star, the points starting from the frame of the central disk.

4c. Black.

Date of issue April, 1863. Total No. issued, old paper, 4,560.

4c. Red.

Date of issue April, 1863. Total No. issued, old paper, 4,560.

4c. Vermilion.

Date of issue April, 1863. Total No. issued, old paper, 4,560.

4c. Green.

Date of issue April, 1863. Total No. issued, old paper, 4,560.

4c. Purple.

Date of issue April, 1863. Total No. issued, old paper, 4,560.

THE BARHAM PILE CURE CO.

4c. Green.

Die approved Jan. 5, 1878. First issued 1878.

No. of stamps per sheet 28. Last issued 1878.

Total No. issued, watermarked paper, 2,500.

Description:—Size of engraving 194 x 18½mm. A central, horizontal rectangle bordered, except in the centre above and below, by a reticulated frame. The central portion of the frame above and below starts at the termination of the reticulation in a prism-like ornament which narrows gradually from either end until it is merely a fine line of color in the centre. This is inscribed in a curved line above "BARHAM'S INFALLIBLE PILE CURE"; there is a bull's head to left upon a circular disk of horizontal lines in the centre of the rectangle, and, to left of it, "MANUFACTURED"; to right "BY THE"; and below, in a curved line, "BARHAM PILE CURE CO." The upper and lower inscriptions are in exteriorly shaded, colored, Roman capitals, while the central is in lower case Roman type. In each corner is a rectangular tablet of color, outlined by a colorless and a colored line. Those



at left are inscribed "\$1.00"; those at right "A BOX"; in colorless, upper and lower case Roman type. There are small ornaments at the inner ends of these corner disks and also between them, above and below, while the other inscriptions are ornamented by surrounding dashes of color. At either end of this rectangle is another, completely separated from the central one. Their outer frames are similar to that of the central one, and that at left is inscribed, in three lines of colorless, Roman capitals upon a vertically shaded ground, "THE GENUINE-HAS THIS-PRIVATE STAMP"; the upper line is arched, the others straight. The right hand one bears a large, colorless numeral of value in the centre, crossing which, in four lines, is "UNITED STATES-INTERNAL-REVENUE-FOUR CENTS." all but the lower line being curved.

This stamp is peculiar inasmuch as it is not found on the paper water-marked U.S.I.R. but upon a special paper with a watermark of large diamonds.

D. S. BARNES.

1c. Black.

Die approved Sept., 1862.

First issued March, 1863.

No. of stamps per sheet 64.

Last issued Feb. 6, 1865.

Total No. issued, old paper, 723,184.

Description :—Size of engraving 21 x 64mm. Three-quarters portrait of Mr. Barnes to right upon a circular disk bordered by a triple-lined frame of color outside of which, above and below, are semi-circular, colorless bands inscribed, in colored Roman capitals, "ONE CENT" above, and "STAMP." below. Above is a vertically lined space, crossed by heavy, diagonal lines of color some distance apart, upon which is a large, outlined and horizontally shaded numeral of value. This is crossed by four lines of inscription in colorless capitals as follows: "MEXICAN MUSTANG-LINIMENT.-LYON'S KATHAIRON.-PLASTERS."; diagonally in the lower corners "PRICKLY" at left, and "POROUS" at right. Below, in a similar manner but in five lines with no diagonal corner inscriptions, "WYNKOOP'S PECTORAL-LYON'S MAGNETIC-POWDER.-LYON'S MAGNETIC-PILLS ETC. Above and below these are colorless tablets, that above inscribed in two lines of colored, Roman upper and lower case letters, "PRIORIETARY ARTICLES OF"; that below "D. S. BARNES" in facsimile signature and "NEW YORK." in colored, block capitals. Straight-marginal labels of color at top and bottom inscribed "U. S. INTERNAL" at top; "REVENUE" at bottom, in colorless, block capitals. A heavy outer line of color surrounds the whole.

2c. Black.

Die approved Sept., 1862.

First issued March, 1863.

No. of stamps per sheet 52.

Last issued Feb. 6, 1865.

Total No. issued old paper, 202,650.

Description :—Size of engraving 21 x 86mm. Of the same general de-



sign as the one cent value. The colorless band above the circular disk is inscribed "TWO CENT"; the numerals are altered to correspond; the inscription in the shaded space above is in eight lines, as follows: "MEXICAN-MUSTANG-LINIMENT.-HEIMSTREET'S-HAIR-COLORING.-LYON'S-MAGNETIC POWDER.;" and that below, which is in six lines, is "ROYCE-AND ESTERLY'S-DENTRIFICE.-HAGAN'S-MAGNOLIA-BALM & C."

4c. Black.

Die approved Sept., 1862.	First issued March, 1863.
No. of stamps per sheet 39.	Last issued Feb. 6, 1865.
Total No. issued, old paper, 1,619,483.	

Description:—Size of engraving 21 x 107½mm. Of the same general design as the one and two cent values. The colorless band is inscribed "FOUR CENT"; the numerals of value are altered to correspond; the inscription above is, in ten lines, "DRAKE'S-PLANTATION-BITTERS.-LYON'S-MAGNETIC-POWDER.-GUYSOTT'S-YELLOW-DOCK-AND-SARSAPARILLA"; and that below, in nine lines, "MEXICAN-MUSTANG-LINIMENT.-HEIMSTREET'S-HAIR-COLORING.-DRAKE'S CATAWBA-BITTERS & C."

1c. Vermilion.

First issued Sept. 5, 1863.	Last issued Oct. 10, 1863.
Total No. issued, old paper, 88,704.	

Description:—Identical with the one cent black.

It has been generally believed that the vermilion stamps were the first issued, though, as can be seen by a comparison of the first date of issue, in reality the black came first, then the vermilion, and, after the supply of the latter was exhausted, the black were again issued.

The following correspondence gives a very full history of these stamps and for that reason we reproduce it fully. They are all letters from Butler & Carpenter to Mr. Barnes, the first, dated April 10, 1863, being as follows:

"We are informed that probably you would prefer these plates printed in other colors than black. It is but proper to state to you that *black is very readily photographed*; and, as your medicines have unusual sale, there may be inducements to photograph your stamp. Still the perforating is always a protection. We think, however, that, as a rule, bright colors seize the passing eye more powerfully: hence gay-colored stamps are, perhaps, preferable in this respect. We will forward you a few impressions in sheets of different colors."

April 18, 1863 " * * * Your directions concerning the color of yr. stamps are duly heeded. Let us ask, however if you want all three in the same color? And do you know it is a very expensive color?"

Your order of the 17th inst. delivery could not be filled with stamps of the new Carmine color as it arrived about the same time as your instructions."

April 23rd, 1863. "Yr. favor of the 21st inst. is duly rec'd. We will print, and are now printing as you desire. We have produced a very hand-



some color by mixing 2 oz. Carmine with 5 lbs. Vermilion, which amount of ink will print about six hundred impressions from one of yr. plates. Now for this color we will only charge you about what it costs us, say 50 cents pr. thousand stamps of the 4ct. plate; 37½c. per thousand stamps of the 2ct. plate; and 31½c. per thousand 1 cent stamps. Were we to use a pure Carmine only, costing *twenty dollars pr. pound*, the cost would be *one hundred dollars* to print 600 imps. or 23,400 ¼c. stamps. We have no idea that you intend to pay such a price.

We have a quantity yet (authorized by you to be printed) on hand of yr. stamps in black. Do you intend to throw them on our hands or will you yet use them?"

April 25, 1863: " * * * We have on hand of yr. 4ct. plate in black 35,367 stamps; of the 2 cents 99,516 stamps and of the 1 cent plate 195,444 stamps."

May 6, 1863, acknowledging receipt of theirs of 1st. "We are glad you like the color."

Bill of Butler & Carpenter, May 9th, 1863.

" To paper & printing in black 55,000 1c stamps @ 8½c . . .	\$4.67
" " " " " 26,787 4c " " 19c . . .	5.09
" " " " " vermilion 28,213 4c. stamps @ 69c. . .	19.46
" perforating 110,000 stamps at 3c.	3.30
	\$32.51

The above is the first bill for *Vermilion*.

May 18th 1863: "We are much surprised to learn that the vermilion runs. Do you use a chemical ingredient in your paste? The color will stand soaking in water and gumming; in fact as far as we tried it, it appeared almost as permanent as black. We printed of this vermilion, so as to keep a balance for your needs, as follows, viz:

1400 Imps. or 89,600 stamps 1 cent
1525 " " 79,800 " 2 "
3075 " " 119,925 " 4 "

Fortunately we stopped printing at these numbers. We were under the impression you were perfectly satisfied with the color."

May 20, 1863: "Herewith we have the honor to annex our a/c of delivery of your private die printing & perforating.

We have sent all the black possible, viz: 20,000 1c. black.

For Paper & Printing in Black 20,000 1c. stamps @ 8½c.	\$1.70
" " " " " vermilion 87,500 4c. " " 69c.	60.37
Perforating 107,500 @ 3c.	3.22
	\$65.29

Bill. June 10, 1863:

For Paper & Printing in <i>Vermilion</i> , 2,652 stamps (4c.) @ 69c.	\$1.83
" " " " " Black 134,223 " " " 19c.	25.50
" Perforating 136,875 " " " 3c.	4.10
	\$31.43

(This bill was for an order which was completed this day.)



Then comes the following from Butler & Carpenter, dated Sept. 5, 1863.

"We forward you today through the Government Agent, order No. 3789 covering private & public stamps as you request of the Dep't.

"You will observe that we now forward the Vermilion stamps printed in accordance with your instructions. We have to observe that the balance of the vermilion stamps remaining on hand is 43,324 1ct. & 78,652 2ct. Trusting all may prove satisfactory etc."

BILL (SEPT. 5, 1863).

" For Paper & Pt'g. 7,120 1ct. (black) stamps @ 8½c.	.60
" " " 45,380 " (vermilion) " " 8½c.	3.86
" " " 68,750 4c. (black) " " 19c.	13.03
" Perforating 121,250 @ 3c.	3.64
	<hr/>
	\$21.13 "

Again, on Oct. 10, 1863:

"Annexed is our a/c. You will observe that we have now exhausted the lot of 1c. stamps printed in Vermilion & will hence continue to give them in black."

" To 52,500 1ct. stamps @ 8½c.	\$4.45
" 96,250 4c. " " 19c.	18.29
" Perf. 148,750 " " 3c.	4.47
	<hr/>
	\$27.21 "

2c. Vermilion.

First issued Nov., 1863. Last issued April, 1864.

Total No. issued, old paper, 78,652.

Description:—Design identical with the two cent black.

4c. Vermilion.

First issued May 9, 1863. Last issued June 10, 1863.

Total No. issued, old paper, 118,365.

Description:—Design identical with the four cent black.

DEMAS BARNES.

1c. Black.

Die approved Aug. 5, 1864. First issued May, 1865.

No of stamps per sheet 64. Last issued July 25, 1866.

Total No. issued, old paper, 506,378.

Description:—Precisely like the former one cent value excepting that the lower, colorless space is inscribed "DEMAS BARNES" in large and small Roman capitals instead of "D. S. BARNES" in script.



2c. Black.

Die approved Aug. 5, 1864.
No. of stamps per sheet 48.

First issued Feb. 6, 1865.
Last issued Aug. 25, 1866.

Total No. issued, old paper, 420,499.

Description:—Precisely like the former two cent value excepting that the title is altered to "DEMAS BARNES."

4c. Black.

Die approved Aug. 5, 1864.
No. of stamps per sheet 39.

First issued March 11, 1865.
Last issued Aug. 25, 1866.

Total No. issued, old paper, 970,000.

Description:—Altered from the former four cent value in the same manner as the one and two cent values.

DEMAS BARNES & CO.

1c. Black.

Die approved Aug. 21, 1866.
No. of stamps per sheet 102.

First issued Sept., 1866.
Last issued April, 1872.

Total No. issued, old paper, 1,723,152.

" " " silk " 154,948.

Description:—Size of engraving 61 x 15mm. A central upright rectangle showing a five story building upon a shaded ground bordered by a light frame with an arched top. The building bears five signs, one upon the roof and one below the windows of the four upper stories; they are inscribed: "21-PARK ROW-MEDICINE-WAREHOUSE-PLANTATION-BITTERS-DEMAs BARNES & CO." in exceedingly small letters. To right and left is an irregular tablet outlined by a colorless line between two fine lines of color; that at left is inscribed "DEMAs BARNES-& CO-NEW YORK." in three lines, the upper and lower being arched and the middle one straight, of colorless, Roman capitals upon a reticulated ground; the inscription at right is similar and reads: "PRIVATE-PROPRIETARY-STAMP." Above this, at left, is an arched, colorless label upon a vertically lined ground, inscribed "U. S. INTERNAL" in colored Roman capitals; in the lower left corner is a colorless numeral of value and just below the left end of the label is a colorless diamond. At right, in a similar manner, "REVENUE.", the numeral and diamond being at right. There is a marginal label with rounded ends at each end; that at left inscribed "ONE CENT;" and that at right "STAMP.", in colorless, Roman capitals upon a ground of solid color. A fine outer line of color surrounds the whole.

This die was sold to the Lyon Manufacturing Co. (P. H. Drake & Co.) in Jan. 1872.



2c. Black.

Die approved Aug. 21, 1866.	First issued Aug., 1866.
No. of stamps per sheet 102.	Last issued Feb., 1872.
Total No. issued, old paper, 1,732,784.	
" " " silk "	125,815.

Description :—The same as the one cent value of this series with the value altered.

This die was sold to P. H. Drake & Co. in Nov., 1868, and transferred by them to the Lyon Manufacturing Co. in Jan., 1872.

4c. Black.

Die approved Aug. 21, 1866.	First issued Sept., 1866.
No. of stamps per sheet 102.	Last issued June, 1869.
Total No. issued, old paper, 1,109,800.	

Description :—The same as the other values of this series with the value altered.

This die was sold to P. H. Drake & Co. in Nov., 1868.

T. H. BARR & CO.**4c. Black.**

Die approved Oct. 4, 1870.	First issued Oct., 1870.
No. of stamps per sheet 66.	Last issued May 3, 1871.
Total No. issued, old paper, 26,250.	

Description :—Size of engraving 62 x 25mm. Full face portrait of Mr. Barr upon an oval disk bordered by a twisted cord and superimposed upon an irregular shaped tablet with a shaded ground and a fanciful, scrolled frame. At right and left are irregularly shaped tablets with a reticulated ground, that at left is inscribed "T. H. BARR - & CO. - PROPRIETORS - TERRE HAUTE, IND." in four lines; the upper and lower being arched and the others horizontal, all in colorless capitals. Roman for the two upper, and block for the two lower lines. At right, in a similar manner, but in three lines: "U. S. INTER. - REVENUE - FOUR - CENTS."; the lower line is in block capitals, the rest in Roman. At each end of the stamp, upon an oval disk with horizontally lined ground bordered by a twisted cord, is a colorless numeral of value. The end tablets are upon a vertically shaded ground bordered by a heavy, colorless band, lightly shaded vertically and surrounded by a broad, colorless line between two fine lines of color.



BARRY'S TRICOPHEROUS.

2c. Green.

Die approved May 16, 1865. First issued June, 1865.
 No. of stamps per sheet 210. Last issued Feb., 1874.

Total No. issued, old paper, 554,375.
 " " " silk " 323,500.

Description :—Size of engraving 23 x 19½mm. A rectangle, containing a picture of an Alchemist at work, bordered by a colorless line between two colored ones. At top is a colorless curved label inscribed "U. S. INTERNAL REV." in colored capitals; over this, in the central depression of the label, is an oval of solid color containing a colorless numeral of value; there are also small, foliated ornaments at each side of the oval. Below the colorless label, upon a vertically lined ground, is "TWO" at left, and "CENTS" at right in colorless capitals. Straight, marginal labels of solid color at bottom and sides; that at left inscribed "BARRY'S"; at bottom "TRICOPHEROUS.", and at right, "NEW YORK," in colorless capitals. The lettering is all Roman and the whole is bordered by a fine line of color.

Both this and the "Proprietary" stamp were registered in the name of Barclay & Co., New York.

BARRY'S PROPRIETARY.

2c. Green.

Die approved March 3, 1874. First issued March, 1874.
 No. of stamps per sheet 210. Last issued Aug. 23, 1882.

Total No. issued, silk paper, 466,875.
 " " " pink " } 645,259.
 " " " wmk'd " }

Description :—Design the same as for the "Tricopherous" stamp with the inscription in the lower label altered to "PROPRIETARY."

D. M. BENNETT.

1c. Lake.

Die approved Feb. 10, 1865. First issued Feb., 1865.
 No of stamps per sheet 216. Last issued Aug. 17, 1871.

Total No. issued, old paper, 329,700.

Description :—Size of engraving 32½ x 14mm. An eagle, with widely extended wings, upon a shield, its talons grasping three arrows. At left, in curved lines of small colored, Roman capitals "D. M. BENNETT - OHIO."; at right, in a similar manner, "CINCINNATI, - OHIO.", both being ornamented with dashes. Straight, marginal, labels of color at all sides, inscribed "U. S. INTER. REV." at top; "PROPRIETARY" at bottom; "ONE" at left, and "CENT"



at right in colorless, Roman capitals. There are circular disks of solid color in the corners, each containing a colorless numeral of value, and the whole is bordered by a fine outer line of color.

Though originally of Cincinnati, the orders in 1870 were sent to Rochester, N. Y. and in 1871 to Paris, Ill.

W. T. BLOW.

1c. Green.

Die approved March 24, 1863.	First issued May, 1863.
No. of stamps per sheet 140.	Last issued Feb. 28, 1883.
Total No. issued, old paper, 805,009.	
“ “ “ silk “	460,435.
“ “ “ pink “	} 649,740.
“ “ “ wmk'd “	

Description :—Size of engraving 38 x 16½mm. A colorless circular disk bordered by a colored and a colorless line. In the centre of this disk is a human eye, above it are three labels of solid color outlined by colorless and colored lines and inscribed “ U. S. - INTER. - REVENUE.” The two upper labels are curved and the third one is straight. Below is another label of color, its centre curved downwards so as to enclose the eye and inscribed “ PROPRIETARY ”. All these inscriptions are in colorless, Roman capitals. At each side is a circular disk of color bearing a colorless numeral of value and at the bottom in a curved line upon the colorless ground is “ DR. T. L. STEPHEN'S.” in colored, Roman capitals. At left of this central disk is an horizontally lined ground bordered by a colorless line; this is inscribed in two curved lines reading vertically “ W. T. BLOW - PROPRIETOR.”, and at the outer end is a straight, marginal, label of color inscribed “ ONE CENT”. The right side is identical with the left; the inscriptions are in colorless, Roman capitals and an heavy line of color surrounds the whole design.

Under date of St. Louis, Nov. 30, 1865, Peter E. Blow notifies Butler & Carpenter of the transfer of his die, stamps on hand, etc. to William T. Blow, Att'y. The “ Att'y.” is affixed to prevent misunderstanding over a transfer from Peter E. Blow to one Card.

B. BRANDRETH.

1c. Black.

Die approved June 12, 1863.	First issued July, 1863.
No. of stamps per sheet 132.	Last issued Feb., 1875.
Total No. issued, old paper, 4,925,084.	
“ “ “ “ “	105,600, perforated.
“ “ “ silk “	10,542,572.
“ “ “ “ “	550,000, perforated.

Description :—Size of engraving 24 x 30mm. A ram, supporting an ar-



row, couched on the top of a shield below which, in a colorless ribbon with notched ends, is "FORWARD", in small, colored, Roman capitals. This is bordered by a colorless, circular band between two colored lines which is inscribed "UNITED STATES CERTIFICATE" above, and "OF GENUINENESS." below in colored, Roman capitals. Outside of this is a circular band of color, containing a row of colorless pearls and a colorless line. Above, in a curved line upon an horizontally shaded line, "BRANDRETH PILLS"; below, in a similar manner but in a straight line, "B. BRANDRETH.", and, just over the ends of the last, are colorless numerals of value. Marginal labels at all sides; that at top containing a colored label with rounded ends inscribed "ONE CENT"; that at left U. S. INTER. REV., and that at right "PROPRIETARY." upon a vertically lined ground. The lower label is filled with Greek ornamentation.

These are all in colorless, Roman capitals. Square corner ornaments, connected by a fine outer line of color, complete the design.

The only evidence of these stamps ever having been perforated lies in the fact that, on June 22, 1864, the Superintendent of the Vault and Packing Room received 800 sheets, 105,600 stamps from the Superintendent of Perforating and that Butler & Carpenter charged Mr. Brandreth the usual price of 3c. per 1000 stamps extra for perforating this lot.

On Sept., 1872, the journal shows a charge for perforating 220,000 of these stamps and, Nov., 1873, for 330,000 more. In the first charge the amount of money had been erased and in the latter it was never filled in.

1c. Black.

Die approved Dec. 14, 1874.

First issued Jan., 1875.

No. of stamps per sheet 42.

Last issued Jan., 1875.

Total No. issued, silk paper, 220,000.

Description :—Size of engraving 41 x 60mm. Design the same as for the first one cent stamp excepting that it is larger and the colorless circular band is inscribed "ALLOCK'S" above and "POROUS PLASTER." below, in colored, Roman capitals. There is a small, colored, five-pointed star between these inscriptions at sides.

It was at first intended that this stamp should be identical with its smaller predecessor except in the matter of size. The Bureau, however, refused to approve the model so long as it bore the inscription "*United States Certificate of Genuineness.*" The next proposition was to insert "*Guaranteed Genuine.*", but this also failed to obtain the approval of the Bureau and "*Allcock's Porous Plaster.*" was finally substituted and approved.

On Jan. 9, 1875, Mr. Brandreth wrote to Mr. Carpenter as follows :—

"We intend using the small stamp (the one we have been using) for the Pills and the large one for the plasters." And, on March 6, 1875, he wrote : "The large one is inconvenient to handle and does not look well on the goods."

As will be seen above, but one lot of this stamp was ever ordered.



1c. Black.

Die approved March 4, 1875.	First issued March 1875.
No. of stamps per sheet 132.	Last issued April 27, 1883.
Total No. issued, silk paper	7,843,243.
“ “ “ pink “	} 25,562,738.
“ “ “ wmk'd. “	

Description:—The design of the first small stamp with the inscription in the colorless band altered to “ALLOOCK’S” above, and “POROUS PLASTER.” below.

Mr. Brandreth wrote Mr. Carpenter, on Jan. 9, 1875: “You will: therefore, please alter the ‘Small Stamp Plate’ by striking out the words ‘United States Certificate of Genuineness,’ and inserting the words: ‘Allcock’s Porous Plaster’, and, when ordering, we will specify what kind we require and the quantity of each. Our proposition is to have the wording in both stamps alike, the difference being in size only.”

On Jan. 12, 1875, he writes:—“It is possible that we shall use the *small stamp* for the plasters, and for that reason we prefer to have them both *read alike*.”

Again on March 6, 1875: “We shall use this stamp (small) almost exclusively.”

C. F. BROWN.

1c. Blue.

Die approved July 30, 1870.	First issued Sept., 1870.
No. of stamps per sheet 210.	Last issued May 17, 1883.
Total No. issued, old paper,	90,720.
“ “ “ silk “	262,290.
“ “ “ wmk'd. “	258,732.

Description:—Size of engraving 19 x 23mm. A groom leading a prancing horse upon the horizontally lined ground of a circular disk bordered by an horizontally lined band between two colorless lines. This band is inscribed above, “DR. C. F. BROWN’S”, and below “YOUNG AMERICAN LINIMENT.” At top, in a curved, vertically lined label, “U. S. INTER. REV.”; below, in a similar manner, “ONE CENT.” The lower inscription is separated between the two words by a large, fancy, colorless numeral of value which extends through the circular band above and into the lower part of the central disk. All of the inscriptions are in colorless, Roman capitals. The ground is so shaded, horizontally and vertically, as to make it appear that the central disk is super-imposed upon a shield shaped tablet, and there are slight, colorless ornaments below the ends of the upper label.

This die was registered, and all business transacted, in the name of Ward, Southerland & Co., 130 William St., New York, N. Y.



F. BROWN.

2c. Black.

Die approved March 10, 1869.

First issued May, 1869.

No. of stamps per sheet 20.

Last issued Feb. 21, 1888.

Total No. issued, old	paper,	874,318.
" " " silk	"	1,798,460.
" " " pink	"	} 1,656,763.
" " " wmk'd.	"	

Description:—There are two dies of this stamp. We will first describe Die 1, and then indicate the differences between it and Die 2. Size of engraving 52 x 103mm. Profile of Washington to left upon a ground of very close horizontal and vertical lines forming an oval, bordered by a colorless line. Immediately above and below are small oval disks containing colorless numerals of value upon a solid ground and, on both sides of these disks, are scroll ornaments, below which, at sides, is colorless ground shaded with fine horizontal lines arranged in sets of three separated by a colorless space. Bordering this is an oval frame of solid color between two colorless lines, inscribed "U. S. INTER. REVENUE." above, and "TWO CENTS." below in colorless, Roman capitals. Above and below is a semi-circle composed of six reticulated rosettes, the whole being then surrounded by an irregular frame of reticulated lathework, outside of which is a wide, irregular frame of shaded foliated ornamentation bordered by a fine outer line of color. Upon this foliated frame, in a curved line above, is "F. BROWN'S", and below, in six lines the upper and fourth being curved, "ESSENCE - OF - JAMAICA - GINGER. - LABORATORY - N. E. COR. OF FIFTH & CHESTNUT STS. - PHILADELPHIA." All in colorless, Roman capitals except "Laboratory," which is in block capitals, and the address, which is in Roman upper and lower case. Below, upon the margin outside of the stamp: "*Dose.*—*For a grown person, one tea-spoonful: -for a child 10 to 12 years old, half a tea-spoonful: -for a child 2 to 5 years old, 15 to 20 drops. - To be given in Sugar and Water :*", in four lines of small upper and lower case Italics. At left, upon the foliated frame is a facsimile signature of "FRED BROWN CO" and at right, also in facsimile script, "GENUINE."

The lettering of these side inscriptions is rather indistinct: The "E" of "FRED" is not properly shaded, having no loop above and closely resembling an "R" and the final "E" of "genuine" resembles a "C," the loop not being complete.

Die 2. The inscriptions in script at the sides have been recut and are much more distinct than in die 1; the "E", both of "FRED" and of "GENUINE" is properly shaped and has the loops intact.

15,159 of these stamps on pink paper were delivered on May 7, 1878 but, from their great rarity, we think it likely that the major portion of them were exchanged for those on watermarked paper.



JOHN I. BROWN & SON.

1c. Black.

Die approved Nov. 1, 1862.	First issued Feb., 1863.
No. of stamps per sheet 72.	Last issued May 5, 1883.
Total No. issued, old paper,	2,272,088.
“ “ “ silk “	783,925.
“ “ “ wmk'd. “	2,270,062.

Description :—Size of engraving $61\frac{1}{2}$ x 23mm. A circular central disk shaded horizontally with very fine lines and bordered by a reticulated frame. This is inscribed “BROWN’S—BRONCHIAL—TROCHES.” All in colored, block capitals, the upper and lower lines being curved and exteriorly shaded with color, while the central line is upon a slightly curved, ribbon label with flowing and notched ends. There are similar disks to the right and left of the central one, but here the ground is heavily shaded horizontally and the reticulated frame is broken where that of the central disk impinges upon it. Each has a three line inscription; the upper line being semi-circular; the central one slightly curved, and the lower upon a label similar to that in the central disk. All are in colorless, Roman capitals excepting the lower line, which is in colored, block capitals. The inscriptions at left are “UNITED STATES—INTERNAL—REVENUE.”; at right “JOHN I. BROWN—& SON.—BOSTON, MASS.” There is a straight label with rounded ends below the central disk which is inscribed “ONE CENT” in colorless, Roman capitals upon a ground of solid color. Above, upon the lined ground between the disks, are colored shields bearing colorless numerals of value. The corners and other spaces are filled with foliated ornaments and the whole is bordered by a fine outer line of color.

This value was discontinued Oct. 14, 1864; resumed March 11, 1865, and again discontinued until Sept. 20, 1867.

2c. Green.

Die approved Nov. 1, 1862.	First issued Feb., 1863.
No. of stamps per sheet 72.	Last issued prior to Oct. 1, 1880.
Total No. issued, old paper,	6,728,972.
“ “ “ silk “	3,931,931.
“ “ “ pink “	} 1,896,076.
“ “ “ wmk'd. “	

Description :—Exactly like the one cent value excepting that the value is altered and the lower label slightly lengthened and having square ends.

4c. Brown.

Die approved Nov. 1, 1862.	First issued Feb., 1863.
No. of stamps per sheet 72.	Last issued prior to Oct. 1, 1880.
Total No. issued, old paper,	35,125.
“ “ “ silk “	82,250.
“ “ “ wmk'd. “	1,250.

Description :—Exactly like the two cent with value changed. None were issued in 1865, 1866, 1869, 1870, or 1874.



DR. JOHN BULL.

1c. Black.

Die approved Jan. 31, 1866.
No. of stamps per sheet 65.

First issued April, 1866.
Last issued Feb. 19, 1883.

Total No. issued, old paper,	1,899,009.
“ “ “ silk “	792,867.
“ “ “ pink “	} 1,273,618.
“ “ “ wmk'd. “	

Description :—Size of engraving 21 x 64½mm. Three-quarters portrait of Dr. Bull to left upon the hatched ground of an oval disk bordered by a ribbon which, curved above, has ends which fold back and down the sides under the lower portion. This bears a label of solid color above inscribed “U. S. INTERNAL” in colorless, Roman capitals, “ONE” at left and “CENT” at right in colored, block capitals upon a colorless ground. Below is another ribbon whose ends, which are notched, curve back and hang down below. This is inscribed “REVENUE.” in a similar manner to that at top. Just over the centre of the upper ribbon is an oval disk, of solid color outlined by a colorless and a colored line and flanked on either side by a foliated ornament, bearing a colorless numeral of value. Above, upon a vertically lined ground, is “SARSAPARILLA - CEDRON - BITTERS.” in three curved lines of colorless, block capitals. Below, in a similar manner, but in five lines, the first and third being straight, “WORM - DESTROYER. - AND - SMITH'S - TONIC SYRUP.”

Above and below are straight, marginal labels of solid color, that above inscribed in two lines of colorless, Roman capitals. “DR. JOHN BULL'S - PREPARATIONS.”; that below “LOUISVILLE, - KENTUCKY.” The spaces at corners, between these marginal labels and the rounded ends of the lined space, are heavily lined vertically and a fine line of color surrounds the whole.

4c. Blue.

Die approved Jan. 31, 1866.
No. of stamps per sheet 65.

First issued April, 1866.
Last issued March 19, 1883.

Total No. issued, old paper,	1,710,840.
“ “ “ silk “	907,412.
“ “ “ pink “	} 1,656,583.
“ “ “ wmk'd. “	

Description :—Design the same as for the one cent value excepting that the value is altered to “FOUR CENTS.”



JOSEPH BURNETT & CO.

4c. Black.

Die approved Nov. 8, 1870. First issued Nov., 1870.
 No. of stamps per sheet 132. Last issued Aug. 23, 1882.

Total No. issued,	old paper,	122,496.
" " "	silk	575,221.
" " "	pink	} 558,033.
" " "	wmk'd.	

Description:—Size of engraving 22 x 31mm. An equestrienne upon a galloping horse in a circular disk bordered by a colorless and a colored line, "BOSTON." in colorless, Roman capitals upon the lower part of the ground of the central disk and straight, colorless, marginal labels at top and bottom inscribed in two lines of colored, exteriorly outlined, Roman capitals, at top "U. S. INTER. REV. - FOUR CENTS.;" at bottom "JOSEPH BURNETT & CO. - PROPRIETARY." There are colorless numerals of value upon circular disks of color in each of the corners, upon the lined ground between the central disk and the marginal labels and a fine outer line of color surrounds the whole.

J. W. CAMPION & CO.

4c. Black.

Die approved Nov. 7, 1875. First issued 1875.
 No. of stamps per sheet 54. Last issued Nov. 13, 1882.

Total No. issued,	silk paper,	50,455.
" " "	pink	} 130,395.
" " "	wmk'd.	

Description:—Size of engraving 92 x 19mm. A circular central disk of solid color inscribed "PINE TREE" in two lines of fancy, colorless capitals, bordered by a band of concentric shade lines between two colorless lines. This band is inscribed "WISHARTS" above in colorless, block capitals. At each side, starting from the inner frame of the central disk near the bottom and extending down and outwards is a colorless, ribbon label; that at left is inscribed "TAR"; that at right "CORDIAL", in colored, Roman capitals. Above these labels are groups of pine trees. At bottom, is a small, curved and colorless label inscribed "FOR ALL LUNG DISEASES", in colored, block capitals. At top, in a curved line of colored, Roman capitals, "REGISTERED"; below, under the left label, "TRADE" and at right "MARK". Upon the colorless ground to left of the trees is "J. W. CAMPION - CO." in two lines, the upper being curved, of exteriorly shaded, colored Roman capitals. At right, in a similar manner, "PHILADELPHIA, PENN." A large, colorless numeral of value placed sideways upon an irregular tablet with a hatched ground fills in the ends, outside of which is a large, fanciful ornament. The design, which is rather diamond shaped, is completed by four marginal labels, two above and two below, each pair being connected by a double lined ornament



terminating in a scroll where it meets the ends of the labels. The upper left label is inscribed "U. S. INTER. REV."; the upper right, "PROPRIETARY"; and both of the lower ones "FOUR CENTS" in colorless, Roman capitals.

CANNON & CO.

4c. Green.

Die approved June 8, 1876.	First issued July, 1876.
No. of stamps per sheet 95.	Last issued March 13, 1883.
Total No. issued, silk paper,	} 56,380.
" " " pink "	
" " " wmk'd. "	

Description :—Design the same as that of Hutchins & Hillyer, of which firm this was the successor, excepting that the left hand disk is inscribed "CANNON & COMPANY, - SUCCESSORS TO - HUTCHINS & HILLYER, - PROPRIETORS, - NEW YORK" in five lines; the upper and lower lines are curved and all are in colored, Roman capitals excepting the second line, which is in block capitals.

THE CENTAUR CO.

1c. Vermilion.

Die approved Dec. 8, 1877.	First issued Jan., 1878.
No. of stamps per sheet 175.	Last issued Feb. 23, 1883.
Total No. issued, pink paper,	} 416,750.
" " " wmk'd. "	
" " " wmk'd. "	

Description :—Design the same as for the two cent J. B. Rose & Co. excepting that the value is altered and the lower label is inscribed, in three lines of colored capitals, "THE CENTAUR - COMPANY, - NEW YORK."

2c. Black.

Die approved Dec. 22, 1877.	First issued Jan., 1878.
No. of stamps per sheet 175.	Last issued March 1, 1883.
Total No. issued, pink paper,	} 1,926,150.
" " " wmk'd. "	
" " " wmk'd. "	

Description :—Design the same as for the one cent value excepting that the value is altered.

4c. Black.

Die approved Dec. 22, 1877.	First issued Jan., 1878.
No. of stamps per sheet 175.	Last issued Jan. 5, 1881.
Total No. issued, watermarked paper, 80,050.	

Description :—Design the same as for the one and two cent with the value altered.



A. W. CHASE, SON & CO.

1c. Black.

Die approved April 16, 1877.	First issued June, 1877.
No. of stamps per sheet 84.	Last issued prior to Oct. 1, 1880.
Total No. issued, silk paper,	} 7,144.
“ “ “ wmk’d. “	
“ “ “ “	

Description :—Size of engraving 66 x 15½mm. Full face portrait of Dr. A. W. Chase upon the hatched ground of an oval disk bordered by a colorless line with scrolled labels at right and left; that at left inscribed “RESPECTFULLY,” that at right “A. W. CHASE, M. D.” in facsimile script upon a lined ground. These scrolls are connected above and below the central disk by a double lined frame. The whole is then made into an horizontal rectangle by straight, marginal labels of color broken in the centre, above and below, by the central disk. The upper is inscribed “UNITED STATES” to left, “INTER. REVENUE” to right; the lower “PROPRIETARY” at left, “STAMP” at right, and the end ones “ONE CENT.”; all in colorless, Roman capitals. There is a small, square ornament at each end of “PROPRIETARY” and three similar ornaments before and after “STAMP”. Upon the colorless ground which is enclosed by these labels at left is “DR. CHASE’S - FAMILY - MEDICINES - CONDITION POWDERS, ETC.” in four lines of Roman capitals, colored and shaded except for the second line which is colorless and upon a fancy panel of color. There are colorless numerals of value placed diagonally upon irregular tablets of color in the corners and the tablets have small ornaments at each side. The right end is similar but inscribed in three lines : “DR. A. W. CHASE, SON & CO. - PROPRIETORS - TOLEDO, OHIO.” The centre line being in colorless, block capitals. All of these inscriptions are ornamented with colored dashes and the whole is bordered by an outer line of color.

2c. Black.

Die approved April 24, 1877.	First issued May, 1877.
No. of stamps per sheet 84.	Last issued 1877.
Total No. issued, silk paper, 4,200.	

Description :—Design the same as for the one cent with the value altered.

4c. Black.

Die approved April 24, 1877.	First issued May, 1877.
No. of stamps per sheet 84.	Last issued 1877.
Total No. issued, silk paper, 4,200.	

Description :—Design the same as for the one cent with the value altered and the numerals of value within circular disks of color upon a lined ground.



WM. E. CLARKE.

3c. Blue.

Die approved Feb., 1880.

First issued 1880.

No. of stamps per sheet 210.

Last issued 1880.

Total No. issued, watermarked paper, 9,000.

Description :—Size of engraving $17\frac{1}{2} \times 22\frac{1}{2}$ mm. A man wrestling with death, whom he is about to strike with a bottle which he holds in his uplifted hand. This is upon a rectangular disk which has its upper left corner cut off diagonally by a band of hatched ground with colorless dots between two colorless and colored lines. In the corner thus cut off, and which extends to the inner frame of the design at top and left, is a colorless, semi-circular tablet inscribed in two lines of colored, block capitals, "HUNT'S-REMEDY." The upper line being curved and separated from the lower by a dash. Above, at right, is a similar band containing three colorless triangles points up, with a small, colored dot at the bottom of each. At the right side, extending from upper corner down to the bottom of the central tablet, is a straight, marginal label of color inscribed "THREE CENTS"; at left in a similar label beginning below the end of the corner piece above and extending to the lower corner, "U. S. INTER. REV.," both in colored, Roman capitals. In the lower right corner is a triangle similar to that in the upper left, bearing a colored numeral of value placed obliquely. Below the central tablet, upon an obliquely lined ground, is "WM. E. CLARKE—PROPRIETOR.—PROVIDENCE, — R. I." in four lines. The upper being in colorless, block capitals; the second in colored, block capitals, and the others in colored, upper and lower case Roman. There are slight ornaments in the upper left and lower right corner triangles, and the whole is bordered by a fine outer line of color.

6c. Black.

Die approved Jan. 20, 1879.

First issued 1879.

No. of stamps per sheet 210.

Last issued Nov. 24, 1880.

Total No. issued, watermarked paper, 115,249.

Description :—Size of engraving $22\frac{1}{2} \times 17\frac{1}{2}$ mm. A broad, ribbon-like label whose notched ends curl around two upright standards and show in shaded points above and below. This is inscribed, in two straight lines, "HUNT'S REMEDY." in block capitals, which in the upper line are shaded at top and solid color below, and, in the lower, solid above and shaded below. Above, in a straight line of colored, block capitals, "PROPRIETOR," upon the colorless ground; below, in a similar manner, "PROVIDENCE, R. I." This is bordered by an octagonal frame of solid color outlined by colorless and colored lines, inscribed "WM. E. CLARKE" above, "SIX" at left, "CENTS" at right; and "U. S. INTER. REV." below in colorless, Roman capitals. This frame is broken at each corner by an upright oval of solid color outlined by a colorless and a colored line and bearing colorless numerals of value.



R. C. & C. S. CLARKE.

4c. Black.

Die approved July 19, 1873.

First issued Aug., 1873.

No. of stamps per sheet 85.

Last issued June 1, 1882.

Total No. issued, silk paper, 275,000.

" " " wmk'd. " 82,297.

Description.—Size of engraving $55\frac{1}{2}$ x 20mm. An horizontal rectangle with truncated corners and ground of horizontal lines bordered by a colorless line between two colored ones and containing a row of three large, circular disks outlined by a colorless line, outside of which is a line of solid color, bearing a row of colored triangles. These disks are lettered from left to right "A. B. C." in large, colorless, Roman capitals upon a reticulated ground. Above and below each of the disks is a curved label of solid color which closely follows the outline of the disk. These are inscribed "U. S. INTER. - REVENUE. - FOUR CENTS." above, and "R. C. & C. S. CLARK. - CHEMISTS. - CLEVELAND, O." below, in colorless, Roman capitals. At each end is a colorless, upright octagonal disk, framed by a colorless line between two colored ones and containing a colored numeral of value. There is an outer ornament in each corner and slight ornamentation between the circular disks where the curved labels meet.

COLLINS BROS.

1c. Black.

Die approved Dec. 14, 1866.

First issued Jan. 2, 1867.

No. of stamps per sheet 220.

Last issued Sept., 1872.

Total No. issued, old paper, 231,000.

" " " silk " 56,100.

Description.—Size of engraving $25\frac{1}{2}$ x 15mm. Three-quarters portrait of Mr. Collins to right upon a shaded rectangular ground with truncated upper corners and bordered by a fine colored, and a heavy colorless, line. Upon this ground, in a curved line at left is: "U. S. INTER. REV."; at right: "PROPRIETARY." in colored, block capitals, with dashes of color above and below. There are straight, marginal labels of shade lines at top, sides, and, at right and left of bust, below. That at top is inscribed: "COLLINS BROS."; at left, "ST. LOUIS."; at right: "MISSOURI"; and at bottom, to left, "ONE"; to right "CENT". All in colorless, Roman capitals. There is a circular disk of solid color containing a colorless numeral of value in each of the upper corners, and an outer line of color borders the whole.

No stamps were issued from this plate between Dec., 1868, and Sept., 1872.



W. H. COMSTOCK.

1c. Black.

Die approved May, 1880.

First issued 1880.

No. of stamps per sheet 210.

Last issued Feb. 19, 1883.

Total No. issued, watermarked paper, 2,578,000.

Description:—Size of engraving 18 x 22½mm. Three-quarters portrait of Mr. Comstock to left upon the hatched ground of an oval disk bordered by a colorless line. Above, in a curved label of solid color, "W. H. COMSTOCK"; below, upon a ground of solid color with foliated ornaments above and below at ends, "SOLE-PROPRIETOR." in two curved lines. Straight, marginal labels of color at sides; that at left inscribed "U. S. INT. REV."; that at right "ONE CENT". All the inscriptions are in colorless, Roman capitals, and there are colorless numerals of value upon the shaded ground of circular disks in the upper corners. Slight ornamentation between these corner disks and an outer line of color at sides.

CHAS. N. CRITTENTON.

1c. Black.

Die approved Sept. 26, 1876.

First issued Oct., 1876.

No. of stamps per sheet 144.

Last issued May, 1878.

Total No. issued, silk paper, 883,720.

Description:—Size of engraving 14 x 53mm. A bee-hive in the woods upon an oval disk bordered by a band of solid color outlined by colorless and colored lines and inscribed "U. S. INTER. REV." above and "ONE CENT" below, in colorless, Roman capitals. There is a colorless Maltese cross at sides between the inscriptions. Above and below are circular disks of solid color containing colorless numerals of value and bordered by a shaded band between colored and colorless lines: that above is inscribed "PIKE'S TOOTHACHE DROPS."; and that below "GLENN'S SULPHUR SOAP." in colored, block capitals. Starting from the left side of the frame of the central disk and extending upwards, enclosing the upper disk with its shaded band, and down the right side to a position opposite its starting point is a label of solid color, outlined by a colorless and a colored line, inscribed "CHARLES N. CRITTENTON" with a small, six-pointed star at either end; below, in a similar label but without the stars, "CENTRAL MEDICINE WAREHOUSE, NEW YORK"; both in colorless, block capitals. Foliated corner ornaments, connected across top and bottom and in the spaces between the disks, and a row of shaded pearls, terminating in small ornaments at ends of labels, at sides.

1c. Blue.

Die approved Sept. 26, 1876.

First issued June, 1878.

No. of stamps per sheet 144.

Last issued May 6, 1883.

Total No. issued, pink paper, } 2,306,030.
 " " " wmk'd. " }

Description:—Design the same as for the one cent black.



2c. Black.

Die approved Sept. 8, 1877.	First issued Sept., 1877.
No. of stamps per sheet 144.	Last issued March 6, 1883.
Total No. issued, pink paper, } 975,925.	
“ “ “ wmk. “	“ “ “ “

Description:—Design the same as the one cent excepting that the value is altered.

COOK & BERNHEIMER.**4c. Blue.**

Die approved	First issued March 2, 1883.
No. of stamps per sheet	Last issued May 5, 1883.
Total No. issued, watermarked paper, 37,804.	

Description:—Size of engraving 104 x 18½mm. A long rectangle, about two-thirds the width of the stamp, above. In the centre of this is the sun, in the shape of a face, with radiating lines covering the ground of the rectangle. Above the sun is a ribbon with floating ends terminating in tassels, this is inscribed “SUNSMILE” in colored, block capitals. Above, at the left end, is a straight label of color inscribed “UNITED STATES”; at right “INTER. REVENUE” in colorless, Roman capitals. Below, occupying the lower third of the stamp, is “COOK AND BERNHEIMER, NEW YORK, N. Y.” in large, colorless, Roman capitals upon a ground heavily lined horizontally. In the upper left corner, separated from the rectangle by scroll ornamentation, is a colored circular disk containing a colorless numeral of value and surrounded by a colorless band inscribed “FOUR” above and “CENTS” below in small, colored, block capitals. This is framed by a colored and a colorless line and is upon lined ground; below it is a large scroll ornament and, below that, an heavily lined ground bearing a large, colorless numeral of value. The right end is identical with the left and the whole design is bordered by an outer line of color.

OLIVER CROOK & CO.**4c. Black.**

Die approved Jan. 2, 1869.	First issued March, 1869.
No. of stamps per sheet 48.	Last issued Dec., 1875.
Total No. issued, old paper, 329,116.	
“ “ “ silk “	“ “ “ “ 385,495.

Description:—Size of engraving 69½ x 27mm. A tar-making scene in a circular disk outlined by a colorless and a colored line. Above, in an arched label of solid color, “DR. CROOK’S WISE OF TAR.”; below, in a similar label, “OLIVER CROOK & CO.” At left, in two curved labels of color, “U. S. INTER.” above; “FOUR” below; at right in a similar manner, “REV-



ENUE." above and "CENTS" below; all in colorless, Roman capitals. These labels are upon a vertically lined ground profusely ornamented and framed with foliated lathework and there are small ornaments of flowers. On each side of the central disk, near the bottom, is a circular disk bearing a large, colorless numeral of value upon a shaded ground.

This firm was located at Dayton, Ohio, and afterwards sold out to S. N. Smith & Co. of the same place.

JEREMIAH CURTIS & SON.

1c. Black.

Die approved Sept., 1862.	First issued Feb., 1863.
" re-approved Jan. 13, 1878.	Last issued 1880.
No. of stamps per sheet 66.	

Total No. issued, old paper,	2,826,188.
" " " wmk. "	2,090,000.

Description :—Size of engraving 61½ x 23½mm. A naked child playing with a doll upon the shaded ground of a circular disk bordered by a colorless band between two fine lines of color and inscribed "MRS. WINSLOW'S" above and "SOOTHING SYRUP" below in shaded Roman capitals. At right and left are colorless, rectangular tablets with truncated corners and interiorly framed by two fine lines of color separated by a colorless line. That at left is inscribed in three lines of colored, Roman capitals, "JEREMIAH - CURTIS & SON - PROPRIETORS." that at right "SUCCESSORS TO - CURTISS & PERKINS - NEW YORK." Above and below these disks are straight labels with a shaded ground and truncated corners; those above are inscribed "ONE"; those below "CENT", in colorless, block capitals. There are small, circular disks of solid color above and below at each side of the central disk, containing colorless numerals of value. Straight labels of color at ends, that at left inscribed "UNITED STATES;" that at right "INTER. REVENUE" in colorless, Roman capitals. Scroll ornaments complete the design, which has a heavy, reticulated frame at top and bottom, and the whole is surrounded by an outer line of color.

This value was discontinued in Nov., 1865, and not resumed until Jan., 1878, which fact probably accounts for its being approved the second time.

2c. Black.

Die approved Sept. 24, 1864.	First issued Sept., 1864.
No. of stamps per sheet 66.	Last issued prior to 1880.

Total No. issued, old paper,	13,569,316.
" " " silk "	5,827,340.
" " " pink "	} 2,435,369.
" " " wmk. "	

Description :—Design the same as the one cent with value altered.



CURTIS & BROWN.

1c. Black.

Die approved June 13, 1865.	First issued Aug., 1865.
No. of stamps per sheet 144.	Last issued Sept., 1877.
Total No. issued, old paper, 1,368,000.	
“ “ “ silk “	525,476.

Description :—Size of engraving 46 x 14½mm. An horizontal oval bordered by a colorless and a fine colored line and inscribed, in three lines of colorless, block capitals upon a reticulated ground, “BROWN'S VERMIFUGE COMFITS.” The upper and lower lines are curved, the middle one is straight. At left upon a colorless tablet outlined by a fancy frame, “CURTIS & BROWN - NEW YORK - AND - BOSTON.” in four lines of small, colored, block capitals, ornamented with dashes; at right, in a similar manner but in three lines, “U. S. INTERNAL - REVENUE - ONE CENT.” Above and below the centre of these tablets, upon the heavily shaded frame which encloses them, are circular disks of solid color bearing colorless numerals of value. A fine outer line of color surrounds the whole.

This company was composed of the firms of John I. Brown & Sons, of Boston, and Jeremiah Curtis & Son, of New York, who formed a limited co-partnership for special purposes. The business was later transferred to the Curtis & Brown Manufacturing Co., who altered both this and the two cent die to suit their requirements.

2c. Black.

Die approved Aug. 12, 1871.	First issued Dec., 1871.
No. of stamps per sheet 54.	Last issued July, 1875.
Total No. issued, silk paper, 383,420.	

Description :—Size of engraving 102 x 14mm. A circular disk of color containing a colorless numeral of value and bordered by twelve wedge-shaped ornaments forming another circle and, in turn, surrounded by a band of color between two colorless lines inscribed “U. S. INTERNAL” above, and “REVENUE.” below. At each side is a rectangle with truncated corners and horizontally shaded ground bordered by a scroll ornament. That at left is inscribed “HOUSEHOLD PANACEA” in a curved line above, and “AND FAMILY LINIMENT.” below; while, between them, is a colored label of irregular shape inscribed “TWO CENTS;” at right in a similar manner, “CURTIS & BROWN” above; “PROPRIETORS, NEW YORK.” below, and “TWO CENTS” in the centre. All in colorless, Roman capitals. At the ends, outside of the frames, are oval disks of color enclosed in shaded rectangles with truncated corners bearing colorless numerals of value.

CURTIS & BROWN MFG. CO.

1c. Black.

Die approved Oct. 24, 1877.	First issued Nov. 1877.
No. of stamps per sheet 144.	Last issued April 7, 1883.



Total No. issued, pink paper, } 996,048.
 " " " wmk'd. " }

Description :— Design the same as for the one cent Curtis & Brown of which it is a successor, with inscription at left altered to "CURTIS & BROWN - MANUFACT'G. - CO. - LIMITED." in four lines.

2c. Black.

Die approved Oct. 24, 1877. First issued 1877.
 No. of stamps per sheet 54. Last issued prior to Oct. 1, 1880.
 Total No. issued, silk paper, } Unknown.
 " " " wmk'd. " }

Description :— Design the same as for the two cent Curtis & Brown excepting that the central line of the right hand inscription reads "M'F'G. CO. LIMITED." and the scroll above the left hand inscription is inscribed "BROWN'S" in colored, block capitals.

DALLEY'S PAIN EXTRACT.

1c. Black.

Die 1.

Die approved March 18, 1865. First issued May, 1865.
 No. of stamps per sheet 52. Last issued May, 1865.
 Total No. issued, old paper, 21,000.
 " " " wmk'd. "

Description :— Size of engraving 81 x 20mm. Three-quarters portrait of Mr. H. Dalley to left upon the hatched ground of an oval disk which is placed low down in the centre of a colorless ellipse of which the upper and lower curves project a trifle. Above, in an arched line of outlined and exteriorly shaded Roman capitals, "DALLEY'S MAGICAL PAIN EXTRACTOR"; below, in a curved line, at left "THE GENUINE"; at right, "HAS THIS" in colored and exteriorly shaded block capitals, under which, in a straight line, at left, is "PRIVATE" and at right "STAMP." in shaded Roman capitals. There are foliated ornaments at each side of the oval disk and these inscriptions are ornamented with colored dashes. Upon the colored spaces between the curved ends of the ellipse and the frame at top and bottom is, at left, above, "25 CTS." at left below "50 CTS."; at right, above, "& \$100"; and below "A BOX", in colorless numerals and Roman capitals. At the left end is a colorless semi-circular disk inscribed in a curved line of shaded Roman capitals "ONE CENT"; the words being separated by a large, shaded, numeral of value. To left of this, in a marginal label of solid color, is Mr. Dalley's signature in facsimile. At right, upon a similar disk except that it also in-



cludes the space which, at left, is colored, is a shaded numeral of value at left of which, in a curved line of shaded Roman capitals, is "U. S. INTERNAL"; crossing the numeral in a straight line of shaded block capitals is "REVENUE"; and at right of that, in a curved line of Roman capitals "ONE CENT." Trefoil ornaments are added at the inner corners of these semicircular disks and small foliated ones in the outer corners of the right hand one. An outer line of color completes the design.

Die 2.

First issued Aug. 24, 1865.	Last issued March 1, 1883.
Total No. issued, old paper, 797,328.	
" " " silk	" 578,101.
" " " wmk.	" 974,423.

Description:—Design exactly the same as for Die 1, excepting that the space above the right end of the elliptical tablet is inscribed " & \$1.00 "; the decimal point having been added.

The history of these dies is best given by the correspondence relative to them. The first is a letter to Butler & Carpenter from Mr. Dalley, under date of May 10, 1865, as follows :

" On a further inspection of the proof stamp sent me I notice there is no period in the \$1.00 price of the salve. Thus price { 25cts. & \$100 }
 { 50cts. A Box }

It should be \$1.00, not \$100. As it reads One hundred dollars ; please have this altered."

Butler & Carpenter replied on May 13, 1865, as follows : " Your plate is finished * * * Unfortunately the oversight referred to by you cannot be remedied on the plate as the *dot* or *period* must be *white*. To correct this the original die must be softened, the whole corner scraped out and recut and then hardened, a new roll taken and hardened therefrom, and the plate re-entered. This will take ten days or more, pressed, as we are, with business—Now what shall we do ? Print a certain amount to last you, say a month, and then correct the plate, or withhold printing until we correct the error ? "

To this Mr. Dalley replied on May 15, 1865, as follows : " Under the circumstances you had better go right on and print at least \$200.00 worth at once and then you can alter the die afterwards."

The following bill is, undoubtedly, for the stamps printed before the die was altered :

	" Philadelphia, May 31, 1865.	
" H. Dalley, Esq.	To Butler & Carpenter, Dr.	
May 30, '65.	Paper & Pt'g. 21,000 1c. stp. @ 8c.	\$1.68
	Perforating 21,000 " " " 3c.	63
		\$2.31 "



These 21,000 stamps would just fill the order given to "print at least \$200.00 worth at once." *i.e.*, \$200.00 + 5% = \$210.00, or 21,000 one cent stamps.

Die 1 is not found on silk paper but is comparatively common on the watermarked paper, which fact leads to the presumption that when the corrected plate wore out a new one was made and the *rejected roll* must have been used to transfer from. The foregoing correspondence distinctly states that the DIE *must be recut and the PLATE re-entered*; this being so, if a new roll had been made it would have been done with the *corrected die*.

It is, of course, impossible to ascertain how many of the stamps on watermarked paper were printed from the first plate as both were thought to be the same. The same thing occurs in F. Brown's two cent stamp.

We regard Die 1, on old paper, as a decidedly rare stamp.

2c. Green.

Die approved Oct. 29, 1866.	First issued April 9, 1867.
No. of stamps per sheet 40.	Last issued Aug. 9, 1882.
Total No. issued, old paper, 66,684.	
" " " silk "	43,461.
" " " wmk'd. "	21,400.

Description :—Size of engraving 63 x 34mm. A farm scene with a pair of horses in the foreground upon an oval disk, flattened at bottom. Above, upon a reticulated ground, is a colorless, curved label with rounded ends and bordered by a colored line. This is inscribed "DALLEY'S GALVANIC HORSE SALVE." in fancy, colored capitals. Below, in a straight marginal label at the bottom of the central oval, is "TWO CENTS" in colorless, block capitals upon a ground of solid color. At left, forming a frame to the central oval, is a curved label of solid color inscribed "U. S. INTER. REV." in colorless, Roman capitals; at right, in a similar manner, "50 CTS. PER BOX." There are colorless numerals of value upon circular disks with a shaded ground in the upper corners; foliated ornaments fill in the design outside of the side labels and the whole is bordered by an outer line of color.

On Feb. 1, 1869, the business passed into the hands of H. Dalley Jr.

PERRY DAVIS & SON.

1c. Blue.

Die approved June 18, 1869.	First issued Sept., 1869.
No. of stamps per sheet 210.	Last issued Feb. 10, 1883.
Total No. issued, old paper, 2,183,159.	
" " " silk "	3,989,746.
" " " pink "	} 4,862,849.
" " " wmk'd. "	
Total No. issued wmk'd. paper.	

Description :—Size of engraving 19½ x 23mm. A colorless monogram



of the letters "P D." Upon the reticulated ground of an irregular disk bordered by a heavy colorless line, which is lightly shaded with fine lines, between two fine lines of color. Above, in an arched label of solid color, "INTER. REVENUE"; over that, upon a vertically lined ground in the centre, "U. S."; below in a vertically shaded and curved label, "PERRY DAVIS & SON"; at bottom, in a straight, marginal label of color, "PROPRIETARY."; at left, in a straight, marginal label of color, "ONE"; and at right "CENT". All in colorless, Roman capitals excepting that at bottom, which is in block capitals. Colorless numerals of value in each corner, those above being upon the horizontally lined ground of irregularly shaped disks, bordered by a foliated frame, and those below upon circular disks of solid color. There is also slight interior ornamentation between the labels and the central disk and between the disks, the lower corners, and the lower labels.

2c.

Die approved June 18, 1869.	First issued Sept., 1869.
No. of stamps per sheet 210.	Last issued Aug. 26, 1882.
Total No. issued, old paper,	387,463.
" " " silk "	606,500.
" " " wmk'd. "	429,790.

Description :—Design the same as for the one cent with value altered.

In a letter to Mr. Carpenter, dated June 14, 1869, Messrs. Davis say :

- " We would suggest for the colors that the
 1c. be same color as the new 3c. Postage stamp,
 2c. " " " " of this stamp,
 4c. " " " " the new 2c. Postage stamp."

The stamp enclosed as a sample of color for the 2c. value was an exceedingly bright copy of the Great Britain 6d. 1867-69, *bright violet*. The first printing of this value was on Aug. 28, 1869, when five hundred (500) sheets were printed in purple : this equals 105,000 stamps. There is absolutely no record of any change of color to be found, so that, with the exception of this 105,000 stamps, there is no way of determining how many of the remainder issued on old paper (282,463) were printed in black or how many in purple. The probability is that the Lake, silk paper, was not adopted until after the National Bank Note Co. secured the contract.

The 2c. *Slate, on watermarked paper* was undoubtedly intended for a copy of the purple stamp ; purple being, as is well known, a color which is peculiarly liable to be influenced by atmospheric and other agencies.

4c. Brown.

Die approved June 18, 1869.	First issued Sept., 1869.
No. of stamps per sheet 210.	Last issued Feb. 15, 1883.
Total No. issued, old paper,	384,937.
" " " silk "	653,300.
" " " wmk'd. "	608,543.

Description :—Design the same as the one cent with value altered.



Although the stamps were not prepared until 1869 this firm was one of the earliest to apply for private dies, Messrs. Butler & Carpenter replying to their communication upon that subject on Aug. 19, 1862.

The business was located at Providence, R. I.

P. H. DRAKE & CO.

2c. Black.

Die approved Nov. 20, 1868.	First issued Jan., 1869.
No. of stamps per sheet 102.	Last issued June 21, 1871.
Total No. issued, old paper, 55,128.	

Description :—Design the same as the two cent Demas Barnes & Co.* of which it is the successor, excepting that the building in the centre is replaced by a bottle, which is formed in the shape of a log cabin, and the upper line of the inscription at left is altered to "P. H. DRAKE."

4c. Black.

Die approved Nov. 20, 1868.	First issued Jan., 1869.
No. of stamps per sheet 102.	Last issued March, 1875.
Total No. issued, old paper, 1,341,142.	
" " " silk " 657,152.	

Description :—Design the same as last with value altered.

B. A. FAHNESTOCK.

1c. Lake.

Die approved Nov. 12, 1862.	First issued Feb., 1863.
No. of stamps per sheet 84.	Last issued Aug., 1875.
Total No. issued, old paper, 2,522,750.	
" " " silk " 1,822,500.	

Description :—Size of engraving 63 x 15½mm. An eagle, poised for flight upon the branch of a tree, to left upon the shaded ground of a central rectangular tablet with truncated corners and bordered by a shaded, colorless frame. Above and below, projecting slightly beyond the rest of the stamp at top and bottom, are straight, marginal labels of solid color, that above inscribed "UNITED STATES"; that below, "INTER. REVENUE." At right and left of the central tablet are others, with a vertically lined ground and terminated at the outer ends by marginal labels of solid color, that at left inscribed "ONE" and that at right "CENT", in colorless, Roman capitals. The lined ground at left bears a colorless arched label above which is inscribed "B. A. FAHNESTOCK'S"; below it is an oval disk of color with a colorless numeral of value, and, at bottom, in a colorless, straight label,

*See p. 224.



"PITTSBURGH"; at right, in the same manner, "VERMIFUGE" above, and "PENNSYLVANIA." below, all in colored, Roman capitals. The whole is now surrounded by a frame consisting of a colorless line between two colored ones, outside of which is a reticulated frame and an outer colored line except where broken at top and bottom by the projecting labels.

This die was sold to Schwartz & Hazlett, and by them to J. E. Schwartz, both of Pittsburgh, Pa.

FATHER MATHEW TEMPERANCE & MANUFACTURING CO.

4c. Black.

Die approved June 11, 1878. First issued 1878.
 No. of stamps per sheet 70. Last issued prior to Oct. 1, 1880.
 Total No. issued, watermarked paper, 14,800.

Description:—Size of engraving $18\frac{1}{2}$ x 78mm. A full length figure of Father Mathew upon the hatched ground of a circular disk bordered by a colorless and a colored line. Above and below are shield-shaped disks with a ground of fine horizontal and vertical lines; these both contain a large monogram of the letters "F M R", the latter being shaded and the others colorless. Bordering these disks is a broad, colorless label, that above being inscribed "THE FATHER" at left; "MATHEW" at right, and "REMEDY." below; that below is inscribed "THE FATHER" at top; "MATHEW" at left, and "TEMPERANCE" at right; all in colored, Roman capitals. Just below the lower shield is a curved, colorless label, inscribed "& MANUFACTURING"; and, below that, in a straight label with truncated corners, "COMPANY.", both in colored, Roman capitals. At top and bottom are straight, marginal labels of solid color; that above inscribed "U. S. INT. REV."; that below "FOUR CENTS", in colorless, Roman capitals. At each side of the point of the upper shield are circular disks of color containing a colorless numeral of value and enclosed in foliated ornaments which fill in the spaces between them and the shield. Similar disks below except that they are oval and the numerals are larger.

A. H. FLANDERS.

1c. Green.

Die approved Sept. 28, 1869. First issued Nov., 1869.
 No. of stamps per sheet 210. Last issued June 2, 1883.

Total No. issued, old paper,	543,050, all part perforated.
“ “ “ silk “	1,434,897.
“ “ “ pink “	} 1,767,040.
“ “ “ wmk'd.“	

Description:—Size of engraving 23 x 19mm. A colorless, horizontal label, with truncated corners bearing the facsimile signature of "A. H. FLANDERS, M. D." This label seems to be supported upon two ornamental



circular disks, of which only the upper and lower portions appear from behind the label, on an horizontally lined tablet. Above, in a curved line, "U. S. INTERNAL REV.;" below, in a similar manner, "ONE CENT STAMP." There are colorless numerals of value between the central label and the curved ones above and below it. In a curved marginal label of solid color at top "PRIVATE STAMP OF"; at bottom, in a similar manner, "RUSH'S MEDICINES". The whole is then enclosed by a fine, colored line, outside of which are florated corner ornaments.

It is impossible to separate the partly perforated from the perforated stamps of this die.

FLEMING BROTHERS.

1c. Black (Vermifuge).

Die approved March 3, 1863.	First issued May, 1863.
No. of stamps per sheet 110.	Last issued prior to Oct. 1, 1880.
Total No. issued, old paper, 2,488,362.	
" " " silk	} 1,596,573.*
" " " wmk'd."	

Description :—Size of engraving 58 x 15½mm. Profile head of Washington to left upon a ground of very fine and closely laid horizontal and vertical lines forming a circular disk bordered by a colorless and a colored line. At left is a colorless ground bearing a large, outlined numeral of value in its centre and inscribed, in three lines of upper and lower case letters, "DR. MC LANE'S—CELEBRATED—VERMIFUGE". This colorless ground is framed above by a straight marginal label of solid color, with small, triangular ornaments at its ends, inscribed "UNITED STATES"; at left by a line of color; at right by the frame of the central disk, and at bottom by a line of color except in the centre where there is a short label similar to that above inscribed "ONE." Both of these inscriptions are in colorless, Roman capitals. At right is the same thing except that the colorless space is inscribed "FLEMING BROS.—PITTSBURG, PA.—PROPRIETORS." The upper label is inscribed "INTER. REVENUE", and the lower, "CENT." A fine outer line of color surrounds the whole except where it is broken by the marginal labels.

1c. Black, Pills.

Die approved March 3, 1863.	First issued March 1863.
No. of stamps per sheet 60.	Last issued April 13, 1863.
Total No. issued, old paper, 193,500.	

Description :—Size of engraving 102 x 17mm. The central disk and the colorless spaces to right and left of it are identical with the Vermifuge

*Of these figures 1,069,550 were issued by Mr. Carpenter, and are, therefore, all silk paper. The balance, 527,023, were issued by the National Bank Note Co., and, in all probability, by far the greater portion of them were also on the silk paper.



stamp, except that there are no marginal labels at the bottom, no numerals of value, and the last line of the inscription at left is altered to read "LIVER PILLS." Additional colorless squares, terminating in marginal labels of solid color at the outer ends, are added at each end of the stamp; both contain a large, outlined, numeral of value placed horizontally and crossed by three lines of upper and lower case script letters reading vertically. The inscription at left is "MC LANE'S - CELEBRATED - LIVER PILLS." At right "FLEMING BROS. - PITTSBURG, PA. - SOLE PROPRIETORS." The marginal labels are both inscribed "ONE CENT", in colorless, Roman capitals.

But one printing was made in this color and it was then ordered to be printed in blue.

1c. Blue, Pills.

First issued April 21, 1868.

Last issued May 26, 1883.

Total No. issued, old paper, 5,249,780.

" " " silk " 3,136,888.

" " " wmk'd. " 3,566,100.

Description:—Design identical with the black stamp, the color alone being changed.

SETH W. FOWLE & SONS.

4c. Black.

Die approved April 22, 1869.

First issued June, 1869.

No of stamps per sheet 170.

Last issued Jan. 24, 1883.

Total No. issued, old paper, 373,150.

" " " silk " 485,680.

" " " wmk'd. " 195,273.

Description:—Size of engraving 20 x 26mm. A large, fancy, and interiorly shaded numeral of value upon a circular disk with a ground of wavy lines bordered by a row of colorless squares and a band of solid color between two colorless lines. At left, just inside the central disk and closely following its outline, is "FOUR" in small, colorless, Roman capitals upon a solid ground; at right in a similar manner, "CENTS." The colored band is inscribed, commencing at bottom and reading up the left side and down the right to the starting point, "SETH W. FOWLE & SON, BOSTON. J. P. DINSMORE, NEW YORK." in colorless, block capitals.

Upon the irregular shaped vertically lined ground above and below are curved labels with slightly notched ends and light, vertical shading, that at top is inscribed "U. S. INTER. REV."; that at bottom "PROPRIETARY.", in colorless, Roman capitals. The whole is bordered by a double lined frame except where it is broken by the ends of the upper and lower labels, the central disk at sides, and the bottom, where slight ornamentation takes its place.



G. G. GREEN.

3c. Black.

Die approved May 3, 1878.
No. of stamps per sheet 120.

First issued May, 1878.
Last issued April 5, 1883.

Total No. issued, watermarked paper, 5,074,630.

Description :—Size of engraving 20½ x 33mm. Three-quarters portrait of Mr. Green to left upon an oval disk with a ground of crossed vertical and horizontal lines bordered by a band of solid color between two colorless lines : this band is inscribed "BOSCHEE'S GERMAN SYRUP" above, and "GREEN'S AUGUST FLOWER" below, in colorless, Roman capitals. At the top is a straight label of solid color with rounded ends inscribed "G. G. GREEN" in colorless, Roman capitals ; just below, upon a vertically lined ground, "SOLE MANUFACTURER OF" in a curved line of colored, block capitals ornamented with dashes of color. Below, upon a vertically and horizontally lined ground, "AND" in very small letters, and under that, in a curved line of colorless, Roman upper and lower case letters "AGUE CONQUEROR." All this is enclosed, except at bottom, by a double lined frame with an ornamental centre at top. At the bottom is colorless tablet with beveled edges which bears a colored numeral of value in each end, and, between them in two lines, "U. S. INT. REV. - THREE CENTS.;" the upper in colored, single line large and small capitals and the lower in large capitals. The whole is now bordered by short horizontal and vertical lines so arranged as make the edges of the design appear to be beveled.

REUBEN P. HALL & CO.

4c. Black.

Die approved Jan. 6, 1866.
No. of stamps per sheet 80.

First issued March, 1866.
Last issued Dec 30, 1882.

Total No. issued, old	paper,	3,282,020.
" " "	silk	1,665,904.
" " "	wmk'd.	1,254,340.

Description :—Size of engraving 76 x 17mm. Three-quarters portrait of Dr. Hall to right upon the lined ground of an oval disk bordered by a colorless line between two fine, colored ones. At right and left is an horizontal oval flattened above and below with a ground of horizontal lines. That at left is inscribed, in five curved lines of colorless, Roman capitals, "HALLS - VEGETABLE - SICILLIAN - HAIR RENEWER. - NASHUA, N. H." That at right is crossed horizontally by a colorless band, lightly shaded diagonally, bearing a facsimile signature of "REUBEN P. HALL, M. D.;" above this, upon the lined ground is "U. S. INTER. - REVENUE" in two curved lines of colorless, Roman capitals ; below are large, colorless except for light shading, Roman numerals of value which are crossed by the inscription "FOUR CENTS." in a curved line of letters similar to those above. In each corner there are colored Arabic numerals of value upon a colorless shield



which is superimposed upon a circular disk of solid color. There are shaded, triangular ornaments between the central disk and the side ovals above and below, and the whole is bordered by a double-lined frame.

HALL & RUCKEL.

1c. Green.

Die approved Sept. 6, 1865. First issued Oct., 1865.
No. of stamps per sheet 136. Last issued Feb. 5, 1883.

Total No. issued, old paper,	2,373,112.
“ “ “ silk “	1,650,028.
“ “ “ pink “	} 2,835,592.
“ “ “ wmk'd. “	

Description :—Size of engraving 20 x 26mm. An eagle poised for flight upon a shield which rests upon the top of a globe. An olive branch projects at right from under the shield and the globe is inscribed, in two curved lines of small, colored, block capitals, “HALL & RUCKEL—NEW YORK.” All this is upon the shaded ground of an upright rectangular tablet with a rounded top surrounded by a colorless and a colored line. Above, just inside the tablet in a curved line of colored, Roman capitals, is “PROPRIETARY.” There are marginal labels of solid color at top and bottom and of shaded ground at sides, that at top is inscribed “UNITED STATES”; at bottom “INTER. REVENUE”; at left “ONE”; at right “CENT”. All in colorless, Roman capitals. Circular disks of solid color bearing a colorless numeral of value are above and below between the ends of the side labels and those above and below them. A small triangular ornament is between these disks, the central tablet and the upper label, and a fine outer line of color borders the whole.

3c. Black.

Die approved Sept. 6, 1865. First issued Sept., 1865.
No. of stamps per sheet 170. Last issued Feb. 5, 1883.

Total No. issued, old paper,	735,496.
“ “ “ silk “	888,145.
“ “ “ pink “	} 1,291,590.
“ “ “ wmk'd. “	

Description :—Design the same as for the one cent with value altered.

DR. HARTER & CO.

1c. Black.

Die approved June 9, 1870. First issued June, 1870.
No. of stamps per sheet 189. Last issued June, 1873.

Total No. issued, old paper,	639,009.
“ “ “ silk “	1,182,338.

Description :—Size of engraving 15½ x 30½mm. Three-quarters portrait



of Dr. Harter to left upon the shaded ground of an oval disk bordered by a colorless and a colored line. Above, in two curved lines of colorless, Roman capitals upon a vertically lined ground, "DR. HARTER & CO. - ST. LOUIS, MO.;" below in a similar manner, "FAMILY - MEDICINES." Curved marginal labels of solid color at top and bottom; that at top is inscribed: "U. S. INTER. REV.;" that at bottom: "ONE CENT", the two words being separated by circular disk of solid color bearing a colorless numeral of value; the inscriptions are both in colorless, Roman capitals. There are slight, triangular ornaments in the corners outside the ends of the marginal labels; small foliated ornaments at sides separated in the centre by a row of five pearls. There is a double-lined frame at sides of the vertically lined spaces and an outer line of color above and below.

The firm was composed of M. G. & S. K. Harter and was succeeded in 1873 by Dr. Harter's Family Medicine Co.

DR HARTER MEDICINE CO.

1c. Black.

Die approved Nov. 11, 1873. First issued Nov.. 1873.
 No. of stamps per sheet 189. Last issued April 10, 1883.

Total No. issued, silk paper, 3,060,000.
 " " " pink " } 9,062,114.
 " " " wmk'd. " }

Description :—Design the same as for Dr. Harter & Co. excepting that the vertically lined space above is altered to read: "DR. HARTER'S - FAMILY"; and below, "MEDICINES. - ST. LOUIS, MO."

S. B. HARTMAN & CO.

4c. Black.

Die approved Aug. 25, 1868. First issued Oct., 1868.
 No. of stamps per sheet 51. Last issued prior to Oct. 1, 1880.

Total No. issued, old paper, 379,688.
 " " " silk " 355,416.
 " " " pink " } 52,376.
 " " " wmk'd. " }

Description :—Size of engraving 104 x 16mm. Three-quarters portrait to left upon the lined ground of an oval disk bordered by a colorless line between two colored ones. The portrait is placed sideways. At left is a segment of a circle, heavily lined horizontally, bearing a colorless numeral of value upon an interior, circular disk with lined ground; all this is bordered by a band of color between two colorless lines inscribed "MISHLER'S HERB BITTERS" in colorless, block capitals. At right is a similar arrangement excepting that the band is inscribed "NIL DESPERANDUM". Outside of these are oval panels bordered by heavily lined frames; that at left is inscribed



"DR. S. B. HARTMAN & CO. - SUCCESSORS - TO B. MISHLER." in three lines of colored, Roman capitals upon a colorless ground; at right, "DR. S. B. HARTMAN & CO. - PROPRIETORS, - LANCASTER - & - PITTSBURG, PA." in four lines. These ovals are impinged upon above and below by straight labels of color, those above inscribed "FOUR"; those below "CENTS" in colorless, Roman capitals. These labels force the lined borders into the oval where they end in scrolls. There are curved, marginal labels of color at the outer ends; that at left inscribed "UNITED STATES" in two lines of colorless, Roman capitals; that at right "INTERNAL - REVENUE." The remainder of the ground is lined; there are triangular ornaments between the inner ends of the colorless ovals and the inscribed bands and a line of color surrounds the whole.

This firm was succeeded by The Mishler Herb Bitters Co.

6c. Black.

Die approved Sept. 20, 1867.

First issued Jan., 1868.

No. of stamps per sheet 42.

Last issued May, 1875.

Total No. issued, old paper, 133,515.

" " " silk " 1,033.

Description :—Size of engraving 100 x 24mm. Three-quarters portrait to left upon the lined ground of a circular disk bordered by a fine line of color, which is tripled above, a colorless band sparsely lined horizontally, and a band of solid color inscribed "NIL DESPERANDUM." above and "MISHLER'S HERB BITTERS." below in colorless capitals, block above and Roman below. At left is a long, rather narrow, colorless oval inscribed in three lines of colored, Roman capitals "S. B. HARTMAN & CO. - SUCCESSORS - TO B. MISHLER." This is bordered above and below by heavily lined crescent shaped pieces which transform the whole into a broad oval. Upon these crescents is "SIX" above, and "CENTS" below in colorless, Roman capitals. The right end is identical except that the colorless oval is inscribed "PROPRIETORS OF - MISHLER'S - HERB BITTERS - LANCASTER, PA." in four lines. At the ends are straight, marginal labels of color; that at left inscribed "UNITED STATES"; that at right "INTER. REVENUE", in colorless, Roman capitals. In the corners between the central and side tablets are large, colorless numerals of value enclosed by foliated ornaments; the balance of the ground, all of which is horizontally lined, is profusely ornamented with foliated designs and the whole is bordered by an outer line of color.

E. T. HAZELTINE.

1c. Black.

Die approved Oct. 2, 1878.

First issued 1878.

No. of stamps per sheet 112.

Last issued April 14, 1883.

Total No. issued, watermarked paper, 1,002,020.

Description :—Size of engraving $50\frac{1}{2} \times 15\frac{1}{2}$ mm. A colorless central tablet, bearing a facsimile signature of "E. T. HAZELTINE" and, in colorless



scroll labels, "ONE" above and "CENT" below, in colored, Roman capitals. This is bordered by fine colored, and a heavier colorless line, the latter ornamented at the ends with an heavier colored line. Above and below are curved, marginal labels, that above inscribed "E. T. HAZELTINE,"; that below, "WARREN, PENNA." in colorless, Roman capitals upon a ground of solid color. At each end, upon an horizontally lined ground bordered by a semi-circular, marginal label of solid color, is a circular disk, with a colorless numeral of value, framed by a colorless line between two fine lines of color outside of which is a frame arranged similarly to the petals of a daisy.

The semi-circular label at left is inscribed "U. S. INTER. REV.;" that at right "PROPRIETARY STAMP." in colorless, Roman capitals.

There are small rosettes between the ends of the semi-circular labels and those of the curved labels above and below; exterior corner ornaments, and slight foliated lathework outside the ends of the upper and lower marginal labels complete the design.

2c. Blue.

Die approved Aug. 22, 1873.	First issued Sept., 1873.
No. of stamps per sheet 112.	Last issued Oct., 1876.
Total No. issued, silk paper, 115,170.	

Description :—Design the same as that of the one cent with value altered.

4c. Black.

Die approved April 15, 1870.	First issued May, 1870.
No. of stamps per sheet 112.	Last issued Feb. 12, 1883.
Total No. issued, old paper, 119,607.	
" " "	silk " 339,780.
" " "	wmk'd. " 116,480.

Description :—Design the same as the one cent with value altered.

EDWARD HEATON.

3c. Black and 3c. Brown.

Die approved	First issued Aug. 30, 1881.
No. of stamps per sheet 170.	Last issued Dec. 16, 1882.
Total No. issued, watermarked paper, 391,000.	

Description :—Size of engraving 20 x 26mm. A coat of arms surrounded by a wreath of wheat upon a colorless disk outlined above with a line of Greek ornaments. On either side of this is a colorless circular disk, also bearing a coat of arms, surrounded by a Greek border and an outer line of color. Above, in a semi-circular label whose ends rest upon the circular disks at the sides, "U. S. INTER. REV." in colored, Roman capitals. Between this and the central disk "IMPERIAL GRANUM" in a curved line of gradu-



ated block capitals, colorless upon a ground of solid color. Below, its ends cutting into the lower portion of the frames of the side disks, is a straight, colorless label with pointed ends; this is inscribed "REGISTERED JUNE 5TH, 1877." in very small, colored, block capitals. Below this is a slightly curved, colorless label with scrolled ends; this broadens out in the centre forming a straight upper label, and is inscribed "THE GREAT-MEDICINAL FOOD." in two lines of colored, block capitals. Just below is a ground of color similar to that above and inscribed "PROPRIETARY." in a curved line of small, colorless, Roman capitals. All this is superimposed upon a shield with a lined ground; upon this ground at each of the upper corners are six, colorless, five-pointed stars, and there are three more in the apex. In each of the upper corners of the stamp is a square of solid color heavily outlined by a colorless line, these contain circular disks of solid color, also heavily outlined by a colorless line, containing colorless numerals of value. There are small, colorless ornaments in each of the four corners of these squares. In the lower corners are similar squares of color, that at left containing a large, shaded, capital "E"; that at right an "H," in the same style. Between these squares, crossing the lower point of the shield, is a straight label of color inscribed "THREE CENTS" in colorless, block capitals. The remainder of the design is heavily lined vertically, and at right and left of the apex of the shield is a small, colorless, five-pointed star, with lines radiating from it to the shield. There is an heavy, outer line of color surrounding the whole.

H. T. HELMBOLD.

2c. Blue.

Die approved March 31, 1864.

First issued July, 1864.

No. of stamps per sheet 169.

Last issued Dec., 1872.

Total No. issued, old paper, 928,401.

" " " silk " 2,338.

Description:—Size of engraving 20 x 26mm. An upright rectangular tablet with truncated corners and bordered by a colorless line with fine interior shade lines of color. This has a vertically lined ground upon which are four colorless labels, all curved excepting the third, which is straight; they are inscribed "PROPRIETARY.—HELMBOLD'S—GENUINE—PREPARATIONS.", in colored, Roman capitals, and between the two upper ones is a shield of solid color containing a colorless numeral of value. There are straight, marginal labels of solid color at top and bottom; that at top is inscribed "UNITED STATES"; that at bottom, "INTER. REVENUE." in colorless, Roman capitals. In the corners above and below the ends of these labels are reticulated rosettes connected horizontally by a reticulated band. At left, upon a straight marginal label with a vertically lined ground, "TWO"; at right, in a similar manner, "CENTS", both in large, colorless and exteriorly shaded Roman capitals. A fine outer line of color surrounds the whole.



3c. Green.

Die approved May 18, 1868. First issued June, 1868.
 No. of stamps per sheet 170. Last issued June, 1875.
 Total No. issued, old paper, 88,835.
 " " " silk " 24,919.

Description:—Design the same as for the two cent stamp with the value altered.

4c. Black.

Die approved May 31, 1864. First issued May, 1864.
 No. of stamps per sheet 169. Last issued April, 1872.
 Total No. issued, old paper, 1,026,734.
 " " " silk " 10,625.

Description:—Design the same as the two cent stamp with the value altered.

6c. Black.

Die approved May 18, 1868. First issued June, 1868.
 No. of stamps per sheet 170. Last issued June, 1875.
 Total No. issued, old paper, 1,448,461.
 " " " silk " 165,909.

Description:—Design the same as the two cent stamp with the value altered.

A. L. HELMBOLD.

2c. Blue.

Die approved March 21, 1876. First issued 1876.
 No. of stamps per sheet 169. Last issued April 24, 1882.
 Total No. issued, silk paper, }
 " " " pink " } 11,986.
 " " " wmk'd. " }

Description:—Design the same as the two cent H. T. Helmbold*, of which it is the successor, excepting that the second line in the central tablet is altered to read "A. L. HELMBOLD'S."

4c. Black.

Die approved March 21, 1876. First issued 1876.
 No. of stamps per sheet 169. Last issued April 24, 1882.
 Total No. issued, silk paper, }
 " " " pink " } 164,692.
 " " " wmk'd. " }

Description:—Design the same as last with value altered.

*See p. 254.



JOHN F. HENRY.

1c. Black.

Die approved Aug. 10, 1869. First issued Oct., 1869.
 No. of stamps per sheet 66. Last issued Feb. 27, 1883.

Total No. issued, old paper,	451,000.
“ “ “ silk	“ 1,855,676.
“ “ “ pink	“ } 1,254,444.
“ “ “ wmk'd.	

Description:—Size of engraving 22 x 60½ mm. Three-quarters portrait of Mr. Henry to left upon the shaded ground of an oval bordered by a fine line of color. Curved, marginal labels of solid color at sides opposite the oval disk; that at left is inscribed “ONE”; that at right “CENT”, in colorless, Roman capitals. Above, upon a reticulated tablet, “JOHN F. HENRY” in a semi-circular line; “U. S.” in a straight line, and “MEDICINE” in a curved line. Below, in a similar manner, “WAREHOUSE—NO. 8—COLLEGE PLACE—NEW YORK.” There is a vertically lined ground above the upper tablet which bears a curved label of solid color inscribed “U. S. INTER. REV.” Below, in a similar label, “PROPRIETARY.” All of the inscriptions are in colorless, Roman capitals. On the lined ground below the ends of the upper label are oval disks of solid color containing a colorless numeral of value; there is a small ornament at each end of the side labels; the whole is bordered by a colorless line between two colored ones outside of which is a line of shaded pearls.

Mr. Henry was the successor of Demas Barnes & Co., and, on Oct. 20, 1873, Mr. Carpenter is advised that the new firm of John F. Henry, Curran & Co. have succeeded the firms of John F. Henry and A. L. Scovill & Co., and now own all the private dies heretofore belonging to the above named firms.

2c. Mauve.

Die approved Aug. 10, 1869. First issued Oct., 1869.
 No. of stamps per sheet 66. Last issued Nov., 1869.

Total No. issued, old paper, 23,000.

Description:—Design the same as for the one cent with value altered. This stamp was at first ordered to be printed in purple, and a bright color was especially requested. It not being satisfactory the color was ordered changed to Blue on Nov. 19, 1869.

2c. Blue.

First issued Dec., 1869. Last issued Feb. 27, 1883.

Total No. issued, old paper,	294,000.
“ “ “ silk	“ 990,295.
“ “ “ pink	“ } 667,091.
“ “ “ wmk'd.	

Description:—Design the same as last, the color alone being changed.



4c. Brown.

Die approved Aug. 10, 1869. First issued Oct., 1869.
 No. of stamps per sheet 66. Last issued Nov., 1869.

Total No. issued, old paper, 16,250.

Description:—Design the same as the one cent with value altered.

This value was ordered printed in brown at first and changed to red on Nov. 19, 1869, when Mr. Henry says, in a letter to Mr. Carpenter: "Please give bright colors as the last were *shocking bad*."

4c. Red.

First issued Feb., 1870. Last issued Feb. 20, 1883.

Total No. issued, old paper,	142,875.
" " " silk "	812,866.
" " " pink "	} 593,010.
" " " wmk'd. "	

Description:—Design the same as last, the color alone being altered.

HERRICK'S PLASTERS.

1c. Red.

Die approved Oct. 18, 1862. First issued Nov. 18, 1862.
 No. of stamps per sheet 187. Last issued May 17, 1883.

Total No. issued, old paper,	8,326,694.
" " " silk "	1,768,300.
" " " pink "	} 1,822,949.
" " " wmk'd. "	

Description:—Size of engraving $19\frac{1}{2} \times 25$ mm. A picture of an old chemist at work, upon the shaded ground of an upright rectangular tablet with a rounded top; this is bordered by a colored and a colorless line outside of which is a horseshoe shaped, colorless label between two colorless lines shaded by heavy lines of color at a little distance from each other. This label is inscribed "HERRICK'S PILLS & PLASTERS & HARVELL'S COND^d. POWDERS." in colored, block capitals. At bottom, in a straight, colorless marginal label, "U. S. INT. REVENUE." in colored, Roman capitals, and, above that, just inside the frame of the central tablet, "ONE CENT" in colorless, block capitals upon a straight label of solid color. In each of the upper corners is a square of solid color containing a colorless numeral of value and below and at the inner side of them, is a small triangular ornament. The whole is surrounded by a fine outer line of color.

On Oct. 15, 1862 Butler & Carpenter write to Dr. Herrick: "We will do all we can—no more. Your stamp will be the first private proprietary die printed: and, in this respect, you will enjoy an advantage over your equally afflicted brethren in trade."



On Nov. 6, 1862, they write: "We have seized the first opportunity to get your stamps out and you are far ahead of all other private proprietary stamps."

HERRICK'S PILLS.

1c. Black.

Die approved May 28, 1870.	First issued Feb., 1871.
No. of stamps per sheet 30.	Last issued Feb. 28, 1883.
Total No. issued, old paper, 286,410.	
" " " silk "	2,175,507.
" " " pink "	} 1,554,490.
" " " wmk'd. "	

Description:—Size of engraving $26\frac{1}{2} \times 102$ mm. Three-quarters portrait of Dr. Herrick to right upon a ground of crossed vertical and horizontal lines forming an oval disk bordered by a colorless line between two fine, colored ones. Above, in a curved label of solid color closely following the outline of the central oval, "U. S. INTER. REV."; below, in a similar manner, "ONE CENT", both in colorless, Roman capitals. Above, upon a colorless ground bordered by heavy, foliated ornaments, except at bottom, "DR. HERRICK'S" in a slightly curved line of colored and exteriorly shaded block capitals. Below, in a somewhat similar manner, "SUGAR COATED" in colored upper and lower case Roman letters, and "PILLS." below it in large, colored and exteriorly shaded Roman capitals. At the top and bottom of the stamp, entirely distinct from the rest of it, are square, colorless blocks framed by heavy scroll work and containing a large, shaded numeral of value, crossed by three curved lines of inscription reading "DOSE FROM - 2 TO 6 - PRICE 25 CENTS." in Roman capitals, all of solid color except the first line, which is shaded. With the stamp in its proper position the inscription in this top section is upside down, as is the numeral. All of the inscriptions are ornamented with colored dashes, and a fine outer line of color surrounds the whole.

Both of these dies finally became the property of L. W. Warner & Co. of Albany, N. Y.

J. E. HETHERINGTON.

1c. Black.

Die approved	First issued Dec. 15, 1880.
No. of stamps per sheet 98.	Last issued June 21, 1882.
Total No. issued, watermarked paper, 548,100.	

Description:—Size of engraving 36×11 mm. A central panel with



square corners and slightly in-curved sides bordered by a lathework frame between colorless and colored lines and inscribed in three curved lines of colorless capitals ' U. S. INT. REV. - ONE CENT - PROPRIETARY.'; the lower line being upon a label of solid color at the bottom. There are circular disks of color bearing colorless numerals of value in each corner, and a small, colorless dot just outside of each. At the left is a colorless circular disk bordered by a lathework frame between colorless and colored lines. This contains a spray bearing two elliptical fruit and one leaf, all outlined by short, horizontal lines of color; the fruit at left is inscribed "TROPIC"; at right "FRUIT"; and across the leaf "LAXATIVE", in small, colored, block capitals, while above the leaf and between the fruit is "TRADE MARK - REGISTERED." in two lines of very small, colored, block type. At right is a similar disk, its centre crossed horizontally by a straight label of color inscribed "36 PARK PLACE" in colorless capitals. There is a small, ornamental dash above and below this label. In a curved line just inside the disk is "J. E. HETHERINGTON" at top and "NEW YORK" below, in colored, block capitals. The whole is then surrounded with a rectangular frame line with fancy corner pieces, and there is light ornamentation above and below the central panel.

2c. Black.

Die approved March, 1879.
No. of stamps per sheet 98.

First issued 1879.
Last issued 1879.

Total No. issued, watermarked paper, 55,000.

Description:—Size of engraving 50 x 17mm. Design the same as for the one cent value excepting that the value is altered and the stamp is larger.

3c. Black.

Die approved Feb., 1880.
No. of stamps per sheet 98.

First issued 1880.
Last issued June 14, 1881.

Total No. issued, watermarked paper, 183,212.

Description:—Size of engraving 50 x 17mm. Design the same as last excepting that it is larger and the value is altered.

This stamp is known imperforate in pairs.

HISCOX & CO.

2c. Black.

Die approved Feb., 1880.
No. of stamps per sheet 70.

First issued 1880.
Last issued May 17, 1883.

Total No. issued, watermarked paper, 662,990.

Description:—Size of engraving 18 x 74mm. The letters "P F M" in large, colorless capitals, the "P" above the "F M", upon the lined



this is upon an horizontally lined ground; there are slight ornaments outside of the upper and lower disks, and at each end is a straight label of color; that at left is inscribed "UNITED STATES"; that at right "INTER. REVENUE", in colorless, Roman capitals, and, outside of these end labels, is a narrow, reticulated ground. The whole is bordered by a fine outer line of color.

The imperforate stamps were issued in the months of April, 1864, Jan. and Feb., 1865.

The proprietors of this stamp were Thos. Holloway, of London, Eng., but it was registered in the name of their New York agent, Jos. Haydock, and later, David Pringle.

HOLMAN'S LIVER PAD.

1c. Green.

Die approved July 12, 1879.

First issued 1879.

No. of stamps per sheet 210.

Last issued April 20, 1882.

Total No. issued, watermarked paper, 208,280.

Description:—Size of engraving $18\frac{1}{2} \times 22\frac{1}{2}$ mm. A man wearing a pad inscribed "HOLMAN'S - AGUE LIVER - PAD" in three lines of small, colored, block capitals, and below it on a colorless label, "TRADE MARK". Above on the shaded ground of a curved label, "U. S. INTERNAL REV." in colored, block capitals; below, upon a label of solid color, "HOLMAN - LIVER PAD CO." in two lines of colorless, Roman capitals, and at bottom in a straight, marginal label "ONE CENT," in colorless, Roman capitals upon a ground of crossed vertical and horizontal lines. There are ornamental columns at sides surmounted by a circular disk bearing a colorless numeral of value upon a shaded ground. Lined ground with slight ornamentation completes the design which is bordered by fine lines so arranged as to give a beveled appearance to the edges.

4c. Green.

Die approved July, 1879.

First issued 1879.

No. of stamps per sheet 210.

Last issued April 4, 1882.

Total No. issued, watermarked paper, 216,438.

Description:—Design the same as for the one cent with the value altered.

HOME BITTERS CO.

2c. Blue.

Die approved Nov., 1879.

First issued 1879.

No. of stamps per sheet 36.

Last issued March 17, 1881.

Total No. issued, watermarked paper, 215,482.

Description:—Design the same as that of J. A. Jackson & Co., with the value altered and the second line of the inscription in the left panel altered to "THE HOME BITTERS CO."

*See pp. 269-270.



3c. Green.

Die approved Oct. 14, 1876.	First issued 1876.
No. of stamps per sheet 36.	Last issued Feb. 12, 1883.
Total No. issued, silk paper,	} 482,180.
“ “ “ pink “	
“ “ “ wmk'd. “	

Description :—Design the same as the two cent with the value altered.

4c. Green.

Die approved June 14, 1875.	First issued June, 1875.
No. of stamps per sheet 34.	Last issued March 3, 1883.
Total No. issued, silk paper,	271,514.
“ “ “ wmk'd. “	213,617.

Description :—Design the same as last with the value altered.

HOP BITTERS CO.**4c. Black.**

Die approved April, 1879.	First issued 1879.
No. of stamps per sheet 152.	Last issued Feb. 2, 1883.
Total No. issued, watermarked paper,	2,765,400.

Description :—Size of engraving 44 x 13mm. An horizontal rectangle bordered, excepting at the corners, by a frame of three colored lines separated by colorless ones; circular disks of solid color bearing colorless numerals of value in the corners. In the centre, above, is “U. S.” in large, shaded, fancy capitals; this is crossed by “INTER. REVENUE” in a curved line of colored, Roman capitals and below it, in a straight line, is “HOP BITTERS MFG. CO.” in colored, block capitals outlined by a colored line. Below that, in a straight line of colored, Roman capitals, is “ROCHESTER, N. Y.” And, in a slanting line at left “FOUR”, at right “CENTS”, also in colored, Roman capitals.

HOSTETTER & SMITH.**4c. Black.**

Die approved Oct. 1, 1862.	First issued Jan. 23, 1863.
No. of stamps per sheet 46.	Last issued Feb. 26, 1883.
Total No. issued, old paper,	4,775,059.
“ “ “ silk “	5,784,701.
“ “ “ pink “	} 7,110,365.
“ “ “ wmk'd. “	

Description :—Size of engraving 141 x 14mm. Three-quarters portrait to right, placed sideways in an oval with a ground of crossed vertical and horizontal lines bordered by a colorless line, outside of which, at each side,



is an ornamental lathework frame. There is a rectangular ground of horizontal lines at right and left; that at left is inscribed, in five lines, all of which are curved but the lower one, "UNITED-INTERNAL-HOSTETTER & SMITH - PROPRIETORS. - PITTSBURGH.", the two upper lines being colorless, Roman capitals and the balance block capitals. At right, in a similar manner: "STATES - REVENUE - HOSTETTER'S CELEBRATED - STOMACH BITTERS. - PENNSYLVANIA." At either end, upon a lined ground bordered at right and left by straight labels of solid color, is an oval disk bearing a large colorless numeral of value upon a reticulated ground. The two labels are inscribed "FOUR" in the outer, and "CENTS" in the inner one, both in colorless, Roman capitals. A fine outer line of color surrounds the whole.

6c. Black.

Die approved July 21, 1864.

First issued Sept., 1864.

No. of stamps per sheet 44.

Last issued July, 1868.

Total No. issued, old paper, 2,500,618.

Description :—Design the same as the four cent with the value altered.

This stamp was never issued on silk paper and all specimens showing the silk fibre in the paper must be referred to the experimental paper of the first issue.

No four cent stamps were issued while this value was in use.

S. D. HOWE (DUPONCO'S PILLS).

4c. Black.

Die approved Aug. 8, 1866.

First issued Feb., 1870.

No. of stamps per sheet 105.

Last issued Mch. 25, 1873.

Total No. issued, old paper, 53,727.

" " " silk " 80,415.

Description :—Size of engraving $49\frac{1}{2} \times 17\frac{1}{2}$ mm. A female head upon the shaded ground of an upright, rectangular tablet with a curved top and bordered by a colored and a colorless line. Three curved labels above; that at left inscribed: "DUPONCO'S"; that at right "GOLDEN", and that in the centre, its ends being below the labels at right and left: "PERIODICAL PILLS."; all in colorless, Roman capitals upon a lined ground. There are flower like ornaments at each end of the central label and at the inner ends of those at right and left. At each side of the central tablet is a colorless tablet with truncated corners and concaved at each of its four sides. That at left is inscribed, in three curved lines of colored, Roman capitals, "S. D. HOWE - PROPRIETOR, - NEW YORK." The two words of the last line are separated by a colored oval containing a colorless numeral of value. At right, in exactly the same manner: "U. S. INTER. - REVENUE, - FOUR CENTS." There are slight ornaments in the upper corners of these side tablets, and the spaces at sides and below them are vertically lined. A colored line surrounds the whole.



This die was sold to Kidder, Wetherill & Co., of New York, in 1873, and they had it altered by inserting the name of J. McCullough as proprietor.

4c. Green and 4c. Red.

These stamps are even worse than what is today known as a speculative issue. They were never regularly issued in these colors, and the best that can truthfully be said of them is that they are finished proofs in trial colors.

Their history, which is not uninteresting, is about as follows :

They were first made known to the collector by the following advertisement, which appeared in the fourth edition of Sterling's Catalogue of Revenue Stamps :

" S. D. HOWE,

MEDICINE STAMPS

—IX—

RED and GREEN.

Issued in 1876, on Silk Thread Fibre Paper. All
with Original Gum.

PRICE, PER SET—\$5.00, NET CASH,
or, \$3.00 each, single.

There were printed of the above stamps 105 each color or 210 stamps in one sheet*, as the affidavit of the proprietor, Mr. Charles Cristadoro, will show, under date of October 4th, 1876, now in my possession.

These stamps are very fine and quite rare, and the remainder of the stock was purchased by me of Dr. J. A. Petrie, November 24th, 1885, and, as the supply is of a limited number, would advise Collectors to secure these beautiful stamps at once.

Respectfully,

E. B. STERLING.

Trenton, N. J., April 15th, 1886."

Mr. Sterling wrote to Mr. Deats, under date of Trenton, N. J., Dec. 8, 1897, as follows regarding these stamps.

" * * * I have not saved out any of the correspondence from Dr. Petrie in regard to the red and green S. D. Howe stamps. I think you have the certificate, as I cannot find it.

" * * * I looked up the date, which I find to be November 24th, 1885. I bought of J. A. Petrie 84 red stamps and 83 green stamps, S. D. Howe, for which I paid him \$100 in cash.

" * * * The National or Continental Bank Note Co. must have engraved them, and, I think, the margins show the imprint. I sold * * * Nov. 9,

*This is an error, as a sheet contained but 105 stamps. What was probably intended was one sheet of each color, or 210 stamps in all.



1887, twelve stamps, six of each kind, for \$12.00 net. * * * I sold you one set for \$2.50, and it would take me some time to hunt up the others. I offered them at \$5.00 a set, but could not get it, and was disgusted with the balance and so closed them out at a price that did not pay for the outlay. I will try to think of the facts and write you later."

A few days later Mr. Deats received the following statement :

"In the year 1876 there were brought to me two boxes of Duponco's pills, one had on a red and one a green S. D. Howe stamp. I was asked to make an offer for this pair of rarities, unknown at that time. I offered \$1.00 or \$2.00 each; was asked \$10.00. I bought them, but do not remember at what price. The next few days I spent going through all the drug stores of Jersey City looking for them, but found only black.

"Within a short time another 2 boxes of pills with same 2 stamps on was brought me, and I afterwards found out these 4 stamps were all that were ever used, i. e., put on the boxes, and that was done to sell them. I secured this 2nd. pair and then began to question the party that brought them, how many more were to be had, where they came from, and all about them. First I bargained for the lot, and I finally made an offer of \$100 for all there were of them, as I was told that just one sheet, 105 stamps, had been printed in each color. And they were secured in this way. The original proprietor of Duponco's Pills sold the formula and business out. He used a *black* S. D. Howe stamp. The business was sold to Wm. J. Kidder & Co. (I believe the proprietor of Laird's Bloom of Youth.) The manager, or superintendent, for K. & Co. was Mr. Cristadoro, Sr., and he had a son, very quick and smart and an enthusiastic stamp collector, Rev., Proprietary, &c. This son's name was Charles Cristadoro.

"When K. & Co. bought the Duponco Pills young Cristadoro, knowing what he was about, for he had heard his father and Kidder talking it over, that they would now change the S. D. Howe stamps to J. McCullough, suggested to his father that, before they had the Howe plate changed, they should ask the printers and holders of the plate (Butler & Carpenter, I believe) to print them off a sheet in red and one in green, that they might decide what color to have the new McCullough stamps in. The father thought it a good idea, and easily fell into the trap set by the son to get these odd colored stamps, which he knew would be valuable, and so these two sheets were ordered and secured. When received and all three colors placed side by side both Kidder and Cristadoro decided the black, which was the color originally used, looked the best; so they decided to stick to black, and ordered the plate, S. D. Howe, changed to J. McCullough, and ordered the stamps from that changed plate in black. Young Charles Cristadoro was allowed to have the two sheets, red and green, by paying face value for them, and then he began to try and sell them. He first went to * * * who offered \$25 for the lot. * * * offered \$50.00, and various other dealers made various offers. I offered the highest, \$100, and so got the lot. All this I found out after I had possession of them, and had bought and paid for the lot.

Charles Cristadoro himself told me all this and gave me the full history, and he very proudly invested the \$100 in a fine solitaire diamond stud which he wore some years. Every time I was down in John St., in his neighborhood, I would call and see him, and each time he would point to his stud and tell me: 'that represented the red and green Howe stamps he had sold me.'

"I sold 43 in all* and closed out the balance to E. B. Sterling, Nov. 24, 1885, for \$100, giving him 84 green & 83 red. I have found the date of my

*At prices ranging from two to ten dollars per set of two.



purchase, names, &c., by finding the check I gave in payment, which is as follows:

Date of check Oct. 5, 1876, made payable to Charles Cristadoro and endorsed Charles Cristadoro, deposited to credit of Wm. J. Kidder & Co. I think young Cristadoro was about 15 to 18 years of age at this time, possibly a little older.

(Signed) J. A. PETRIE,
Phillipsburg, N. J.

Rec'd. 12/97. E. B. STERLING."

All this would answer very well was it not for the fact that the date given, 1876, does not correspond at all with *the date of the transfer of the die from Mr. Howe to Kidder, Wetherill & Co.* (not Wm. J. Kidder & Co., although the latter may have been the firm name in 1876), WHICH WAS IN JUNE, 1873.

Furthermore, the following letter from Mr. Howe to Mr. Carpenter shows conclusively that it was *expressly agreed* that no stamps from the old plate should be used by the new owners. The letter, dated June 20, 1873, is as follows:

"Your favor came to hand this A. M. saying that Kidder, Wetherill & Co. sent you for the old issue of Duponco's Golden Pill stamps.

"My agreement with them was that my name is not to be used at all in the Duponco Golden Pill stamps. They were to have the name of Mr. McCullough, Proprietor, instead of my name. You will, therefore, allow them to have any name on the stamp as Proprietor they choose, but let no stamps go with my name on to any one without my order, which will be only for Arabian Milk Cure stamps for my own use. I have disposed of the Duponco's Pills altogether without the use of my name.

"I will write Kidder, Wetherill & Co. they cannot get any of the old issue, but must have the die changed before they can get any stamps of you. You wrote me that the old issue were destroyed, which is right."

Mr. Carpenter acknowledged the receipt of the above and stated that "the stamps will not be issued for use."

Under these conditions it is hardly likely that Mr. Carpenter printed the sheets in red and green, though it may have been done and the stamps regarded merely as proofs. The probability is, however, that the stamps were printed, as stated by Dr. Petrie, in 1876, and that the work was done by the National Bank Note Co., who, in all probability, were ignorant of Mr. Howe's instructions to Mr. Carpenter.

Allowing this to have been done, the stamps cannot be called anything but reprints, as the plate had been obsolete for three years, and they are, therefore, not worthy of a place in the catalogue.

S. D. HOWE (ARABIAN MILK CURE).

4c. Blue.

Die approved Sept. 27, 1871.
No. of stamps per sheet 102.

First issued Oct., 1871.
Last issued Sept. 4, 1882.



Total No. issued, silk paper, 238,962.
 " " " wmk'd. " 11,660.

Description:—Size of engraving 62½ x 15½mm. A central circular tablet bordered by a colorless line and inscribed in two horizontal lines across the centre "S. D. HOWE - NEW YORK.", upon a vertically lined ground; above, in a curved line just inside the frame, "U. S. INTER."; below, in a similar manner, "REVENUE." upon a solid ground of color. There are shaded, scroll ornaments between the central and the upper and lower inscriptions, and all are in colorless, Roman capitals. At left is an horizontally shaded ground, divided into three irregular sections by two shaded columns. These sections are framed above and below by an inner band of vertical shading and an outer frame of a colorless line between two fine colored lines, the latter being continued around the rounded outer end of the stamp. Its ends curled around the uprights in a scroll and occupying most of the space to left of the central disk, is a colorless ribbon with shaded ends and edges, inscribed, in two lines of colored, Roman capitals, "ARABIAN MILK CURE - FOR CONSUMPTION.", while upon the shaded ground above is "FOUR", and below, "CENTS", in colorless, Roman capitals. The right end is identical with the left excepting that the ribbon is inscribed "ARABIAN TONIC - BLOOD PURIFIER." There are exterior corner ornaments containing a colorless numeral of value upon a ground of solid color.

C. E. HULL & CO.

1c. Black.

Die approved March 8, 1870. First issued April, 1870.
 No. of stamps per sheet 210. Last issued Dec. 4, 1882.

Total No. issued, old paper,	\$19,400.
" " " silk "	445,810.
" " " pink "	} 491,093.
" " " wmk'd. "	

Description:—Size of engraving 19 x 23mm. Three-quarters portrait of Mr. Hull to right in an oval disk bordered by a colored line at sides and a row of colorless blocks at top and bottom. Above, in a curved label of solid color closely following the outline of the central disk, "C. E. HULL & CO."; below, in a similar manner, "NEW YORK, N. Y." At left, also in a slightly curved label of color, "U. S. INTER. REV."; at right "PROPRIETARY." Irregular disks with vertically lined ground are in the lower corners; that at left inscribed "ONE"; at right "CENT". All the inscriptions are in colorless, Roman capitals. Vertically lined disks enclosed by foliated ornaments are in the upper corners, each containing a colorless numeral of value, and, with the exception of these upper corner pieces, the whole is bordered by a fine outer line of color.



T. J. HUSBAND.

2c. Violet.

Die approved March 14, 1863.

First issued April, 1863.

No. of stamps per sheet 90.

Last issued April, 1863.

Total No. issued, old paper, 26,305.

Description :—Size of engraving 63 x 19mm. A central square of color bordered at ends by a colorless line and containing an inner tablet with truncated corners and shaded, colorless frame inscribed, in five lines of colorless, Roman capitals, upon an horizontally shaded ground, "U. STATES INTER. - REVENUE. - T. J. HUSBAND - PHILA. - PROPRIETARY." The upper and lower lines are curved; the others straight. Colorless numerals of value are on the solid ground of the truncated corners. At left is a reticulated ground crossed vertically by a label of solid color outlined by a colorless line, inscribed "TWO CENTS". At left of this and separated from it by a line of color between two colorless lines, is a rectangular tablet inscribed "T. J. HUSBAND - PHILA. - PENNSYLVANIA" in three vertical lines, the inner curved, upon a vertically lined ground. The right end is identical with the left excepting that the end tablet is inscribed "HUSBAND'S - CALCINED - MAGNESIA". All these inscriptions are in colorless, Roman capitals, and the whole is bordered by an outer line of color.

But one printing was ever made in this color, when it was decided that it was not bright enough and faded too quickly, so the color was changed to vermilion. This left a balance of violet stamps, to the number of 162,245, in the printers' hands. This balance was carried on the books as "obsolete" for several years, and was finally destroyed.

2c. Vermilion.

First issued Oct. 1863.

Last issued Feb. 2, 1883.

Total No. issued, old paper, 420,495.

" " " silk " 991,250.

" " " wmk'd. " 924,143.

Description :—Design the same as for the violet stamp, only the color being altered.

None of these stamps were issued from June, 1864 to Jan. 11, 1870.

HUTCHINS & HILLYER.

4c. Green.

Die approved July 6, 1864.

First issued Sept. 6, 1864.

No. of stamps per sheet 95.

Last issued May, 1876.

Total No. issued, old paper, 177,585.

" " " silk " 54,843.

Description :—Size of engraving 58 x 17mm. A female head to left



upon a circular disk of horizontal lines bordered by a colorless line. Above, in slightly curved labels of solid color with rounded ends, "DR. CHEESEMAN'S" at left; "FEMALE" in the centre, and "REGULATING PILLS", at right in colorless, block capitals. At left of disk is a diagonal, slightly curved, colorless label inscribed "FOUR" in colored, Roman capitals; at right, in a similar manner "CENTS." At right and left of these labels are colorless, oval disks, outlined by a colorless line between two colored ones; that at left is inscribed in three lines of colored Roman capitals, the upper and lower being curved and there being a colored dash between them and the centre line, "HUTCHINS & HILLYER - PROPRIETORS. - NEW YORK." That at right is inscribed in a similar manner, "UNITED STATES - INTERNAL - REVENUE." There are colored oval disks bearing a colorless numeral of value, at bottom between the diagonal labels and these end disks; a lathework ornament in the lower corners, and the rest of the design is composed of horizontally lined ground bordered by an heavy outer line of color.

This die was transferred to E. L. Borneisler & Co. in Feb., 1874 and from them to Cannon & Co., the latter having the die altered to suit their requirements.

H. A. INGHAM & CO.

1c. Black.

Die approved Dec. 2, 1878.

First issued 1879.

No. of stamps per sheet 210.

Last issued March 12, 1888.

Total No. issued, watermarked paper, 114,450.

Description :—Size of engraving $17\frac{1}{2} \times 23$ mm. A large, fancy monogram imposed of the letters "H A I", the "H" and "A" being shaded and the "I" colorless, upon the vertically lined ground of an octagonal tablet surrounded by a frame of colored and colorless lines so arranged as to make the ground appear sunken. Above, in a curved, colored label outlined by colorless lines, "U. S. INTER. REV."; below, in a similar manner, "H. A. INGHAM & CO.", both in colorless, Roman capitals. At left, in a straight, marginal label of color, "ONE"; at right "CENT." Circular disks with a vertically lined ground in the upper corners and ovals of solid color in the lower ones, contain colorless numerals of value. At the bottom, in a straight marginal label of solid color between the corner disks, is "PROPRIETARY." in colorless, block capitals. Slight foliated ornaments upon a solid ground of color, and lathework above the upper label complete the design, and there is a small, shaded pearl at each corner.

J. A. JACKSON & CO.

4c. Green.

Die approved Oct. 24, 1870.

First issued Oct., 1870.

No. stamps per sheet 86.

Last issued April, 1875.

Total No. issued, old paper, 206,532.

" " " silk " 521,025.

Description :—Size of engraving $142\frac{1}{2} \times 18\frac{1}{2}$ mm. A pictorial repre-



sensation of the mythological legend of the rescue of Andromeda by Perseus upon the shaded ground of a central tablet bordered by a double lined frame above and below and a heavy, scroll, and foliated one at sides. To the left is an horizontally lined panel with a large, shaded monogram of the letters "U. S." in the upper left corner and inscribed in four curved lines of colorless, Roman capitals "UNITED STATES - JAMES A. JACKSON & CO. - PROPRIETORS, - SAINT LOUIS," at right in a similar panel, "INTERNAL REVENUE - THE CELEBRATED HOME - STOMACH BITTERS. - MISSOURI." At either end is an horizontally lined ground bordered above and below by curved labels of color ending in a large scroll at the outer end; the label above is inscribed "FOUR"; that below "CENTS", in colorless, Roman capitals. The lined ground contains a colorless, octagonal disk bearing, in its turn, an inner disk with a lined ground upon which is a large, colorless, numeral of value.

The firm of J. A. Jackson & Co. was succeeded by Jackson, Pfouts & Douglas, and they, in turn, by The Home Bitters Co. in April, 1875.

DR. D. JAYNE & SON.

1c. Blue.

Die approved Dec. 27, 1862.	First issued Jan., 1863.
No of stamps per sheet 60.	Last issued Feb. 19, 1883.
Total No. issued, old	paper, 7,447,200.
" " " "	" 73,500, perforated.
" " " silk	" 5,712,637.
" " " pink	" } 5,102,441.
" " " wmk'd.	" }

Description:—Size of engraving 77 x 22mm. A picture of the Jayne Building, in Philadelphia, upon an oval disk bordered by a broad band, vertically shaded, between colorless and colored lines. This band is inscribed "U. S. INTERNAL REVENUE PROPRIETARY" in colorless Roman capitals; and, at bottom, it bears a label of solid color inscribed "ONE CENT" in colorless block capitals. At left is a long, colorless label, tapering from right to left and outlined above and below by three fine lines of color and an outer colorless line. This is inscribed, in a straight line of colored and outlined block capitals "D^r D. JAYNE & SON"; at right in a similar manner, "PHILADELPHIA". At each end is a colored circular disk, outlined by colorless and colored lines, containing a colorless numeral of value. Above and below the colorless labels is foliated ornamentation upon a vertically lined ground, which also tapers toward the outer ends, and encloses, at each side of the central disk above and below, irregular disks of solid color. That above, on the left, is inscribed "ONE"; on the right "CENT", in colorless, block capitals. Those below contain colorless, Roman numerals of value. The completed design is in the shape of a diamond.

This value is known upon paper ruled with red and blue lines, those in blue running horizontally, while the red ones are vertical.

This ruling is plainly visible both upon the face and back of the stamp.



2c. Black.

Die approved Dec. 27, 1862.	First issued Jan., 1863.
No. of stamps per sheet 60.	Last issued March 6, 1863.
Total No. issued, old paper,	2,672,420.
“ “ “ “ “	13,750, perforated.
“ “ “ silk “	2,189,378.
“ “ “ pink “	} 2,228,903.
“ “ “ wmk'd. “	

Description :—Design the same as for the one cent with value altered. The perforated stamps were issued in Aug., 1863.

4c. Green.

Die approved Dec. 27, 1862.	First issued Jan., 1863.
No. of stamps per sheet 60.	Last issued Feb. 7, 1863.
Total No. issued, old paper,	4,710,480.
“ “ “ “ “	36,000, perforated.
“ “ “ silk “	3,421,013.
“ “ “ pink “	} 2,728,230.
“ “ “ wmk'd. “	

Description :—Design the same as for the one cent with value altered. The perforated stamps of this and the one cent, were all issued in June, 1863. They were perforated in the shape of an horizontal rectangle and were afterwards cut out to the shape of the stamp by a steel die, so that the perforations only show at the centre of the top, bottom, and at the ends, or in only one or more of those places.

All values were thus die cut and are found both cut and uncut.

This stamp has been chronicled in yellow. Diligent search has failed to be productive of any evidence that it was ever issued in any color but green and the so-called “yellow” is, without doubt, simply a changeling.

JOHNSTON, HOLLOWAY & CO.

1c. Black.

Die approved June 27, 1874.	First issued, July, 1874.
No. of stamps per sheet 135.	Last issued April 18, 1883.
Total No. issued, silk paper,	496,070.
“ “ “ wmk'd. “	649,668.

Description :—Size of engraving 17 x 37½mm. A picture of an Alchemist upon a circular disk bordered by a colorless line. Above, in a curved label of solid color closely following the outline of the central disk, “JOHNSTON, HOLLOWAY & CO.” in colorless, Roman capitals. Below, in a similar manner, “PHILADELPHIA.” Above, in a colorless label whose curve is opposite to that just below it, “INTERNAL REVENUE” in colored Roman capitals, below in a similar manner, “PROPRIETARY MEDICINES.” in colored block



capitals. In a straight label of solid color above "UNITED STATES"; below, "ONE CENT"; both in colorless, Roman capitals. Above and below, between the ends of the curved labels, are circular colorless disks containing a colored numeral of value. Lathework ornamentation upon a colorless tablet between curved and straight labels and at the top and bottom of the stamp. The whole is bordered by an outer line of color.

2c. Green.

Die approved June 6, 1874.	First issued July, 1874.
No. of stamps per sheet 135.	Last issued April 18, 1883.
Total No. issued, silk paper, 480,654.	
" " " wmk'd. " 547,227.	

Description:—Design the same as for the one cent with the value altered.

L. S. JOHNSON & CO.

1c. Vermilion.

Die approved Feb. 9, 1872.	First issued Feb., 1872.
No. of stamps per sheet 210.	Last issued March 7, 1883.
Total No. issued silk paper, 2,612,750.	
" " " pink " } 2,696,305.	
" " " wmk'd. " }	

Description:—Size of engraving 19 x 22½mm. A large, fancy and colorless numeral of value, with slight interior shading, upon the reticulated ground of a circular disk surrounded by a band of solid color inscribed "L. S. JOHNSON & CO." above, and "BANGOR, MAINE, U. S. A." below, in colorless, Roman capitals. There is slight, colored ornamentation at sides and colorless ground above and below, the whole being bordered by a double lined outer frame of irregular shape. Above, in two curved lines of colored, Roman capitals upon the colorless ground is, "U. S. INTERNAL - REVENUE"; below, in a similar manner, "ONE CENT - PROPRIETARY."

J. B. KELLY & CO.

4c. Black.

Die approved Jan. 10, 1864.	First issued March, 1864.
No. of stamps per sheet 48.	Last issued Dec. 3, 1870.
Total No. issued, old paper, 445,125.	

Description:—Size of engraving 21 x 95mm. Three-quarters portrait to right upon the lined ground, vertically and horizontally, of an oval disk bordered by an heavy colorless line between two fine, colored ones. Above, upon a label of color closely following the outline of the central disk,



"KELLY'S OLD"; below, in a similar manner, "CABIN BITTERS", in colorless, Roman capitals. Above and below is an upright rectangle with truncated corners, this is heavily lined vertically and bears a colorless tablet and a large, shaded shield, those above are placed upside down, both tablets are inscribed "INTER. REVENUE." in a curved line of colored, Roman capitals with a large, colored "U" in the upper left corner and an "s" in the right. The shield at top is inscribed "GARNHART & KELLY, - ST. LOUIS.", in two curved lines across the first field, that below, "J. B. KELLY & CO. - NEW YORK." In the apex of both shields is an oval disk of color containing a colorless numeral of value and, just below upon the union, is a curved label of color with rounded ends inscribed "FOUR CENTS" in colorless, Roman capitals. A fine outer line of color surrounds the whole.

This stamp, although it has been listed on silk paper, was never so printed, and all specimens showing silk fibre in the paper are referable to the experimental silk paper of the first issue. It comes in two decided shades; a dead black and what is almost a blackish green. All of the specimens with silk fibre are in the former shade.

B. J. KENDALL & CO.

4c. Blue.

Die approved.	First issued Sept. 17, 1881.
No. of stamps per sheet 170.	Last issued Feb. 15, 1883.
Total No. issued, watermarked paper, 374,000.	

Description :—Size of engraving 19 x 25½mm. An upright rectangle with a ground of vertical lines arranged in sets of two. In the centre is a large colorless, numeral of value, its oblique stroke inscribed "KENDALL'S"; the upright "SPAVIN", and the cross stroke "CUBE". All in colored, block capitals but the last, which is in Roman capitals. Above, at left, is an outlined capital "U"; an "s" at right and, upon a colorless ribbon twined around these initials and its ends terminating in shaded scrolls, is "INTER. REV." in colored, Roman capitals. Just below, to left of the numerals, is a colorless panel inscribed "FOUR"; in a similar manner to right, "CENTS", in fancy, colored capitals. Below is a curved, colorless label, wider at the ends than in the centre, inscribed "B. J. KENDALL & CO." in fancy, colored, large and small capitals; beneath this is a colorless tablet inscribed in three lines of colored capitals, "PROPRIETORS, - ENOSBURGH FALLS, - VERMONT." A fine outer line of color surrounds the whole.

DR. KENNEDY.

2c. Green.

Die approved Aug. 30, 1870.	First issued Oct., 1870.
No. of stamps per sheet 99.	Last issued Feb. 21, 1883.



Total No. issued, old paper,	275,625.
“ “ “ silk “	511,699.
“ “ “ pink “	} 706,062.
“ “ “ wmk'd. “	

Description:—Size of engraving 25 x 41mm. Three-quarters portrait of Mr. Donald Kennedy to left upon the hatched ground of an oval disk surrounded by a colorless line. Above, in two curved lines upon a colorless ground, “DR. KENNEDY’S - FAMILY MEDICINES.” The upper line is in outline Roman capitals, and the lower in colored, block capitals, with an outer line of color. Below, in a similar manner except that both lines are in colored, block capitals, with an outer line of color, “U. S. INTERNAL REV. - TWO CENTS.” These inscriptions are ornamented with colored dashes; there are slight floral ornaments in the upper corners and at the sides; irregular disks containing colorless numerals of value upon a lined ground in the lower corners; slight ornaments ending in two pearls on the inner side of the lower corner ornaments; and the whole is bordered by a double-lined frame.

This firm, whose place of business was at Roxbury, Mass., was composed of Mr. Donald Kennedy and Dr. Geo. G. Kennedy.

6c. Black.

Die approved May 8, 1874.	First issued May, 1874.
No. of stamps per sheet 77.	Last issued March 31, 1883.
Total No. issued, silk paper,	824,614.
“ “ “ pink “	} 1,769,094.
“ “ “ wmk'd. “	

Description:—Size of engraving 25 x 49½mm. Otherwise the same as the two cent excepting that the value is altered and the lower line of the upper inscription, which is more curved, reads: “MEDICAL DISCOVERY.”

KENNEDY & CO.

2c. Black.

Die approved June 11, 1872.	First issued July, 1872.
No. of stamps per sheet 80.	Last issued Dec. 4, 1880.
Total No. issued, silk paper,	1,252,550.
“ “ “ pink “	} 932,811.
“ “ “ wmk'd. “	

Description:—Size of engraving 42 x 25mm. Three-quarters portrait to left upon the hatched ground of a circular disk bordered by a toothed frame. At left, closely following the outline of this disk, is a colored label inscribed “PRIVATE STAMP” in colorless, Roman capitals; to left of that is a large, shaded numeral of value upon colorless ground, and, to its left, is a fancy tablet, outlined by a double-lined frame and inscribed in four lines of small, Roman capitals, upon a colorless ground, “THE - GREATEST - REMEDY - OF THE AGE.” The right side is similar, here the curved label is



inscribed "PROPRIETARY."; and the tablet "IT-STANDS-WITHOUT-A RIVAL." At the top is an arched label of color broken in the centre by a slight ornament; this is inscribed "U. S. INTER. REVENUE" in colorless, Roman capitals. Below this is "DR. RADCLIFFE'S GREAT REMEDY," in a curved line of colored and outlined capitals. Below the central disk is "KENNEDY & CO. SOLE PROPRIETORS." in similar style to last. At left, just below this, is "TWO"; at right "CENTS." in shaded, Roman capitals; while at the bottom, in the centre, is a straight marginal label of color inscribed "PITTSBURGH, PENNA." in colorless, block capitals. There are shaded shields in each corner with slight ornaments on either side of them; the unenclosed inscriptions and those in the tablets are ornamented with dashes and the whole is bordered by a fine, colored line.

1c. Green.

Die approved	First issued June 14, 1881.
No. of stamps per sheet 210.	Last issued Jan. 24, 1883.
Total No. issued, watermarked paper, 567,000.	

Description :—Size of engraving 19 x 23mm. A large building bearing the number "28" upon the central portion of the cornice. This is enclosed in an irregular frame, the side and upper sections terminating in scrolls. There are oval disks of color bearing colorless numerals of value in the upper corners, and between them is a straight, marginal label of color inscribed "U. S. INTER. REV." in colorless, block capitals. Below, at left, is a curved label of color inscribed "28 WOOD ST." in colorless, block capitals. At right, in a similar manner, is "PITTSBURGH, PA." In the centre, at bottom, is a colorless tablet inscribed "K & CO." in large, colored, block capitals. At left of this is a straight, marginal label inscribed "ONE" in colorless, Roman capitals upon a lined ground; at right, in a similar manner, "CENT." The triangular spaces between these labels and the curved ones above is vertically lined, and the whole is surrounded by a fine line of color.

JAS. C. KERR.

4c. Blue.

Die approved Dec. 17, 1870.	First issued March, 1871.
No. of stamps per sheet 38.	Last issued June 23, 1882.
Total No. issued, old paper, 15,740.	
" " " silk	" 70,875.
" " " wmk'd.	" 25,900.

Description :—Size of engraving 127 x 17mm. Three-quarters portrait of Dr. Kerr to left upon the shaded ground of a circular disk bordered by a fine line of color; this is then enclosed in a square frame, the triangular spaces at the corners being filled in with an ornament bearing a circular disk of solid color containing a colorless, five-pointed star. At either side is an upright, rectangular ornament with a colorless circular spot in the centre.



At left is a rectangular panel, with truncated corners, inscribed in five lines of colorless capitals, "DR. JAS. C. KERR'S - GREAT - SYSTEM - RENOVATOR. - CINCINNATI, O." upon an horizontally lined ground. The inner frame of this panel terminates in elaborate ornaments in the corners, and, outside of it, in each corner, are small pearls. At right is a similar panel inscribed "UNITED STATES - INTER. REV. - PROPRIETARY - MEDICINE. - FOUR CENTS." At either end of the stamp is an ornamental panel bearing an oval disk of color which contains a colorless numeral of value. The whole is bordered by an outer line of color which is doubled above and below the side panels.

6c. Black.

Die approved July 9, 1869.	First issued Sept., 1869.
No. of stamps per sheet 45.	Last issued Nov., 1870.
Total No. issued, old paper, 31,133.	

Description:—Design the same as for the four cent with the value altered.

LAWRENCE & MARTIN.

4c. Black.

Die approved May, 1880.	First issued 1880.
No. of stamps per sheet 30.	Last issued Feb. 6, 1881.
Total No. issued, watermarked paper, 445,900.	

Description:—Size of engraving 187 x 17mm. A scene at a railroad station, bordered by an octagonal frame, with a point at the centre of the right and left side, of a colorless line between two fine, colored ones. To the right and left are horizontal rectangles bordered, except at the inner ends, by a colorless line between two fine lines of color, outside of which is a reticulated frame. The left rectangle is inscribed, in two lines of colorless and exteriorly shaded capitals, "UNITED STATES - LAWRENCE & MARTIN", upon a ground composed of a repetition of the words "FOUR CENTS" in colored, almost microscopic, Roman capitals. At right, in a similar manner, "INTERNAL REVENUE - CHICAGO, ILLS." The upper line of these inscriptions is slightly curved and in Roman letters; the lower is straight and in block letters. At the outer ends of these rectangles, separated from them by a colorless line, are upright ovals, flattened at top and bottom, upon a square tablet bordered by a colorless line between two colored ones; these contain a circular disk with a colorless numeral of value upon a ground of solid color surrounded by a colorless line. The ground of the oval, above and below the circular disk, is of crossed vertical and horizontal lines upon which is a scroll ornament of solid color. At right of this oval, in a label of solid color closely following its outline, is: "FOUR"; at left "CENTS"; in colorless, Roman capitals. There is a small colorless ornament upon the shaded ground at either end of these labels. Outside of this, at each end, is a rectangular space, its ground lined horizontally and crossed by vertical lines arranged in sets of three at a little distance from each other. These



rectangles contain two irregularly shaped ornaments, one above the other, outlined by colorless lines and with a reticulated ground with central ornaments of solid color.

LEE & OSGOOD.

1c. Blue.

Die approved Jan. 23, 1866.	First issued Feb., 1866.
No. of stamps per sheet 108.	Last issued prior to Oct. 1, 1880.
Total No. issued, old paper, 132,100.	
“ “ “ silk “	74,000.
“ “ “ wmk'd. “	21,000.

Description :—Size of engraving 22 x 37½mm. Three-quarters portrait of Mr. Lee to right upon the hatched ground of an oval disk bordered by a colorless line between two fine, colored ones, with a fancy, outer frame of lined ground, bordered by a colorless and two colored lines, above and below. Above, in two curved lines of colorless, Roman capitals upon a vertically lined ground, “LEE & OSGOOD - PROPRIETORS.”; below, in a similar manner, “INTERNAL - REVENUE.” At top, upon a curved colorless label: “CHARLES LEE'S PILLS.” in colored, Roman capitals; at bottom, in a similar manner, “NORWICH, CONN.” At the left side, in a colorless scroll upon an horizontally lined ground, “ONE”; at right “CENT.” in colored, block capitals. Above these side labels are colorless numerals of value; below them, at left, “U”; at right “S”. Ornamental work above and below, forming square corner pieces, and the whole bordered by a fine line of color.

J. LIPPMANN & BROS.

4c. Blue.

Die approved Sept. 20, 1870.	First issued Nov., 1870.
No. of stamps per sheet 80.	Last issued Dec., 1874.
Total No. issued, old paper, 55,875.	
“ “ “ silk “	23,724.

Description :—Size of engraving 138 x 22mm. A pictorial representation of Victory, in a chariot drawn by two horses, despatching a double-headed dragon and bearing a shield inscribed in microscopic, block capitals “HEALTH - TO ALL”, in two lines. This is upon the lightly shaded ground of a circular disk which is surrounded by a band of solid color between two colorless and colored lines; the band is inscribed “JACOB LIPPMANN & BROS.” above, and “SAVANNAH, GA.” below, in colorless, Roman capitals. At each side is an ornate, horizontal tablet of horizontal lines; this is superimposed upon a reticulated ground and the spaces between this ground, the central disk, the outer frame lines of the stamp above and below, and the ornamented end pieces is vertically lined, the lines being arranged in pairs. The tablet at left is inscribed, in three lines of colorless, Roman capitals “LIPPMANN'S - GREAT - GERMAN BITTERS.”; that at right, in four lines, “SOLE - MANUFACTURERS - FOR THE - UNITED STATES.”



The lower border of vertical lines is broken at right and left of the central disk by a straight, colorless, marginal label; that at left being inscribed "BRANCH MANUFACTORY," that at right, "NEW YORK CITY." in colored, block capitals. At each end, upon a reticulated ground, is an horizontally lined circular disk bearing a fancy, colorless numeral of value; this is separated from the stamp proper by a curved, ribbon label with scroll ends inscribed "FOUR CENTS". The ends are then rounded off by a curved label of solid color inscribed, at left, "UNITED STATES", at right, "INTERNAL REVENUE.", all these last inscriptions being in colorless, Roman capitals. The corners are squared by the addition of florated ornaments and the whole is bordered by an outer line of color.

ALVAH LITTLEFIELD.

1c. Black.

Die approved Jan. 29, 1870.	First issued Feb., 1870.
No. of stamps per sheet 210.	Last issued March 5, 1881.
Total No. issued, old paper, 604,700.	
“ “ “ silk “ 645,080.	
“ “ “ wmk'd “ 72,450.	

Description :—Size of engraving 19 x 23mm. A fancy colorless monogram of the letters "A L", upon the hatched ground of an irregularly shaped disk surrounded by a colorless line between two fine colored ones, this colorless line being divided into small blocks by fine lines of color. Above, in a semi-circular label of solid color "ALVAH LITTLEFIELD"; below, in a curved label with a vertically lined ground, "U. S. INTER. REV." At the top, in a curved label whose ends terminate in scrolls in the upper corners, "PROPRIETARY." upon a shaded ground. In the lower corners are colorless numerals of value upon circular disks of solid color, and between them, in a slightly curved marginal label of solid color, "ONE CENT." All of the inscriptions are in colorless, Roman capitals; the spaces between the semi-circular label and the central disk are lined vertically; there are small, foliated ornaments below the ends of the upper, semi-circular, and lower labels.

Mr. Littlefield was located at Boston, Mass.

4c. Green.

Die approved Feb. 3, 1871.	First issued Feb., 1871.
No. of stamps per sheet 210.	Last issued Nov., 1873.
Total No. issued, old paper, 14,025.	
“ “ “ silk “ 85,125.	

Description :—Design the same as for the one cent with value altered.



PROF. A. P. LOW.

Die approved May 7, 1875. First issued June, 1875.
 No. of stamps per sheet 210. Last issued March 30, 1883.

Total No. issued, silk	paper,	660,106.
“ “ “ pink	“	} 954,997.
“ “ “ wmk'd.	“	

Description :—Size of engraving 19 x 23mm. Three-quarters portrait of Prof. Low to right upon an irregular disk bordered by a colorless line between two fine colored ones. This is surrounded by an oval band of solid color which is twice as wide above and below as at the sides. It is inscribed above, in two lines of colorless, Roman capitals, “U. S. INTERNAL REVENUE - ONE CENT.”; at bottom, “PROF. LOW'S - STANDARD PREPARATIONS.” At each side, in a niche in the central disk, is an horizontally lined oval containing a colorless numeral of value. Elaborate foliated ornaments form the corner pieces.

LYON MANUFACTURING CO.

1c. Black.

Die approved Jan. 26, 1872. First issued Jan., 1873.
 No. of stamps per sheet 102. Last issued Feb. 10, 1883.

Total No. issued, silk	paper,	2,048,147.
“ “ “ pink	“	} 2,320,168.
“ “ “ wmk'd.	“	

Description :—Design the same as for the one cent Demas Barnes & Co.* excepting that the inscription at left is altered to “LYON MANUFG. - CO. - NEW YORK.” and the lettering upon the sign on the top of the building and over the doors is erased.

2c. Black.

Die approved Feb. 5, 1872. First issued April, 1872.
 No. of stamps per sheet 102. Last issued Jan. 11, 1883.

Total No. issued, silk	paper,	2,157,394.
“ “ “ pink	“	} 1,553,656.
“ “ “ wmk'd.	“	

Description :—Design the same as for the one cent with value altered.

J. McCULLOUGH.

2c. Black.

Die approved July 19, 1873. First issued July, 1873.
 No. of stamps per sheet 105. Last issued May 19, 1883.

*See p. 223.



Total No. issued, silk paper, 41,800.
 " " " wmk'd. " 16,463.

Description :—Design the same as for S. D. Howe,* of which it is the successor, excepting that the upper line of the inscription in the left hand tablet is altered to: "J. McCULLOUGH."

J. H. McLEAN.

1c. Black.

Die approved Feb. 1, 1867.	First issued April 12, 1867.
No. of stamps per sheet 210.	Last issued Feb. 20, 1883.
Total No. issued, old paper,	6,045,270.
" " " silk "	10,780,160.
" " " pink "	} 10,367,893.
" " " wmk'd. "	

Description :—Size of engraving 19 x 23mm. A street scene with a large building in the foreground, crossed horizontally by two straight lines of colorless, outlined block capitals reading: "DR. J. H. McLEAN—ST LOUIS, MO." Above, in a colorless, curved label whose notched ends terminate in scrolls in the upper corners, "U. S. INTER. REV." Below, in a similar manner "PROPRIETARY." Colorless disks containing a colored numeral of value are just over the ends of the lower label and, just above them in colorless labels at the sides, "ONE" at left; "CENT" at right. All these inscriptions are in colored, Roman capitals. Slight, foliated ornaments at sides and bottom complete the design.

MANHATTAN MEDICINE CO.

1c. Violet.

Die approved Oct. 12, 1878.	First issued 1878.
No. of stamps per sheet 114.	Last issued May 31, 1883.
Total No. issued, watermarked paper,	686,171.

Description :—Size of engraving 18 x 44mm. Full face portrait upon the hatched ground of an oval disk bordered by a band of solid color between two colorless lines. This band is inscribed "MANHATTAN MEDICINE CO." above, and "NEW YORK." below, in colorless, Roman capitals. Above, in a curved label of solid color, "U. S. INTER. REV." with square blocks of color bearing a colorless numeral of value above each end. Below, in a straight label of color, "ONE CENT". At the top and bottom are rectangular tablets with truncated corners framed in such a manner as to give them a sunken appearance. That at top is inscribed; "PROPRIETORS—OF—ATWOOD'S—BITTERS." in four lines of colorless, exteriorly shaded Roman capitals upon a diagonally lined ground. Below, in a similar manner, "LIVER-

*See page 283.



WORT - TAR - AND - CANCHALAGUA &c. - &c." There is a very slight scroll ornamentation and, excepting for that portion at sides opposite the central disk, the whole is bordered by a heavy colorless line between two fine colored ones. The sides are of shaded ground edged with a fine, colored line.

2c. Black.

Die approved Aug. 11, 1877.	First issued 1877.
No. of stamps per sheet 114.	Last issued June 14, 1881.
Total No. issued, silk paper, }	210,500.
“ “ “ pink “ }	
“ “ “ wmk'd. “ }	

Description :—Design the same as for the one cent with value altered.

MANSFIELD & HIGBEE

1c. Blue.

Die approved Sept. 12, 1871.	First issued Sept., 1871.
No. of stamps per sheet 210.	Last issued April, 1875.
Total No. issued, silk paper, 1,354,100.	

Description :—Size of engraving 19 x 23mm. A lion, eagle and mortar (the trade mark of the firm), below which is a ribbon inscribed in colored, block capitals "ESTABLISHED 1840", upon a circular disk bordered by a colorless line between two fine colored lines. Above, in a curved line of colored, Roman capitals just inside the disk, "MANSFIELD & HIGBEE"; below, in a similar manner but in block capitals, "MEMPHIS, TENN." Slightly curved marginal labels of solid color at top and bottom; that at top is inscribed "U. S. INTER. REV."; that at bottom "PROPRIETARY". Colorless numerals of value upon the lined ground of the triangular spaces between the central disk, sides, and upper label; below, in a similar manner, "ONE" at left; "CENT" at right all placed obliquely and all the inscriptions in Roman capitals except where noted otherwise.

On April 9, 1872 this firm requested Mr. Carpenter to perforate some of their stamps "in sets of four, i. e. only the outer edges of each block of four is to be perforated." This was done to enable them to use one of these blocks in lieu of a four cent stamp. The idea being the same as that employed by Wm. Gates in his last three cent match stamp. It is also found in horizontal pairs interperforate between the two.

This firm was succeeded by S. Mansfield & Co. of the same place, who advise Mr. Carpenter of the transfer of the die to them and ask about altering the same under date of April 1, 1875.



S. MANSFIELD & CO.

1c. Blue.

Die approved Sept. 29, 1875. First issued 1875.
 No. of stamps per sheet 210. Last issued Dec. 29, 1882.

Total No. issued, silk paper,	} 1,399,500.
“ “ “ pink “	
“ “ “ wmk'd. “	

Description :—Design the same as that of Mansfield & Higbee, of whom this Co. was the successor, excepting that the inscriptions inside the central disk are altered to read “S. MANSFIELD & CO.” above; and “SOLE PROPRIETORS.” below.

These stamps were perforated in square blocks of four for use as a four cent stamp, and, also, in horizontal pairs which were used for a two cent value.

The single stamps, *perforated on all four sides*, both of this and of the Mansfield & Higbee plate, are much rarer than the catalogue price indicates. Those imperforate on one or more sides are *not the one cent stamp*, strictly speaking, but are merely *one half of the two cent, or one quarter of the four cent stamp*.

T. W. MARSDEN.

2c. Blue.

Die approved Oct. 9, 1866. First issued Dec. 13, 1866.
 No. of stamps per sheet 56. Last issued Dec. 13, 1866.

Total No. issued, old paper, 26,250.

Description :—Size of engraving 85 x 18mm. A large monogram of the letters “U. S.” lightly shaded horizontally upon the heavily lined ground of a circular disk bordered by a band of color between a double-lined frame which is inscribed “T. W. MARSDEN.” above, and “NEW YORK.” below. At right and left are horizontal ovals with scalloped edges and a ground of fine, horizontal lines; that at left bears, in its centre, a large, lightly shaded numeral of value which is crossed by the words: “TWO CENTS,” in a straight line; that at right is similar but the inscription is “INTER. REV.” Both are bordered by a band of solid color with a lined frame, that at left being inscribed “PECTORAL BALM.” above, and “CARMINATIVE SYRUP.” below; there is a flower-like ornament between the ends of these inscriptions. The inscriptions at right are “EXTRACT GINGER.” above and “CALISAYA TONIC.” below. All the lettering is in colorless, Roman capitals. The stamp is made into an horizontal rectangle with truncated corners by the addition of horizontally lined groundwork; there is a colorless, vertical line, with slight ornamentation at top and bottom, between the central disk and the ovals at right and left and the whole is bordered by a fine, outer line of color.



4c. Black.

Die approved Aug. 2, 1866.
No. of stamps per sheet 54.

First issued Aug. 20, 1866.
Last issued Aug. 20, 1866.

Total No. issued, old paper, 27,500.

Description:—Size of engraving 97 x 18½mm. An horizontally lined circular disk inscribed "U. S. - INTER. - REV." in three lines of colorless, Roman capitals. This is bordered by a colorless band between two rope-like frame lines; the band being inscribed "T. W. MARSDEN," above and "NEW YORK." below in fancy, colored, Roman capitals. At left is a large horizontal oval inscribed, in four lines of colorless capitals upon a reticulated ground, "CARMINATIVE SYRUP - FOR DIARRHOEA, DYSENTERY, AND CHOLERA MORBUS." At right, in a similar manner, "PECTORAL BALM - FOR COUGHS, COLDS, - AND CONSUMPTION." The design is then formed into a rectangle by filling in the corners, and the spaces between the central disk and the ovals, with horizontal shading. Upon this shading between the ovals and central disk, both at top and bottom is "FOUR CENTS" in colorless, block capitals, the "FOUR" being at left and the "CENTS" at right of the central disk. There are colorless numerals of value in these same spaces, those above being just below the inscriptions and those below just above them. An outer line of color surrounds the whole.

MERCADO & SEULLY.

2c. Black.

Die approved Dec. 21, 1866.
No. of stamps per sheet 42.

First issued March 11, 1867.
Last issued Oct., 1868.

Total No. issued, old paper, 102,850.

Description:—Size of engraving 145½ x 15½mm. "M S" in large, horizontally shaded capitals with a colorless "&" upon their centre upon the shaded ground of an oval disk bordered by colorless and colored lines. At right and left, in two straight lines of colorless capitals "MERCADO & SEULLY - PROPRIETORS," upon an horizontally shaded ground which is terminated at the outer ends by a vertical label of solid color with rounded ends; a colorless numeral of value upon the horizontally lined ground of an oval disk which is transformed into a rectangle by the addition of triangular, vertically shaded ground at the corners, and another vertical label. The outer of these labels is inscribed "TWO", the inner "CENTS" in colorless capitals. At the centre of the top and bottom are straight, marginal labels of color; that above, to the left of the central disk, is inscribed "UNITED STATES"; to right "INTERNAL REVENUE." Below, on each side of the central disk, "SAN FRANCISCO, CAL." in colorless capitals. All of the inscriptions are in Roman capitals excepting the word "PROPRIETORS" which is in block capitals. The whole, except where interrupted by the marginal labels at top and bottom,



is framed by a lightly shaded band outlined by a colorless line between two fine colored ones, a heavy, colorless line and a double-lined outer frame.

This stamp was ordered by and registered in the name of Paul Ed. Robert, the New York agent of the firm.

MERCHANT'S GARGLING OIL.

1c. Black.

Die approved March 10, 1869.	First issued May, 1869.
No. of stamps per sheet 210.	Last issued Feb. 1, 1883.
Total No. issued, old paper,	835,270.
“ “ “ silk “	1,378,458.
“ “ “ pink “	} 1,873,195.
“ “ “ wmk'd. “	

Description:—Size of engraving 23 x 19mm. A scene in the desert representing two Arabs, one holding a spirited Arabian horse by the bridle and the other kneeling and rubbing one of the horse's forelegs with the contents of a bottle which is standing near an open box containing other bottles. There are colorless numerals of value upon the reticulated ground in the upper corners; between them, in a slightly curved and colorless label with rounded ends, "MERCHANT'S"; below this upon a label of solid color curved to the outline of the tablet, "GARGLING OIL." At left, is a label of solid color whose lower end curls into the bottom, "LOCKPORT, N. Y." At right, in a similar manner, "U. S. INTER. REV." Below, in a straight, marginal label of solid color, "ONE CENT". All of the inscriptions are in colorless, Roman capitals excepting the lower one, which is in block capitals. Reticulated ground in the lower corners and an outer line of color surrounding the whole.

2c. Green.

Die approved March 10, 1869.	First issued May, 1869.
No. of stamps per sheet 210.	Last issued Feb. 1, 1883.
Total No. issued, old paper,	626,650.
“ “ “ silk “	901,438.
“ “ “ pink “	} 969,026.
“ “ “ wmk'd. “	

Description:—Design the same as for the one cent with value altered.

METTE & KANNE.

3c. Black.

Die approved Dec., 1879.	First issued 1879.
No. of stamps per sheet 46.	Last issued Oct. 12, 1882.
Total No. issued, watermarked paper,	131,400.

Description:—Size of engraving 138 x 14mm. Three-quarters portrait



to left placed sideways in an oval disk bordered by an heavy, colorless line between two, fine, colored ones. Foliated ornaments fill in the corners and are connected at sides by a curved band. At left, in five lines of colorless capitals upon a panel with horizontally lined ground "UNITED - INTERNAL - METTE AND KANNE, - PROPRIETORS, - ST. LOUIS,"; at right in a similar manner, "STATES - REVENUE. - ST. GOTTHARD CELEBRATED - HERB BITTERS. - MISSOURI." These inscriptions are ornamented with fancy, colored dashes and line ornaments. At either end of the stamp is an upright rectangular panel with beveled edges between two straight, vertical labels of solid color. The outer of these labels is inscribed "THREE"; the inner "CENTS", in colorless, Roman capitals; the panel bears an irregularly shaped disk containing a large, colorless numeral of value upon a reticulated ground. There is a fine line of color surrounding the whole.

MISHLER'S HERB BITTERS CO.

4c. Black.

Die approved Jan., 1880.

First issued, 1880.

No. of stamps per sheet 51.

Last issued April 6, 1883.

Total No. issued, watermarked paper, 46,968.

Description :—Design the same as that of Dr. S. B. Hartman & Co.* excepting that the inscription at left is altered to "MISHLER HERB BITTERS CO. - SUCCESSORS TO - DR. S. B. HARTMAN & CO.,"; and the upper line of the inscription at right to "MISHLER HERB BITTERS CO."

MOODY, MICHEL & CO.

4c. Black.

Die approved July 17, 1873.

First issued July, 1873.

No. of stamps per sheet 38.

Last issued May, 1876.

Total No. issued, silk paper, 42,875.

Description :—Size of engraving 139 x 17mm. An eagle to left, with upraised wings, perched upon a rock. Near its feet, which hold an olive branch and a sheaf of arrows, lies an United States shield. This is upon a circular disk bordered by a colorless line between two fine colored ones. At left, closely following the outline of the disk, is a curved label of color, inscribed "U. S. INTER." in colorless, Roman capitals; at right, in a similar manner "REVENUE." At right and left are horizontally lined panels inscribed in five lines of colorless, Roman capitals "CELEBRATED - WEST INDIA - STOMACH BITTERS. - MOODY, MICHEL & CO. - PROPRIETORS, ST. LOUIS, MISSOURI." There is a colorless dash between the third and fourth lines and an heavily lined, cross-like ornament upon the lightly lined ground of a circular disk in each of the upper corners of the panels. At either end of the

*See p. 251.



stamp is a large, lightly shaded scroll ornament bearing an octagonal tablet containing a colorless numeral of value upon an heavily lined ground; this numeral is placed sideways and the scroll ornament is enclosed at the outer end by a curved label of color inscribed "FOUR CENTS" in colorless, Roman capitals. Scroll corner pieces are added and the ground between the label and the large scroll is heavily lined horizontally.

This firm was succeeded by the West India Manufacturing Co.

C. C. MOORE.

1c. Vermilion.

Die approved Aug. 1879.

First issued 1879.

No. of stamps per sheet 210.

Last issued Dec., 1881.

Total No. issued, watermarked paper, 396,660.

Description:—Size of engraving $23\frac{1}{2} \times 17\frac{1}{2}$ mm. Profile of Dr. Moore to right upon the horizontally lined ground of an oval disk surrounded by a fine colored line between two colorless ones. This disk is at the extreme right and top of the stamp; below it is a straight colorless marginal label containing a facsimile signature of "DR. C. C. MOORE." In the triangles between the oval and frame at right are colored numerals of value with a small colored ornament. At left, upon a ground of solid color, "MOORE'S - PILULES, - POWDERS - AND - LOZENGES.", in five lines of colorless, upper and lower case, Roman type. Below this, and separated from it and the bottom inscription by colorless lines, "ONE CENT." in colorless, block capitals. At bottom, "U. S. INTER. REV." in colorless, large and small, block capitals. The whole is surrounded by an outer line of color.

2c. Black.

Die approved July 28, 1877.

First issued 1877.

No. of stamps per sheet 210.

Last issued Dec. 8, 1881.

Total No. issued, silk paper,	} 704,150.
" " pink "	
" " wmk'd. "	

Description:—Design similar to that of the one cent with value altered and other changes as follows: The numerals of value at right are on colorless ground without ornamentation; there is a colorless numeral of value upon a square of color in the lower left corner; to right of this square is a wide label of color inscribed "TWO CENTS" in two lines; a colorless label surrounds the oval on the left and is inscribed "U. S. INTER. REV." in colored, upper and lower case Roman letters and the colored ground on the left is inscribed, in five lines, "MOORE'S - PILULES - SURE - CURE FOR - CHILLS." in colorless, upper and lower case letters of which the upper and lower lines and the word "FOR" are Italics, the rest Roman; the "FOR" is very small and a large capital "C" serves as the first letter for both "CURE" and "CHILLS."

17,210 of these stamps on pink paper were issued May 6, 1878, but in all probability, but few were used.



D. C. MOREHEAD.

1c. Black.

Die approved Oct. 21, 1863.
No. of stamps per sheet 90.

First issued Jan., 1864.
Last issued Dec., 1868.

Total No. issued, old paper, 196,200.

Description :—Size of engraving 62 x 18mm. Three-quarters portrait of Mr. Morehead upon the hatched ground of a circular disk surrounded by an horizontally shaded band between two colorless lines with an outer colored and colorless line. This band is inscribed "MOREHEAD'S" above, and "MAGNETIC PLASTER." below in colorless, Roman capitals. At each side, above and below, are colorless numerals of value upon the lined ground of circular disks outlined by a set of three fine, colored lines between two colorless lines. Above, at right and left, are straight labels with rounded ends and lined ground outlined by a heavy line of color between two colorless lines; these are both inscribed "ONE"; below, in a similar manner, "CENT". At the outer ends are irregular labels of solid color; that at left is inscribed "U. S. INTER."; that at right "REVENUE." All these inscriptions are in colorless, block capitals. Upon colorless tablets at right and left and enclosed by the labels above, below, and at ends, "THE - GREAT - STRENGTHENER" at left; "AND - PAIN - DESTROYER." at right in three lines, the lower being curved, of colored, Roman capitals. There are foliated ornaments around the end labels and the disk containing the numerals; that portion at right and left of the central disk is bordered, excepting at the inner ends, by a fine colored line, and the whole is surrounded by a heavy line of color at a little distance.

Mr. Morehead sold out to Hall & Ruckel in 1868 and the last lot of this stamp was ordered by them.

4c. Black.

Die approved Dec. 16, 1864.
No. of stamps per sheet 65.

First issued Jan., 1865.
Last issued Jan., 1865.

Total No. issued, old paper, 13,125.

Description :—Size of engraving 74 x 20½mm. Design closely resembling that of the one cent from which it differs as follows: The lower inscription upon the band surrounding the central disk is altered to "NEURODYNE."; the circular disks containing the numerals of value are close to the frame lines and there is a foliated ornament between them and the central disk. The upper and lower labels at each side are arched in the centre and are inscribed "FOUR" and "CENTS" respectively. The colorless tablet at left is inscribed "THE - GREAT - NEURALGIC", and at right "AND - PAIN - ANTIDOTE."

NEW YORK PHARMACAL ASSOCIATION.

4c. Black.

Die approved July 16, 1877.
No. of stamps per sheet 70.

First issued 1877.
Last issued May 19, 1883.



Total No. issued, silk	paper,	} 1,284,417.
“ “ “ pink	“	
“ “ “ wmk'd.	“	

Description:—Size of engraving 73 x 17½mm. A pig upon his hind legs using a pestle in a mortar upon the horizontally lined ground of an oval disk surrounded, excepting at bottom, by a colored and a colorless line terminating below in an ornament at each side. Below, its center forming the lower frame to the oval disk, is a curved label of solid color inscribed “LACTOPEPTINE” in colorless, Roman capitals. Above, to left of the central disk upon a vertically lined ground, is a monogram of the colorless capitals “U. S.”; at right is a similar monogram of “I. R.” At left, upon the horizontally lined ground of an irregular tablet so framed as to make its surface appear similar, “NEW YORK - PHARMACAL - ASSOCIATION”; at right, in a similar manner, “U. S. INT. REV. - PROPRIETARY - FOUR CENTS.” The first two lines of these inscriptions are curved and in colorless, Roman capitals; the lower is straight, has a colorless diamond above it, and is in colorless, block capitals, and all are exteriorly shaded with color. The balance of the design is vertically lined, of fanciful shape and outlined by a colorless line outside of which, at the centre of the top, bottom and outer ends, is heavier lined ground. There are colorless numerals of value placed obliquely in circular disks of solid color in each corner.

DR. M. PERL & CO.

6c. Black.

Die approved Jan. 29, 1867.

First issued May 1, 1867.

No. of stamps per sheet 28.

Last issued Sept. 23, 1867.

Total No. issued, old paper, 15,750.

Description:—Size of engraving 188 x 24mm. The monogram “S. A. M.” in colored, script capitals above an outlined crescent inscribed “TRADE MARK” in colored block capitals upon the colorless ground of a circular disk bordered by a fine colored line outside of which is a frame in the form of a rope between colored and colorless frame lines. This rope is broken above and below by curved, colorless labels, that above inscribed “DR. M. PERL & CO.”; that below, “NEW ORLEANS, LA.” in small, colored, block capitals. Rectangular, horizontally lined ground at either side; that at left inscribed “UNITED - INTERNAL - DR. M. PERL & CO. - MANUFACTURERS & - PROPRIETORS, - NEW ORLEANS, - LA.” in seven lines of colorless capitals; the upper three lines are Roman and the balance block letters, and there is an ornamental dash between the second and third lines. At right the inscription is the same excepting that the two upper lines read: “STATES - REVENUE.” At the outer ends are upright rectangles, these bear other rectangles with truncated corners, which, in turn bear oval disks, all vertically lined, containing large, colorless numerals of value. Separating these end pieces from the main portion of the stamp are vertical labels of color inscribed “SIX”, and at the outer ends of the stamp, similar labels inscribed



"CENTS", both in large, colorless, Roman capitals. The whole is then bordered by a heavy, rope-like frame, outside of which is a single line of color.

This stamp was ordered by, and registered in the name of G. L. Kouns & Bro., New Orleans, La.

R. V. PIERCE.

1c. Green.

Die approved April 2, 1872.

First issued March, 1872.

No. of stamps per sheet 112.

Last issued Feb., 1879.

Total No. issued, silk paper,	1,009,845.
“ “ “ pink “	} 642,905.
“ “ “ wmk'd. “	

Description:—Size of engraving 15½ x 50½mm. Three-quarters portrait of Dr. Pierce to left upon a circular disk bordered by a colorless line between two fine colored ones. Above, in an irregular tablet bordered by an ornamental frame with a scrolled top and terminating below in scrolls at the lower ends, "U. S. - CERTIFICATE" in two lines of colorless, Roman capitals upon a vertically lined ground. Over this is an irregular, colorless tablet framed so as to make its surface appear sunken, "PROPRIETARY - MEDICINES - OF", in three lines the upper two being curved, of colored Roman capitals with a fancy dash before and after "OF". At the top, in three lines of colorless, Roman capitals upon a reticulated ground enclosed in a triple-lined frame "ONE - CENT. - U. S. INTERNAL". These tablets are duplicated below; the upper being inscribed "OF GENUINNESS"; below that is a facsimile signature of "R. V. PIERCE M. D." and "BUFFALO, N. Y." in colored, Roman capitals; and, at bottom in two lines, "REVENUE STAMP." There are colorless numerals of value in each corner upon solid ground and the whole is bordered by an outer line of color.

This stamp, though catalogued on old paper, does not exist so.

2c. Black.

Die approved April 9, 1870.

First issued April, 1870.

No. of stamps per sheet 56.

Last issued Feb., 1879.

Total No. issued, old paper,	699,624.
“ “ “ silk “	} 3,868,435.
“ “ “ pink “	
“ “ “ wmk'd. “	} 2,061,192.

Description:—Size of engraving 19 x 87mm. Of the same general design as the one cent with the value altered and an extra oval with reticulated ground added between the colorless tablet and the lined ground above and below the central disk. The upper oval is inscribed "DR. SAGE'S - CATARRH - REMEDY." in three lines, the upper and lower being curved and of colorless, Roman capitals, while the middle line is straight and in fancy, colorless, block capitals. Below it is inscribed in six curved lines,



all being Roman capitals except the second, which is upper and lower case, "DR. PIERCE'S-ALT. EXT. - OR - GOLDEN - MEDICAL - DISCOVERY."

There is, also, more foliation to the ornamental frame lines.

These dies were afterwards altered and used by the World Dispensary Association.

BENNETT PIETERS & CO.

4c. Black.

Die approved Oct. 31, 1865.

First issued Feb., 1866.

No. of stamps per sheet 48.

Last issued July., 1872.

Total No. issued, old paper, 436,750.

" " " silk " 7,187.

Description :—Size of engraving 145 x 13½mm. Three-quarters portrait to left upon the hatched ground of a circular disk bordered by a colorless line between two fine colored ones. At each side are long, rectangular panels with truncated corners, upon a vertically lined ground. That at left is inscribed "BENNETT PIETERS & CO'S.-RED JACKET BITTERS.", in two lines of colorless Roman capitals; that at right "UNITED STATES INTERNAL - REVENUE FOUR CENTS." in a similar manner. At either end of the stamp is a circular disk bearing a colorless numeral of value upon a horizontally lined ground; this is bordered by a band of solid color inscribed "FOUR" above; "CENTS" below, the words being separated at each side by a colorless, five pointed star. There are slight, floral ornaments at either side of the central disk above and below, and between the lined ground and the circular ends. The whole is surrounded by a fine line of color.

The first four cent stamp to be submitted was the same design as that afterwards adopted for the six cent value, excepting that the portrait was different. It was approved May 2, 1864 but was never used and, in July, 1864, its value was changed to Six Cents which, at that time, was thought to be the only value which this firm would require.

6c. Black.

Die approved July 14, 1864.

First issued Aug., 1864.

No. of stamps per sheet 46.

Last issued Jan. 30, 1866.

Total No. issued, old paper, 293,331.

Description :—Size of engraving 146 x 13½mm. Three-quarters portrait to left upon the shaded ground of a circular disk bordered by a colorless line. At right and left is an horizontally lined ground, the outer ends terminated by a colorless numeral of value upon the horizontally lined ground of a circular disk, which is bordered by a colored band between two colorless lines. This band is inscribed "SIX" above and "CENTS" below in colorless, Roman capitals, the two words being separated at sides by a colorless, five-pointed star. The lined ground at left is inscribed "INTERNAL" in



large, colorless and interiorly shaded Roman capitals; the right "REVENUE." in a similar manner. At left, across the word "INTERNAL" in three curved lines of colorless capitals, "BENNETT PIETERS & CO. IMPORTERS, DISTILLERS - AND MANUFACTURERS OF - WINES AND LIQUORS." Above this, in a curved line in the upper left corner, is, "CHICAGO."; in the upper right corner "UNITED". The right end is inscribed in a similar manner "CELEBRATED RED JACKET STOMACH BITTERS. - UNITED STATES - INTERNAL REVENUE"; in the upper left corner "STATES." and, in the upper right corner "CHICAGO." In the centre, above, is a straight, colorless, marginal label inscribed "SEE THAT THE STAMP IS UNBROKEN OVER THE CORK." in colored, Roman capitals, the inscription being broken by the central disk between the words "IS" and "UNBROKEN." The whole is then surrounded by a colored line at a little distance.

RADWAY & CO.

2c. Black.

Die approved Dec. 20, 1866.	First issued Feb. 1, 1867.
No. of stamps per sheet 80.	Last issued March 1, 1883.
Total No. issued, old paper, 2,416,000.	
" " " silk	" 4,894,976.
" " " pink	" } 2,143,226.
" " " wmk'd.	

Description:—Size of engraving 63 x 17mm. A rectangular tablet with truncated corners and ground of heavy horizontal and fine vertical lines bearing in large, shaded capitals, "R. R.", probably signifying "Radway's Ready Relief." This is bordered by a shaded frame in such a manner as to make the surface of the tablet appear sunken. At either end, half within and half without the tablet, is an oval disk of color bearing a colorless numeral of value placed sideways. There is a foliated ornament in each of the truncated corners, outside. At left, upon a colorless ground, "U. S. INTER. - REV. - TWO CENTS. - 2", in four lines of colored capitals reading at right angles with proper position of the stamp. All but the third line are in exteriorly outlined block capitals, while that is in Roman type. At right, in a similar manner, "RADWAY - & CO. - NEW YORK, - N. Y." At either end is a curved, colorless label inscribed "PROPRIETARY." in colored, block capitals while, outside of its ends, is a heavily lined ground. The whole is bordered by a double-lined outer frame.

D. RANSOM & CO..

1c. Blue.

Die approved March 25, 1865.	First issued July, 1865.
No. of stamps per sheet 210.	Last issued Aug., 1875.
Total No. issued, old paper, 2,227,350.	
" " " silk	" 1,804,030.

Description:—Size of engraving 19 x 23mm. Three-quarters portrait



of Mr. D. Ransom to left upon the hatched ground of an oval disk bordered by a fine, colored line between two colorless lines. At left, upon a curved label of solid color closely following the outline of the central disk, "D. RANSOM & CO." in colorless, Roman capitals; at right, in a similar manner, "BUFFALO, N. Y." Above, on each side, is a colorless ribbon whose notched end curls around the outer frame of the stamp at the side and hangs down below, while above, it curls around the frame, forms a loop in the centre and continues, in a similar label at right. This is inscribed "U. S. INTER." in colored, Roman capitals; at right, it is, "ONE CENT."; while, upon the loop in the centre, is a colored ground inscribed "REV." in colorless, block capitals. Just below this is an oval disk of color containing a small, colorless five-pointed star. In each of the upper corners, upon an obliquely lined ground, is a shield containing a colorless monogram of the letters "U. S." in Roman capitals. Below are two colorless ribbons with scrolled ends, separated in the centre by a colorless numeral of value. These are inscribed "PROPRIETARY." in colored, block capitals, the "1" of the word falling upon the colorless numeral. There are foliated ornaments in the lower corners; reticulated ground at sides, and vertically lined ground above.

2c. Black.

Die approved March 25, 1865.	First issued July, 1865.
No. of stamps per sheet 210.	Last issued Aug., 1875.
Total No. issued, old paper, 1,131,950.	
" " " silk "	985,975.

Description :—Design the same as for the one cent with value altered. This firm afterwards became D. Ransom, Son & Co.

D. RANSOM, SON & CO.

1c. Blue.

Die approved June 5, 1876.	First issued 1876.
No. of stamps per sheet 210.	Last issued March 2, 1883.
Total No. issued, silk paper, } 2,356,760.	
" " " pink "	}
" " " wmk'd. "	

Description :—Design the same as for D. Ransom & Co. excepting that the left label is altered to read "D. RANSOM, SON & CO."

2c. Black.

Die approved June 5, 1876.	First issued 1876.
No. of stamps per sheet 210.	Last issued March 2, 1883.
Total No. issued, silk paper, } 1,115,320.	
" " " pink "	}
" " " wmk'd. "	

Description :—Design the same as for the one cent with value altered.



REDDING'S RUSSIAN SALVE.

1c. Black.

Die approved April 26, 1872.	First issued May, 1872.
No. of stamps per sheet 210.	Last issued Jan. 20, 1883.
Total No. issued, silk paper, 517,800.	
" " " wmk'd. " 386,190.	

Description :—Size of engraving 19 x 23mm. A picture of a Russian soldier, who has dismounted and is dressing the wounds of another, upon an irregular central tablet with a double-lined frame above. At the top, inside the central tablet, "REDDING'S - RUSSIA SALVE." in two arched lines of small, *sans serif* capitals. At top, in an arched marginal label, "U. S. INTER. REV."; below, in a similar label, "PROPRIETARY"; both in colorless, Roman capitals, upon a ground of solid color. On the lined space below the left end of the upper label, "ONE"; in a similar manner at right, "CENT" in colorless, Roman capitals. There are colorless numerals of value upon ovals of solid color just above the ends of the bottom labels; slight ornaments in the outer corners and on the inner side of the ovals containing the numerals, and, excepting for the corner ornaments, the whole is bordered by a fine outer line of color.

This stamp was ordered by and registered in the name of W. A. Munroe, Cambridge, Mass.

RING'S VEGETABLE AMBROSIA.

2c. Blue.

Die approved April 25, 1873.	First issued May, 1873.
No. of stamps per sheet 99.	Last issued Feb., 1875.
Total No. issued, silk paper, 19,350.	

Description :—An almost circular design which measures 32 x 31mm. in diameter. Three-quarters portrait to left upon an oval disk bordered by a colored and a colorless line outside of which is an horizontally shaded ground which is narrow above and below and quite wide at the sides, so as to enclose the oval disk in a circular frame. Outside of this is a circular band of solid color between two colorless lines, which is inscribed "RING'S VEGETABLE AMBROSIA." above, and "U. S. INTER. REV." below in colorless, Roman capitals. Inside the central disk, at the bottom, is a curved label of solid color inscribed "TWO CENTS" in colorless, block capitals, and at each side, upon the lined ground, is a circular disk of color containing a colorless numeral of value. The whole is then surrounded by eleven concentric lines of color.

Both this and the four cent stamp were ordered by, and registered in the name of, E. M. Tubbs & Co., of Manchester, N. H.

Before being used this stamp was cut by a steel die so that the outer edge is serrated in twenty-seven (27) points. It is also found uncut, or square.



4c. Black.

Die approved March 22, 1867. First issued April 24, 1867.
 No. of stamps per sheet 99. Last issued Oct. 8, 1881.

Total No. issued, old paper, 714,375.
 " " " silk " 241,775.
 " " " wmk'd. " 29,700.

Description :—Design the same as the two cent with the value altered. This is found uncut and die cut as in the case of the two cent; it is also found perforated in a square.

J. B. ROSE & CO.**2c. Black.**

Die approved April 2, 1872. First issued Nov., 1872.
 No. of stamps per sheet 175. Last issued Nov., 1877.

Total No. issued, silk paper, 1,032,500.
 " " " pink " } 211,330.
 " " " wmk'd. " }

Description :—Size of engraving $39\frac{1}{2} \times 12\frac{1}{2}$ mm. A centaur upon the shaded ground of a circular disk bordered by a colorless line between two fine, colored ones. Above, upon a reticulated ground, "U. S. - INTERNAL - REVENUE." in three lines of colorless capitals, the middle one straight, the others curved. Below, in a similar manner, excepting that there is an heavy, colorless dash between the second and third lines and that only the upper line is curved, "CENTAUR - LINIMENT. - CASTORIA." In each of the corners between these inscriptions and the central disk is a small circular disk of solid color bearing a numeral of value. At top, upon a colorless ground, "TWO - CENTS." At bottom, "J. B. ROSE & CO. - NEW YORK." in colored capitals; all the lettering is Roman; there are light foliated ornaments in the corners, and the whole is bordered by a double-lined frame.

4c. Black.

Die approved April 2, 1872. First issued Nov., 1872.
 No. of stamps per sheet 175. Last issued April, 1878.

Total No. issued, silk paper, 11,250.

Description :—Size and design the same as for the two cent with the value altered.

This stamp was never printed on old paper.

RUMFORD CHEMICAL WORKS.**2c. Green.**

Die approved First issued Jan. 24, 1881.
 No. of stamps per sheet 210. Last issued May 1, 1883.



Total No. issued, wmk'd. paper, 1,219,050.

Description:—Size of engraving 19 x 23mm. A silhouette portrait to left upon a colorless, rectangular tablet with truncated corners and bordered by a vertically lined ground. Upon this ground, in each of the upper corners, is a colorless circular disk with a colored numeral of value; the lower corners and ground in colorless and the corners contain foliated ornaments which extend up the sides. There are slight, colorless ornaments at top and bottom of the central tablet. Colored, marginal labels at top, bottom and sides, with lined corner ornaments. The label at top is inscribed "RUM-FORD", that at bottom "CHEMICAL WORKS"; at left "U. S. INTER. REV."; and at right "TWO CENTS." All in colorless, Roman capitals, excepting the bottom, which is in block capitals. A fine line of color surrounds the whole.

These works were at Providence, R. I.

A. B. & D. SANDS.

1c. Green.

Die approved Dec. 26, 1862.

First issued Jan., 1863.

No. of stamps per sheet 69.

Last issued May, 1876.

Total No. issued, old paper, 3,937,157.

" " " silk " 1,815,009.

Description:—Size of engraving 100 x 14mm. A central, circular disk containing a colorless numeral of value upon an horizontally lined ground surrounded by a colorless band inscribed "U. S. INTERNAL REVENUE." in colored block capitals outlined by a colored line and this, in turn, surrounded by a reticulated band with a colorless, scalloped frame. At right and left, is a rectangle horizontally lined; that at left contains, at top, a colored facsimile signature of "A. B. & D. SANDS"; below, at left, in a slightly curved line of exteriorly shaded colorless, block capitals, "PROPRIETORS." and at right "NEW YORK." similar, but in Roman capitals. At right, in the upper left corner, "PRICE", in the upper right, "25 CENTS", in small, colorless block capitals; below this, in a curved line in the centre of the rectangle "MOMUNN'S" in large, colorless, Roman capitals, and in a straight line of colorless, fancy block capitals below it "ELIXIR OF OPIUM." Marginal labels of color at each end, both inscribed "ONE CENT" in colorless, Roman capitals; and a fine outer line of color surrounding the whole.

Most of these stamps were ordered in the name of E. Ferret, Agent, New York.

M. P. J. & H. M. SANDS.

2c. Green.

Die approved Dec. 20, 1875.

First issued 1875.

No. of stamps per sheet 69.

Last issued April 6, 1883.

Total No. issued, silk paper,	} 1,044,015.
" " " pink "	
" " " wmk'd. "	

Description:—Design the same as for A. B. & D. Sands' one cent with



value changed. The facsimile signature is altered to "M. P. J. & H. M. SANDS"; and the inscription in the upper right portion of the rectangle at right to "50 CENTS."

SHEETZ'S BITTER CORDIAL.

4c. Black.

Die approved June 22, 1872.	First issued July, 1872.
No. of stamps per sheet 64.	Last issued Aug., 1875.
Total No. issued, silk paper, imperforate, 10,500.	
" " " " " perforated, 36,925.	

Description :—Size of engraving 87 x 15½mm. Three-quarters portrait of Mr. Jacob Scheetz to left placed sideways upon the lined ground of an oval disk bordered by a colorless line between two colored ones. At each side is a rectangular panel, its inner corners truncated and the outer ones rounded. That at left is inscribed "SCHEETZ'S - CELEBRATED - BITTER CORDIAL." in four lines of colorless, Roman capitals upon an horizontally lined ground; at right "FOUR CENTS. - UNITED STATES - INTERNAL - REVENUE." in a similar manner. At the inner end of these panels is a colorless, oval disk containing a monogram of the initials "J. S." At the ends of the stamp is an oval disk bearing a colorless numeral of value upon a ground of solid color and above and below it is an heavily lined ornament upon a lightly lined ground. There are foliated ornaments in the spaces between the central disk and the truncated corners of the panels and the whole is bordered by an outer line of color.

J. H. SCHENCK.

1c. Green.

Die approved May 29, 1865.	First issued Sept., 1865.
No. of stamps per sheet 44.	Last issued April, 1880.
Total No. issued, old paper, perforated,	27,000.
" " " old " imperforate,	2,452,000.
" " " silk " "	3,439,827.
" " " pink " "	} 1,266,827.
" " " wmk'd. " "	

Description :—Size of engraving 81 x 25mm. Two oval disks placed side by side, that at right containing a three-quarters portrait of Mr. J. H. Schenck to left upon hatched ground; that at left another three-quarters portrait to right. Both are upon a rectangular tablet with truncated corners with reticulated ground above and horizontally lined below. Above, between the ovals upon a vertically lined ground, is a colorless ornament; below, in a similar manner, a colorless numeral of value. Above, upon a colored label with rounded ends which is superimposed upon a shaded ribbon is "SCHENCK'S"; below, in a similar manner, excepting that the ends of the ribbon are notched and curl around the frame lines at right and left,



"MANDRAKE PILLS." At left is an irregular tablet with oval outer end, enclosed in a heavy frame and superimposed upon a rectangle, with truncated outer corners and of reticulated lines, which is also bordered by a heavy frame is "U. STATES - INTER. - REVENUE - ONE CENT." in four lines upon an horizontally lined ground. In a similar manner at right "PULMONIC - SYRUP - AND SEAWEED - TONIC." All of the inscriptions are in colorless, Roman capitals; there are foliated ornaments at the inner corners of the side tablets; scrolled ornaments in the outer corners of the design, and an outer line of color bordering the whole.

Mr. Schenck was located at Philadelphia, Pa.

6c. Black.

Die approved May 29, 1865.	First issued Sept., 1865.
No. of stamps per sheet 44.	Last issued April, 1880.
Total No. issued, old paper, perforated,	18,500.
" " " " " imperforate,	986,300.
" " " silk " "	475,415.
" " " pink " "	} 53,392.
" " " wmk'd. " "	

Description :—Design the same as for the one cent with the value altered; the lower label inscribed "PULMONIC SYRUP." and the two upper lines of the inscription at right altered to "MANDRAKE - PILLS."

Two lots of both this and the one cent were issued perforated; they were in Sept. and Dec. 1865. It is so noted on the delivery book and Mr. Schenck was charged the usual three cents extra per thousand for perforating. He requested, however, that after that lot was used up no more should be perforated. Those specimens on pink paper purporting to be perforated are frauds pure and simple.

J. H. SCHENCK & SON.

4c. Black.

Die approved May 14, 1878.	First issued 1878.
No. of stamps per sheet 210.	Last issued April 12, 1883.
Total No. issued, watermarked paper,	468,375.

Description :—Size of engraving 18 x 22½mm. Three-quarters portrait of Mr. J. H. Schenck to left upon the lined ground of an irregular disk bordered, above and below, by arched labels of solid color between two colorless lines. The upper label is inscribed in two lines of colorless, Roman capitals, with two small five-pointed, colorless stars before and after the lower line, "U. S. INT. REV. - FOUR CENTS"; the lower, "J. H. SCHENCK & SON - PHILADELPHIA", with no stars. At each side is a colorless numeral of value upon a tablet of solid color. The ground in the corners is lined vertically and horizontally so as to look as if the whole thing was beveled, and the whole is bordered by a fancy frame of a colorless line between two, fine, colored ones.



J. E. SCHWARTZ & CO.

1c. Lake.

Die approved Nov. 22, 1875.	First issued 1875.
No. of stamps per sheet 84.	Last issued Dec. 27, 1882.
Total No. issued, silk paper,	} 750,036.
“ “ “ pink “	
“ “ “ wmk'd. “	

Description :—Design the same as that of B. A. Fahnestock*, of which it is the successor, excepting that the lower left hand label is altered to read “ J. E. SCHWARTZ & CO.”

SEABURY & JOHNSON.

1c. Black, 1c. Lake.

Die approved Dec., 1879.	First issued 1880.
No. of stamps per sheet 112.	Last issued May 1, 1883.
Total No. issued, watermarked paper, 2,938,320.	

Description :—Size of engraving 52 x 15½mm. A pictorial representation of the Biblical story of the good samaritan in an oval disk bordered by a colorless line between two fine, colored ones. From behind this oval, above and below at sides, project the corners of a shaded rectangle outlined by a colorless line. At left is a rectangular tablet with corners cut off obliquely ; this is framed by a colorless line between two fine, colored ones and inscribed “ SEABURY - & - JOHNSON - NEW YORK - & - LONDON.” in six lines of colorless, block capitals upon a shaded ground ; the upper and lower lines are slightly curved. At right, in a similar manner, “ BENSON - CAPCINE - POROUS - PLASTER.” All this is on a ground of horizontal lines. At the left end is a straight, marginal label of color inscribed “ U. S. INT. REV.” in colorless, block capitals ; at right, in a similar manner, “ ONE CENT.” There are circular disks of color in each corner and each bears a colorless numeral of value placed obliquely. The whole is bordered by a colorless line outside of which is a frame of vertical and horizontal lines crossed.

The majority of these stamps are found with the word “ Porous ” blotted out, this being done in some cases by a heavy pen-mark and in others by a die made for the purpose.

The reason for this was that the word was copyrighted by another firm in the same line of business and, after a lawsuit over the matter, the courts decided that the copyright was valid and no one else could use the word in this connection.

The lake stamp is very rare ; it is said that only one sheet was issued in this color, but we have been unable to verify this statement or obtain any facts in relation to it.

*See p. 245.



S. BROWN SIGESMOND.

4c. Blue.

Die approved First issued Oct. 10, 1881.
 No. of stamps per sheet 170. Last issued Sept. 30, 1882.
 Total No. issued, watermarked paper, 20,400.

Description:—Size of engraving 19½ x 26mm. A fancy monogram of the initials "S. B. S." upon a colorless, circular disk bordered by a colorless line between two colored ones. Above, upon a colorless ribbon with scroll and shaded ends, "U. S. INTER. REV." in colored, Roman capitals. Below, in a similar manner, but in small, block capitals, "DR. S. BROWN SIGESMOND." The ground between these ribbons is filled in with elaborate scroll and foliated ornaments. In the corners are colorless numerals of value upon circular disks of color bordered by a colorless and a colored line and between them, at top and bottom, is a straight, marginal label of color inscribed "FOUR CENTS" above and "PROPRIETARY" below in colorless, block capitals. The whole is bordered by an outer line of color.

A. L. SCOVILL & CO.

1c. Black.

Die approved April 23, 1863. First issued Jan., 1864.
 No. of stamps per sheet 136. Last issued, Sept., 1873.
 Total No. issued, old paper, 7,016,444.
 " " " silk " 900,320.

Description:—Size of engraving 33 x 20mm. A colorless horizontal rectangle with truncated corners and bordered by a wide colorless line between two fine lines of color. In the centre of the rectangle is a seated female figure supporting with her left arm, a pole bearing a liberty cap. Above, in an arched line of colored, Roman capitals, "U. S. INTERNAL REVENUE"; below, in a straight line, "PROPRIETARY"; both inscriptions being ornamented with colored dashes and flourishes. There are circular disks, bearing a colorless numeral of value, upon a reticulated ground in the corners and straight, marginal labels at top, bottom, and sides. That at top is inscribed "A. L. SCOVILL & CO."; that at bottom "CINCINNATI." in outlined Roman capitals upon an horizontally lined ground. The side labels contain interior colored labels with rounded ends upon a vertically lined ground; that at left is inscribed "ONE"; that at right "CENT", in colorless, Roman capitals and a fine line of color surrounds the whole.

4c. Green.

Die approved April 23, 1863. First issued Feb., 1864.
 No. of stamps per sheet 136. Last issued Sept., 1873.
 Total No. issued, old paper, 3,884,928.
 " " " silk " 810,676.

Description:—Design the same as the one cent with value altered.



D. H. SEELYE & CO.

8c. Black.

Die approved April 4, 1865.

First issued Oct., 1865.

No. of stamps per sheet 60.

Last issued Jan. 18, 1866.

Total No. issued, old paper, 22,000.

Description :—Size of engraving $75\frac{1}{2} \times 23$ mm. Three-quarters portrait of Dr. Seelye to left upon the hatched ground of an oval disk bordered by a vertically lined band between two colorless lines and an outer frame of two fine, colored lines. This band is inscribed "U. S. INTERNAL REVENUE." above, and "PROPRIETARY." below in colorless, Roman capitals. At left is a colorless label, tapering slightly towards its outer end, which is concaved and terminated by a circular disk of color bearing a colorless numeral of value. Both the label and the circular disk are bordered by a triple-lined frame and a heavy, colorless line and the former is inscribed "DR. D. H. SEELYE & CO." in colored, Roman capitals. The right end is identical with the left excepting that it is inscribed "FREEPORT, ILL." Above and below these end pieces, upon a vertically lined ground, are elaborate foliated ornaments bearing colored labels, placed obliquely at either side of the central disk; the labels at left, both above and below, are inscribed "EIGHT"; those at right "CENTS." in colorless, Roman capitals.

These stamps were never die cut but were severed with scissors and are found both square cut and cut to shape.

M. A. SIMMONS (IUKA, MISS.)

1c. Black.

Die approved Dec. 20, 1875.

First issued Dec., 1875.

No. of stamps per sheet 210.

Last issued Dec., 1879.

Total No. issued, silk paper,	} 356,683.
" " " wmk'd. "	

Description :—Size of engraving $18 \times 22\frac{1}{2}$ mm. Three-quarters portrait of Dr. Simmons to right upon a shaded ground. Above, in an arched label of solid color outlined by a colorless and a colored line, "U. S. INTER. REV.;" below, in two curved labels of solid color, "FAMILY - MEDICINES." At left, in a marginal label of color, "ONE"; at right "CENT". All in colorless, Roman capitals. In two curved lines at the top of the central tablet, "DR. M. A. SIMMONS. - IUKA, MISS." in colored, block capitals. Oval disks in the upper corners contain colorless numerals of value upon a shaded ground; there is a small pearl outside these disks at the corners; foliated ornaments above and at the ends of the upper label and below the ends of the lower one.

This exists on watermarked paper, and is extremely rare so.



M. A. SIMMONS (ST. LOUIS, MO.)

1c. Black.

Die approved Jan. 14, 1879. First issued Jan., 1879.
 No. of stamps per sheet 210. Last issued Nov. 25, 1881.
 Total No. issued, watermarked paper, 115,250.

Description :—Design as above, "IUKA, MISS." altered to "ST. LOUIS, MO."

S. N. SMITH & CO.

Die approved Dec. 4, 1875. First issued Dec., 1875.
 No. of stamps per sheet 48. Last issued March 27, 1883.
 Total No. issued, silk paper, } 308,829.
 " " " wmk'd. " }

Description :—Design the same as that of Oliver Crook & Co.*, of whom this Co. was the successor, with the lower inscription altered to "S. N. SMITH & CO."

H. R. STEVENS.

1c. Brown.

Die approved March, 1879. First issued 1879.
 No. of stamps per sheet 136. Last issued prior to Oct. 1, 1880.
 Total No. issued, watermarked paper, 25,000.

Description :—Size of engraving 20 x 33mm. A large, upright, rectangular tablet, with truncated corners and vertically lined ground, bearing, in the centre, a circular disk with ground of radiating lines accentuated by wedge-shaped points of color and bordered by a colored band between wide, colorless and fine, colored lines. This band is inscribed "U. S. INT. REV." above in colorless, block capitals, and "ONE CENT" below. Crossing all this is a ribbon with scroll ends; this starts in the upper left corner, runs horizontally across the tablet, bends back upon itself, and runs slightly downwards and to the left to the edge of the stamp; here it again folds upon itself and runs diagonally down and to the right, crossing the central disk between the inscriptions, to the lower right corner, where it again folds back and extends horizontally to left, folding again and terminating in crossed points below. This is inscribed in colored, block letters, "PREPARED" at top; "BY" on the next fold; "H. R. STEVENS" on the third; and "BOSTON, MASS." on the lower. There are colorless numerals of value upon the solid ground of circular disks in the corners, and the edges of the stamp are lined so as to appear beveled.

*See pp. 238-239.



2c. Chocolate.

Die approved March, 1879. First issued 1879.
 No. of stamps per sheet 136. Last issued April 4, 1883.
 Total No. issued, watermarked paper, 539,773.

Description :—Design the same as for the one cent with the value altered.

6c. Black.

Die approved Dec. 3, 1877. First issued Jan., 1878.
 No. of stamps per sheet 130. Last issued Nov. 24, 1880.
 Total No. issued, pink paper, } 521,572.
 " " " wmk'd. " }

Description :—Size of engraving 35 x 19½mm. A colorless bottle placed horizontally in a rectangular disk with rounded corners and diagonally lined ground. The bottle is inscribed in three lines, "NATURE'S REMEDY. — VEGETINE — THE GREAT BLOOD PURIFIER." in colored capitals, the upper line being Roman, the centre one large, fancy Roman, and the lower one large and small block type. Above, upon the lined ground, "PREPARED BY"; below "H. R. STEVENS." in outlined, colorless, block capitals. At right, above the neck of the bottle "TRADE"; below it "MARK." in small, outlined block capitals, with a small ornament above and below. At each end are oval disks containing colorless numerals of value upon a ground of solid color outlined by a colorless and a colored line. Above and below are marginal labels whose ends curl around the corners and terminate in a scroll above and below the disk at the ends. That above is inscribed "U. S. INT. REV. SIX CENTS."; that below "BOSTON, MASS." with four shaded pearls at each end. Both inscriptions are in colorless, Roman capitals and there are outer corner ornaments.

JAS. SWAIM.**6c. Orange.**

Die approved Dec. 9, 1862. First issued April, 1863.
 No. of stamps per sheet 16. Last issued Nov., 1863.
 Total No. issued, old paper, 17,953.

Description :—Size of engraving 160 x 82mm. A colorless horizontal oval bordered by a wide, reticulated frame. This oval is inscribed "SWAIM'S" above and "PANACEA." below in a curved line of colored, Roman capitals; between these inscriptions is a fac-simile signature of "JAS. SWAIM" in black. Above and below are curved labels inscribed "PROPRIETARY" in colorless, block capitals. At left, in a curved label of color, "SIX"; at right "CENTS"; both in colorless, block capitals. Extending outwards from these labels are irregularly outlined labels terminating at the outer ends in a circular disk bearing a colorless numeral of value. The label at left is in-



scribed "UNITED STATES"; that at right "INTER. REVENUE", in a straight line of colorless, fancy capitals upon an horizontally lined ground. Above and below these labels is a fancy border consisting of shaded dragons.

But two orders were given for this stamp; that in April, 1863, was for 9,185, and that in Nov. was for 8,768. The stamp is not known uncut.

8c. Orange.

Die approved May 2, 1864.	First issued May, 1864.
No. of stamps per sheet 16.	Last issued
Total No. issued, old paper*.	

Description :—Design the same as for the six cent with value altered.

The collection of Mr. W. C. Van Derlip, of Boston, Mass., contained an uncut specimen of this stamp on *silk paper*. From the fact that Wm. Swaim used this die for several years prior to the introduction of the silk paper, and, also, that this specimen bore an *autographic signature in a bluish ink*, while the fac-simile signatures of the regular stamps were always in *black*, we conclude that its origin was probably due to the fact that a sheet must have been delivered to Wm. Swaim which had not received the second printing, and was, therefore, unsigned. This being noticed it seems likely that Jas. Swaim, or some one for him, signed one or more of them with pen and ink.

This stamp comes both uncut and die cut.

WM. SWAIM.

8c. Orange.

Die approved	First issued
No. of stamps per sheet 16.	Last issued Jan. 29, 1883.
Total No. issued, old paper, 128,805.	
" " " silk	139,477.
" " " wmk'd.	75,553.

Description :—Design the same as for Jas. Swaim, with the fac-simile signature altered to "WM. SWAIM".

This stamp, also, exists uncut and die cut.

There is no record of the date upon which Jas. Swaim's dies and plates were transferred, and altered, to Wm. Swaim. For that reason we have been unable to separate the stamps issued upon *old paper*, and the above figures are the *total number issued from both plates*.

*See Wm. Swaim.



G. W. SWETT.

4c. Black.

Die approved Aug. 21, 1866.

First issued Nov., 1866.

No. of stamps per sheet 52.

Last issued Jan. 8, 1870.

Total No. issued, old paper, 143,625.

Description :—Size of engraving 67 x 26mm. A scene in a pine grove. Above, in two curved lines, "DR. J. W. POLAND'S - WHITE PINE"; and below, "COMPOUND"; the upper line being in colored, block capitals, outlined by a line of color, and the rest in fancy, outlined capitals. There are floral ornaments at each end of these inscriptions above and below. At left, above, "U. S. INTER. REV."; below "FOUR CENTS.", both in arched lines of colored, Roman capitals upon a colorless ground; between the two lines is a colored oval disk, with foliated ornaments at each side, and above and below, bearing a colorless numeral of value. At right, in a similar manner, "DR. G. W. SWETT," above; "BOSTON, MASS." below. The whole is enclosed in a frame of colorless and colored lines in the form of a diamond with blunt ends having truncated corners.

The stamp was cut to shape by a steel die before being used and is unknown uncut.

4c. Green.

First issued 1876.

Last issued prior to Dec. 31, 1879.

Total No. issued, silk paper,	} 5,248.
" " " wmk'd. "	

Description :—Design the same as last.

This stamp was perforated in the shape of an horizontal rectangle, and was afterwards die cut as in the case of the black stamp. Sometimes this cutting removed all of the perforations, but they generally show, or traces of them, on one or more sides.

It exists rectangular, with all perforations, as well as cut.

It is rarely seen on watermarked paper.

GEO. TALCOTT.

2c. Vermilion.

Die approved Dec. 27, 1878.

First issued Jan., 1879.

No. of stamps per sheet 69.

Last issued June 5, 1883.

Total No. issued, watermarked paper, 117,950.

Description :—Size of engraving 89 x 14mm. A colorless circular disk lightly shaded on the edges with fine concentric lines and bordered by a band of solid color between two colorless lines. This band is inscribed "MAGIC" above, and "CURE" below, in colorless, upper and lower case Roman type, the inscriptions being separated at sides by a colorless, six-pointed star.



There are small, colorless ornaments upon a colored ground at each side, above and below. The whole design is framed by a reticulated band divided into nine loops above and below, and the inner portion is divided into five tablets by single loops of the same design placed vertically. This reticulated ground is outlined on both sides by a double-lined frame. The central division of the ground is occupied by the circle and inscribed band as described above; the first division to the left of that is inscribed "GEORGE TALCOTT" in an arched line of colored, upper and lower case block letters above, and "NEW YORK." in a straight line of exteriorly shaded, colorless, block capitals below, separated from that above by a colorless disk upon a ground composed of repetitions of the inscription "FOR CHILLS, FEVER, RHEUMATISM, NEURALGIA, ETC." in horizontal lines of extremely small, colored, outline capitals. The corners of this space are truncated, and, upon solid ground outside, in the upper left is "U", in upper right "S"; in lower left "I", and in lower right "R" in block capitals, with two colorless dots at either side of the letters. To left of this is a fancy, colored monogram of the letters "G. T." upon the same ground.

At right, in a similar manner as in the first division, "THE LITTLE RED BOOK" above in colored upper and lower case block letters, and "MEDICINE." below. In the outer division, in an arched line of colored, block capitals above "U. S. INTER. REV.;" below, "TWO CENTS", with a large, colored and exteriorly shaded numeral of value between them.

4c. Black.

Die approved Feb. 5, 1877.

First issued 1877.

No. of stamps per sheet 69.

Last issued Sept. 1, 1882.

Total No. issued, silk	paper,	} 61,973.
" " " pink	" "	
" " " wmk'd.	" "	

Description :—Design the same as the two cent with value altered.

Mr. Talcott wrote Mr. Carpenter Oct. 21, 1874, asking the cost of a private die, for a 4c. stamp.

TARRANT & CO.

4c. Red.

Die approved April 3, 1872.

First issued May, 1872.

No. of stamps per sheet 170.

Last issued April 2, 1883.

Total No. issued, silk	paper,	1,258,000.
" " " pink	" "	} 1,340,983.
" " " wmk'd.	" "	

Description :—Size of engraving 19½ x 26mm. A mortar and pestle on top of a pile of three books, the backs of which are inscribed "CHEMISTRY - PHARMACY - MAT. MEDICA" in very small, colored, block capitals; the books are on a table, only the top of which shows, in a shaded, circular disk



bordered by a band of heavy vertical shade lines between two colorless lines and inscribed above, "TARRANT & COMPANY." in colorless, Roman capitals, and below "NEW YORK." in colorless, block capitals. There are slightly curved marginal labels of solid color at top and bottom inscribed in two lines of colorless, Roman capitals: "UNITED STATES - INTER. REVENUE" above, and "FOUR CENTS. - PROPRIETARY." below. In the colorless spaces above the ends of the lower label are colored numerals of value and, in a small, colorless scroll label between them, "CORPT. SEAL." in small, colored, block capitals; the spaces above contain diamond shaped ornaments; there is light ornamentation at sides and at the outer corners, with a fine outer line of color at the centre of top and bottom and at sides above and below.

JOHN L. THOMPSON.

1c. Black.

Die approved Nov. 18, 1862.	First issued Jan., 1863.
No. of stamps per sheet 210.	Last issued Jan. 15, 1883.
Total No. issued, old paper, 1,207,500.	
" " " silk " 757,981.	
" " " wmk'd. " 937,692.	

Description :—Size of engraving $19\frac{1}{2} \times 23\frac{1}{2}$ mm. A vertically lined up-right rectangle framed at sides by straight, marginal labels of color inscribed "UNITED STATES" at left and "INTER. REVENUE" at right in colorless, Roman capitals. There are circular disks of solid color bearing colorless numerals of value in the upper corners and, between them, at top, is a straight, short label with rounded ends inscribed "ONE"; below, in a similar label, "CENT" in colorless, Roman capitals. The lined ground in the centre bears an arched, colorless label with rounded ends at top; this is inscribed "DR. ISAAC THOMPSON'S"; below it is an human eye in an oval disk and, below that, are four colorless labels similar to the one above excepting that the third one is horizontal; these are inscribed "EYE WATER. - JOHN L. THOMPSON - 161 - RIVER ST. TROY, N. Y.", in colored, Roman capitals. There is a small floral ornament at each end of the marginal label at bottom and a fine line of color surrounds the whole.

THE UNITED STATES PROPRIETARY MEDICINE CO.

4c. Black.

Die approved Dec. 20, 1866.	First issued May 14, 1867.
No. of stamps per sheet 42.	Last issued July, 1875.
Total No. issued, old paper, 192,968.	
" " " silk " 38,750.	

Description :—Size of engraving $91 \times 18\frac{1}{2}$ mm. A five story building in a central space flanked at either side by a colorless, oval disk with elongated and rounded ends and bordered by a colorless line between two double-lined



frames. Above in the colorless space at left, is a shaded ribbon, scrolled and with notched ends, inscribed "UNITED STATES" in colored, block capitals with a fine outer line of color; below, in three curved lines of colored, Roman capitals ornamented with dashes and flourishes, "PROPRIETARY - MEDICINE CO. - CINCINNATI, OHIO." Between the first and second lines is a shaded oval disk bearing a colorless numeral of value. The space outside of the disk is shaded with vertical lines in sets of two separated by a colorless space; its corners are rounded and it is bordered by a colored line and its edges shaded with fine, colored lines. There are triangular, shaded ornaments in the outer corners. The right end of the stamp is identical with the left excepting that it is inscribed "UNITED STATES - INTERNAL - REVENUE - FOUR CENT STAMP." and the whole is surrounded by a double-lined frame.

This firm was succeeded by F. E. Suire & Co., and they, in turn, by J. S. Burdall & Co. Neither of these firms made any changes in the adhesive stamps.

6c. Black.

Die approved Oct. 15, 1866. First issued April 24, 1867.
 No. of stamps per sheet 42. Last issued June 18, 1868.
 Total No. issued, old paper, 63,622.

Description :—Design the same as for the four cent with the value altered.

This stamp was for use on Roback's Bitters.

S. R. VAN DUZER.

4c. Black.

Die approved Dec. 2, 1868. First issued May, 1869.
 No. of stamps per sheet 72. Last issued prior to Dec. 31, 1879.
 Total No. issued, old paper, 253,250.
 " " " silk " 331,494.
 " " " wmk'd. " 197,836.

Description :—Size of engraving 61 x 22mm. A female figure with long, flowing hair, facing to right upon an oval disk bordered by a fine line of color. Above, upon an arched label of solid color, "MRS. S. A. ALLEN'S" in colorless, Roman capitals; below, in a similar manner but smaller, "HAIR RESTORER." At left is a curved label of color which completely encircles the end of the stamp; this is inscribed "U. S. INTER. REVENUE. FOUR CENTS.;" at right, upon a similar label, "PRIVATE PROPRIETARY STAMP." The spaces around these labels is profusely ornamented with foliation leaving an irregularly shaped tablet in the centre; that at left is inscribed "S. R. VAN DUZER - NEW YORK" upon vertically lined ground; that at right, "PROPRIETOR, - NEW YORK." Below, near the ends, are colorless numerals of value upon the horizontally lined ground of circular disks. There are shields with scroll ornaments at either side, in each corner.



6c. Black.

Die approved Jan., 1880.	First issued Jan., 1880.
No. of stamps per sheet 72.	Last issued May 7, 1888.
Total No. issued, watermarked paper, 174,600.	

Description :—Design the same as for the four cent with the value altered.

A. VOGLER & CO.

1c Black.

Die approved May 22, 1874.	First issued June, 1874.
No. of stamps per sheet 210.	Last issued May 3, 1883.
Total No. issued, silk paper, 6,902,431.	
" " " wmk'd. " 20,459,431.	

Description :—Size of engraving 19 x 23mm. A picture of the Vogler building, in St Louis, upon a circular disk bordered by a band of solid color inscribed "UNITED STATES" above; "INTERNAL REVENUE." at left and bottom; and "PROPRIETARY." at right in colorless, Roman capitals. Above, in an heavily framed label of solid color closely following the outline of the circular band, "CENT" in colorless, Roman capitals. Colorless numerals of value upon oval disks of lined ground in the upper corners and shields in the lower corners. A row of shaded pearls borders the circular band except where it is met by the labels above and below. Foliated ornaments, lined ground and graduated pearls below the lower label complete the design.

The order of Jan. 29, 1878 was filled with 328,347 stamps on pink paper and 118 on "white" paper.

VOGELER, MEYER & CO.

1c. Vermilion.

Die approved Sept. 22, 1877.	First issued 1877.
No. of stamps per sheet 210.	Last issued April 6, 1883.
Total No. issued, pink paper, { 5,044,100.	
" " " wmk'd. " }	

Description :—Size of engraving 18 x 23mm. A bull's head to right in a circular disk bordered by a fine line of color between two wider, colorless lines. Outside of this, surrounding it except at bottom, is a band of solid color inscribed "DR. BULL'S FAMILY MEDICINES." in colorless, Roman capitals; below, in a curved label of color whose central portion forms the frame for the lower part of the circular disk, "VOGELER, MEYER & CO." in colorless, block capitals; below that, in a curved line of colored, Roman capitals upon an horizontally shaded ground, "BALTIMORE.", and, at bottom, in a straight, colorless label with pointed ends, "ONE CENT." in colored block capitals. There are colored numerals of value in the corners and, between,



the upper ones, is a curved, colorless label, inscribed "U. S. INTER. REV." A fine outer line of color borders the horizontally lined ground which completes the design.

J. WALKER.

4c. Black.

Die approved April 15, 1870.	First issued July, 1870.
No. of stamps per sheet 56.	Last issued Feb. 23, 1883.
Total No. issued, old paper, 1,149,024.	
" " " silk " 5,088,677.	
" " " wmk'd. " 492,760.	

Description :—Size of engraving 87 x 19mm. Three-quarters face portrait, presumably of Dr. Walker, to left upon the shaded ground of an upright oval bordered by a double-lined frame. At left is a large, colorless, horizontal oval, also bordered by a double-lined frame, the outer line of which is quite heavy. This is inscribed "DR. J. WALKER'S - CALIFORNIA - VINEGAR - BITTERS, - SAN FRANCISCO - AND NEW YORK." in six lines of Roman capitals, all curved excepting the lower one. The two upper lines are outlined and exteriorly shaded, the balance are colored and rather fancy type.

At right, in a similar oval, is "UNITED STATES - INTERNAL - REVENUE - R. H. McDONALD & CO. - GENERAL AGENTS. - FOUR CENTS.", the style being the same as at left excepting that the fourth and fifth lines are in script letters and, with the sixth, are straight.

The spaces between these ovals and the central disk are horizontally lined and each contains a colorless numeral of value, four in all; there is also slight scroll ornamentation at each side of the central oval; small corner ornaments are added, and the whole is framed by an outer line of color.

This stamp was ordered by and registered in the name of R. H. McDonald, the New York agent of the Co.

H. H. WARNER & CO.

1c. Brown.

Die approved	First issued Sept. 20, 1882.
No. of stamps per sheet 187.	Last issued May 1, 1883.
Total No. issued, watermarked paper, 2,651,810.	

Description :—Size of engraving 19 x 23mm. A shield shaped tablet bordered by an heavily shaded band between two colorless lines. This band has labels of solid color at top and sides, that above inscribed "H. H. W. & CO."; at left "PROPRIETARY", and at right "U. S. INTER. REV." in colorless capitals. Its ground is heavily shaded horizontally by sets of two, fine, colored lines separated by colorless spaces, and, in its centre, is a safe bearing a picture of a native gathering herbs in a desert. It is inscribed "SAFE" above, and "REMEDIES." below in colored capitals upon a colorless



ground. Below, crossing the point of the shield, is an arched label of color inscribed "ONE CENT" in colorless capitals, the two words being separated by a circular disk of color outlined by a colorless line and bearing a colorless numeral of value. All the inscriptions are in Roman capitals excepting the word "SAFE" which is in block letters.

The design is completed by the use of lined ground to form an upright rectangle.

6c. Brown.

Die approved	First issued June 14, 1881.
No. of stamps per sheet 170.	Last issued June 14, 1881.
Total No. issued, watermarked paper, 340,000.	

Description :—Size of engraving 19 x 26mm. The design is the same as for the one cent excepting that it is slightly longer and the value is altered.

2c. Brown.

Die approved	First issued Sept. 30, 1882.
No. of stamps per sheet 80.	Last issued Sept. 21, 1883.
Total No. issued, watermarked paper, 102,000.	

Description :—Size of engraving 88 x 11mm. A safe, its door bearing a picture of a native gathering herbs in a desert, inscribed "SAFE" above and "REMEDIES." below, in colored block letters. This is upon the horizontally lined ground of a central tablet bordered at its ends by a curved label of color between two colorless lines. The label at left is inscribed "PROPRIETARY."; that at right "U. S. INTER. REV." in colorless, block capitals. At right and left is a ground of crossed lines; that at left is inscribed "NOT - GENUINE - IF - STAMP - IS - BROKEN." in six lines, reading vertically, of colorless, Roman capitals, the first being in a curved label of solid color and the rest unenclosed. At right it is inscribed "READ - CAUTION - ON - LABEL." in four lines, the second and third in block capitals and the first enclosed as at left. These tablets are terminated by a curved label of color inscribed "TWO CENTS" in colorless block capitals and the two words are separated by a circular disk bearing a colorless numeral of value.

Outside of these labels is a lined ground, crossed by a colorless vertical label bearing the initials "H. H. W. & CO." in colored, block capitals, and the whole is surrounded by a fine line of color.

4c. Brown.

Die approved	First issued, Sept. 28, 1882.
No. of stamps per sheet 60.	Last issued Sept. 30, 1882.
Total No. issued, watermarked paper, 60,000.	

Description :—Size of engraving 95 x 18mm., otherwise the same as the two cent with the value altered.



6c. Brown.

Die approved First issued Nov. 16, 1881.
 No. of stamps per sheet 60. Last issued May 19, 1883.
 Total No. issued, watermarked paper, 3,260,000.

Description :—Size and design the same as for the four cent with the value altered.

WEEKS & POTTER.

1c. Black.

Die approved Aug. 27, 1877. First issued Sept., 1877.
 No. of stamps per sheet 210. Last issued Mar. 1, 1883.
 Total No. issued, silk paper, 455,555.
 " " " wmk'd. " 2,517,945.

Description :—Size of engraving $22\frac{1}{2}$ x 18mm. An horizontal rectangle, so closely covered with vertical and horizontal lines as to appear to be solid ground, bordered by a colorless line. In the centre is an horizontal row of eight overlapping, colorless, circular disks, the end ones bearing a hand grasping electric flashes and the four central ones crossed by a facsimile signature of "WEEKS & POTTER", below which, upon the two central disks is "PAT. JULY 4, 1871-FEB. 13, 1877." in two lines of colored microscopic upper and lower case type. Above and below upon the ground work are three horizontal rows of twelve small, colorless dots with an extra one above and below each end of the row of circular disks. This is bordered on all sides by straight, marginal labels with reticulated ground; that above is inscribed "WEEKS & POTTER, PROPS."; below "COLLINS VOLTAIC PLASTERS."; at left "U. S. INTER. REV."; and at right "ONE CENT" with a colorless numeral of value before and after it. The inscriptions are in colored, block capitals and the whole is surrounded by a fine line of color.

2c. Black.

Die approved Sept. 3, 1877. First issued Sept., 1877.
 No. of stamps per sheet 156. Last issued Sept., 1877.
 Total No. issued, silk paper, 20,000.

Description :—Size of engraving $27\frac{1}{2}$ x 20mm. A colorless, horizontal label, between two fine lines of color, containing a facsimile signature of "WEEKS & POTTER", above and below which are horizontal rectangles, so heavily lined vertically and horizontally as to appear to be solid color; that above is inscribed "SANFORD'S - STANDARD - REMEDIES."; that below "COLLINS - VOLTAIC - PLASTERS." in three lines of colorless, Roman capitals. There are colorless, marginal labels at sides; that at left inscribed "U. S. INT. REV."; that at right "TWO CENTS" in colored capitals and in each corner, separated from the inscriptions by a line of color, is a colored numeral of value. The whole is bordered by a fine outer line of color.



2c. Red.

First issued 1878. Last issued April 16, 1883.
 Total No. issued, pink paper, }
 " " " wmk'd. " } 1,388,800.

4c. Black.

Die approved Aug. 27, 1877. First issued Sept. 1877.
 No. of stamps per sheet 156. Last issued March 19, 1883.
 Total No. issued, silk paper, }
 " " " pink " } 1,112,400.
 " " " wmk'd. " }

Description :—Design the same as the two cent with the value altered.

WELLS, RICHARDSON & CO.**4c. Black.**

Die approved May, 1880. First issued May, 1880.
 No. of stamps per sheet 161. Last issued March 3, 1883.
 Total No. issued, watermarked paper, 957,675.

Description :—Size of engraving 14 x 29mm. A child riding a dolphin and holding a ribbon, inscribed "TRADE MARK", over its head. This is upon a circular disk bordered by a colorless line between two colored ones. This is converted into a square by the addition of colorless numerals of value upon blocks of color in each corner, the intervening ground being lightly ornamented with scroll work. Above is a panel with lined ground inscribed "U. S. - INTERNAL - REVENUE" in three lines of colorless capitals. At top is another panel inscribed "FOUR CENTS" in two lines of colored capitals upon a colorless ground with small ornaments in the upper corners. Below is a panel of solid color inscribed "KIDNEY-WORT" in two lines of large and small colorless capitals and, below that, a lined tablet, with truncated upper corners, containing small ornaments, inscribed "WELLS - RICHARDSON - & CO." in three lines of colorless capitals. Below this are two straight labels, the upper inscribed "PROPRIETORS" in colorless capitals upon a ground of solid color; the lower "BURLINGTON, VT." in colored capitals upon a colorless ground. All of the inscriptions are in Roman letters and the whole is bordered by a fine line of color.

THE WEST INDIA MANUFACTURING CO.**4c. Black.**

Die approved June 20, 1877. First issued July, 1877.
 No. of stamps per sheet 38. Last issued April 20, 1883.
 Total No. issued, silk paper, }
 " " " pink " } 168,197.
 " " " wmk'd. " }

Description :—Design the same as that of Moody, Michel & Co.* except-

*See p. 285.



ing that the fourth line of the inscriptions in the panels at right and left is altered to read "WEST INDIA MANUFACTURING CO."

EDWARD WILDER.

1c. Green.

Die approved June 28, 1869.	First issued Aug., 1869.
No. of stamps per sheet 70.	Last issued Jan. 28, 1882.]
Total No. issued, old paper, 187,300.	
" " " silk	" 183,686.
" " " wmk'd.	" 94,847.

Description:—Size of engraving 28 x 52mm. The design is an upright oval with the sides projecting a little in the centre. There is a colorless, central space containing a five-story building surmounted by a mortar and pestle over which, in an arched line, is "EDWARD WILDER"; below the ends of this inscription, at each side of the building, is a fancy, colorless, and exteriorly shaded numeral of value, and below that, in two curved lines, "SOLE-PROPRIETOR," at left; and "LOUISVILLE, KY." at right, in colored Roman capitals, all being ornamented with colored dashes. At each side is a curved marginal label of color bordered by colored and colorless lines with a beaded interior frame on the outer edge; that at left is inscribed "U. S. INTER."; that at right "REVENUE" in colorless, Roman capitals. Above, upon a ground shaded with vertical lines and bordered by an heavy foliated frame, the ground terminating in a scroll below, is "CHILL TONIC.-COM. EX. WILD CHERRY.-MOTHERS WORM-SYRUP." in four curved lines of colored, block capitals outlined by a fine line of color. Below, in a similar manner, "STOMACH BITTERS.-SARSAPAEILLA AND-POTASH.-FAMILY PILLS." The upper inscription is reversed, i. e. it is intended to be read when the stamp is upside down. Upon the scrolls which form the upper and lower frames of the central space is "ONE" above and "CENT" below in colored, Roman capitals.

4c. Red.

Die approved May 19, 1869.	First issued Aug., 1869.
No. of stamps per sheet 70.	Last issued Jan. 28, 1882.
Total No. issued, old paper, 192,340.	
" " " silk	" 103,234.
" " " wmk'd.	" 59,525.

Description:—Design the same as for the one cent with value altered and the words "FOUR CENTS" in fancy, Roman capitals.

E. A. WILSON.

12c. Blue.

Die approved Sept. 5, 1871.	First issued Sept. 1871.
No. of stamps per sheet 170.	Last issued Dec. 16, 1882.



Total No. issued, silk paper, 16,173.

“ “ “ wmk'd. “ 5,245.

Description :—Size of engraving 19 x 26mm. An upright oval containing a large colorless figure “ one ” crossed by a slightly smaller figure “ two, ” upon a reticulated ground bordered by a line of color. At top, upon the lined ground of a ribbon label with scrolled ends, “ REV. E. A. WILSON'S ” ; at bottom, in a curved label “ GENERAL AGENT. ” Straight, marginal labels at sides ; that at left inscribed “ U. S. INTER. REV. ” ; that at right “ TWELVE CENTS. ” Between the upper label and the central disk is a shaded scroll bearing a colored label inscribed “ REMEDY ” ; there is a ribbon label in a similar manner below which is inscribed “ WM. J. MINSHULL ”. All of the inscriptions are in colorless, Roman capitals ; there is scroll ornamentation upon a lined ground between the labels and central disk, and the whole is bordered by an outer line of color.

THOS. E. WILSON, M. D.

4c. Black.

Die approved Dec. 24, 1866.

First issued Feb. 19, 1867.

No. of stamps per sheet 98.

Last issued Feb. 19, 1867.

Total No. issued, old paper, 5,250.

Description :—Size of engraving 41 x 24½mm. A colorless label 6½mm. wide extending longitudinally through the centre of the stamp and bordered by a colorless line between two fine lines of color. This contains a facsimile signature of “ THOS. E. WILSON, M. D. ” in color. Above and below is a ground of reticulated lathework ; this is inscribed above “ U. S. INTERNAL REV. ” in a curved line of colorless, exteriorly shaded, Roman capitals ; immediately below this, in a straight line parallel with the central label, is “ FOUR CENTS. ” in slightly smaller letters of the same style. The “ F ” of “ FOUR ” comes just under the “ I ” of “ INTERNAL ” and the “ S ” of “ CENTS ” is below the space between the “ L ” of “ INTERNAL ” and the “ R ” of “ REV-ENUE ”. At the bottom, in a similar manner and style of lettering, “ LOUISVILLE, KY. ” in a straight line, with “ PROPRIETARY. ” in a curved line below it. The “ L ” of “ LOUISVILLE ” is over the first “ R ” of “ PROPRIETARY ” and the “ Y ” of “ KY. ” is above the right side of the last “ R ” of “ PROPRIETARY ”. There are small, irregularly shaped disks of solid color in each corner containing a colorless numeral of value placed obliquely. These disks are separated from the reticulated groundwork of the stamp by rather fancy, colorless ornaments, interiorly outlined with colored lines, which terminate in small pearls at the ends of the central label at sides and about 9mm. from the corners at top ; here, *i. e.* at top and bottom, they meet similar pearls which form the ends of a straight, colorless frame of similar character at top and bottom and there is an extra pearl between and just above, or below, them. There is also an outer line of color at the ends of the stamp.

This, as is well known, is the rarest of all the Private Die stamps which were ever issued. But one copy, and that imperfect, is known to exist. It



is in the collection of Mr. W. C. Van Derlip, to whose matchless collection we have already had occasion to refer several times.

The only explanation of its great rarity which bears any semblance of truth is: that Dr. Wilson had a partner in business and, when these stamps were ordered he was not consulted about them. Upon their reception he became very angry because his name, or that of the firm, did not appear upon the stamps; hot words followed and, finally, in the heat of passion, he snatched the stamps, which Dr. Wilson had in his hands, and threw them into the fire; thus destroying all but a few which the Doctor retained in his hand.

This story has been very well vouched for by several of the older collectors but it is, at this late date, impossible to verify it. At all events, but the one lot of stamps was ever ordered.

The specimen referred to above had been used and came to Mr. Van Derlip direct from the gentleman who found it, in some western town, still upon a large portion of the wrapper.

WORLD'S DISPENSARY ASSOCIATION.

1c. Green.

Die approved March 19, 1879.	First issued 1879.
No. of stamps per sheet 112.	Last issued June 5, 1883.
Total No. issued, watermarked paper, 1,506,624.	

Description :—Design the same as for the one cent R. V. Pierce,* with the lower inscription altered to "WORLD'S DISPENSARY - MEDICAL ASSOCN. - BUFFALO, - N. Y." in small, colored Roman capitals ornamented with colored dashes.

2c. Black.

Die approved March 9, 1879.	First issued March, 1879.
No. of stamps per sheet 56.	Last issued June 5, 1883.
Total No. issued, watermarked paper, 3,121,970.	

Description :—Design the same as for the two cent R. V. Pierce with the lower inscription altered as in the one cent.

WRIGHT'S INDIAN VEGETABLE PILLS.

1c. Green.

Die approved Jan. 10, 1863.	First issued Feb., 1863.
No. of stamps per sheet 210.	Last issued prior to Oct. 1, 1880.
Total No. issued, old paper, 12,549,250.	
" " " silk "	8,106,330.
" " " pink "	} 3,501,630.
" " " wmk'd. "	

Description :—Size of engraving 19½ x 23mm. Three-quarters portrait to left upon the lined ground of an oval disk bordered by a colorless line. Outside of this, upon a vertically lined ground, is "WRIGHT'S INDIAN VEGE-

*See p. 289.



TABLE PILLS." in colorless, block capitals which, with the addition of "U. S. INTER. REV." below, forms a circle completely surrounding the central disk. Below is a straight, marginal label of color inscribed "ONE CENT" in colorless, block capitals and, at each end of this label is a ground of solid color with three, colorless, horizontal lines, above which are circular disks of solid color bearing colorless numerals of value and, above them, are triangular ornaments, the space containing all this being separated from the lined ground by a colorless, curved line running from the sides to the top of the lower label. There are elaborate foliated ornaments in the upper corners; the lined ground forms a scroll ornament at top, and the whole is bordered by an outer line of color.

These stamps were ordered by E. Ferret, Agent, New York.

J. H. ZEILIN & CO.

2c. Green.

Die approved Jan. 19, 1871.	First issued Feb., 1871.
No. of stamps per sheet 210.	Last issued May 15, 1883.
Total No. issued, old paper,	192,885.
" " " silk "	1,660,727.
" " " " "	357,000, perforated.
" " " pink "	} 2,684,172.
" " " wmk'd. "	

Description:—Size of engraving 19 x 23mm. A large mortar and pestle upon the hatched ground of an upright rectangle. This is crossed by a large, shaded ribbon in the form of a "z," its upper end curling around an upright in the upper left corner and its lower end around a graduated medicine glass in the lower right corner. The ribbon is inscribed "PUR-ISSIMA" at top; "ET" upon a shaded octagonal disk in the centre, and "OPTIMA." below, in colored, Roman capitals. On the top of the mortar is "J. H. ZEILIN & CO." and at the bottom "PROPRIETORS." in colored, block letters. Closely following the outline of the downward sweep of the ribbon are two colored labels; one to left, and above, inscribed "U. S. INTER."; the other, below it and to right "REVENUE", in colorless, Roman capitals. There is a colorless numeral of value at left above this label, and the central stroke of the "z" is inscribed "TWO CENTS" in colored, block letters, the words being separated by the disk inscribed "ET".

The perforated stamps were prepared by mistake, as the following letter to Mr. Carpenter, under date of July 24, 1874, shows:

"Although the *gum* and *perforated* stamps can be used only at a disadvantage to us, yet, as you have had so large a quantity as 1700 sheets so printed, rather than that you should be put to the loss of destroying them we will accept such stamps from the government on our orders. Please let it be understood by those manufacturing our stamps that we will require (after using up these 1700 sheets) stamps without gum and without perforation."

2c. Red.

First issued 1876.	Last issued 1876.
Total No. issued, silk paper, 34,638.	



PERFUMERY STAMPS.

X. BAZIN.

2c. Blue.

Die approved Oct. 2, 1862.

No. of stamps per sheet 60.

None were ever issued.

Description :—Size of engraving 87 x 17½mm. A female figure, with that of a child, reclining upon a bed of flowers and holding a spray in her left hand while the child is waving a scroll. This is upon an irregularly shaped horizontal tablet bordered by an ornamental frame. Above, in a curved, marginal label "U. S. INTER. REVENUE" in colorless, Roman capitals upon ground of closely laid horizontal lines. Below, in a similar label and style, "PROPRIETARY." At each end of this lower label is an ovate tablet bearing a colorless numeral of value upon a horizontally lined ground. At left, reading vertically, upon a label of solid color "TWO" in colorless, block capitals. At right, in a similar manner, "CENTS". At left of this, upon a colorless, horizontal label, "X. BAZIN" in colored, block capitals, each letter being outlined by an extra line of color. At right, in the same manner, "PHILADELPHIA" in smaller letters. These labels are finished off at their outer ends with a graceful foliated ornament (which, together with the labels themselves, are upon a ground of vertical lines which tapers towards the outer ends, which are rounded), and is bordered by a double-lined frame with foliations above and below and scrolls at the ends. Outside of this are very ornate foliated ornaments ending in almost a point.

This stamp, although one of the first to be ordered was *never issued*, and therefore, not a specimen was ever used. It is more properly referable to the class of proofs and essays than to a regularly issued stamp.

The following correspondence relative to it, and the two other values which, while never listed in the catalogues, occupy exactly the same position as does this, will prove interesting in this connection.

The first letter, dated Jan. 19, 1863, from Butler & Carpenter to Mr. Bazin is as follows: "Yr. plates are now ready. Be pleased to designate in what colors and quantities you wish them printed. Inform us also whether they are to be gummed and perforated."

We have been unable to find any reply to the above, but on Dec. 7, 1863, Butler & Carpenter write again to Mr. Bazin, stating that in accordance with his orders "we printed in the designated and approved colors the various denominations, 1, 2, & 3 cts." and state further that as none have ever been ordered they wish to be informed whether he intends to use the stamps or not.

Nothing further is heard of these stamps until March 21, 1864, when Butler & Carpenter write to James J. Lewis, Bureau of Int. Rev. as follows:



"We desire to draw the attention of the Dep't. to the fact that, in accordance with the instructions of X. Bazin Esq., of this city, we engraved for him three private plates, and printed therefrom in colors approved by him, the following am'ts. of perfectly prepared stamps, viz :

422,400	stamps of 1 cent
81,360	" " 2 cents
125,040	" " 3 "

Total Amt. 628,800 " *which have been in hand since March 1863* (one year ago) as Mr. Bazin has *never made an order on the Dep't. for any of them.* Would it not be well to enquire why Mr. Bazin does not use his stamps?"

The whole lot of stamps, according to the records, were declared obsolete and destroyed in 1867.

It will be noted that there were considerably less printed of the two cent value than either of the others and *why and how* any of them should have gotten out is a question which we are unable to answer.

To the best of our knowledge *none of either the one or three cent stamps are known* and we are unable to even state the colors in which they were printed.

Mr. Bazin continued in business for many years as is evidenced by specimens of the regular proprietary stamps, even of the 1871 issue, which are found cancelled with a large "X. B." in various styles.

After the above statement of the facts we feel that our readers will agree with us that this stamp should be dropped from the catalogues.

CORNING & TAPPAN.

1c. Black, 1c. Blue.

Die approved July, 1878.	First issued 1878.
No. of stamps per sheet 252.	Last issued Feb. 15, 1883.
Total No. issued, watermarked paper, imperforate, }	4,286,360.
" " " " " perforated, }	

Description :—A circular stamp 18½mm in diameter. In the centre is a cupid standing upon a table and spraying a young lady, presumably with perfume, from an atomizer. Below, in a curved label of solid color outlined by a colorless and a fine colored line, is "CORNING & TAPPAN" in colorless block capitals, this is bordered by a circular band, with a ground of horizontal shade lines, between two colorless lines and a fine outer line of color. The band is inscribed "U. S. INT. REV." above, and "ONE CENT" below in colorless, Roman capitals. In each side is a colorless numeral of value upon a disk of solid color in the shape of an upright rectangle with pointed top and bottom and there is a colorless ornament upon the shaded band above and below.

The stamp is also found cut round with the name of the firm blotted out by a heavy pen stroke.

Unfortunately we have not been able to separate the blue from the black stamps, nor the imperforate from the perforated ones.



FETRIDGE & CO.

2c. Vermilion.

Die approved Oct. 26, 1863.

First issued April, 1864.

No. of stamps per sheet 48.

Last issued Oct. 22, 1864.

Total No. issued, old paper, 15,750.

Description :—Size of engraving 89 x 22mm. A bunch of flowers upon the horizontally lined ground of a circular disk bordered by a colored band between colorless and colored lines. This band is inscribed "U. STATES INTER. REVENUE" above, and "PROPRIETARY" below in colorless, block capitals. There is a colorless dot before and after "PROPRIETARY." At left is a label, curved to follow the outline of the central disk, inscribed "TWO" in colorless, Roman capitals upon a shaded ground, at right in a similar manner, "CENTS." At right and left of these labels are colorless oval disks, that at left inscribed "BALM OF - 1000 - FLOWERS" in colored, Roman capitals, that at right "FETRIDGE - & CO. - NEW YORK." These ovals are upon vertically lined ground and beyond them are colorless numerals of value upon oval disks of solid color outlined by a colorless and a colored line. The stamp terminates in heavy scroll ornaments at the ends; there are more of them at each side of the central disk above and below, and they are connected with those at the ends by a double-lined frame.

The so-called "variety" of this stamp consists solely of differences in the shape of the ends as cut by the die; these are sometimes rounded, sometimes pointed, and again almost square. We do not know *which* is the "variety", but neither are worthy of listing. *But one printing was ever made.*

E. W. HOYT & CO.

1c. Black.

Die approved May 24, 1877.

First issued 1877.

No. of stamps per sheet 60.

Last issued Aug. 14, 1882.

Total No. issued, silk paper,	} 8,337,840.
" " " pink "	
" " " wmk'd. "	

Description :—Size of engraving 91 x 21mm. The general shape is that of a diamond with rounded ends. In the centre is a fancy monogram of the letters "H. & CO.", upon the horizontally lined ground of a circular disk surrounded by a colorless band with a lined ornament of a Greek pattern. At right and left are colorless spaces bordered with a similarly ornamented frame, and the outer ends containing a colorless numeral of value, placed sideways, upon a vertically lined ground. At left, in a slightly curved line reading upwards is "U. S. INTER. REV." in colored, block capitals, while the rest of the colorless ground is inscribed "E. W. HOYT & CO. - FRAGRANT, - ONE CENT." in three lines of colored and shaded block capitals, the central line being large, the others small. At right, in the same manner, "PROPRIETARY." reading downwards, and "LOWELL, MASS. - LASTING. - ONE CENT." Both inscriptions are ornamented by colored dashes.



2c. Black.

Die approved First issued Nov. 20, 1880.
 No. of stamps per sheet 42. Last issued Feb. 27, 1883.
 Total No. issued, watermarked paper, 160,000.

Description :—Size of engraving 115 x 25mm, otherwise the same as the one cent with the value altered.

4c. Black.

Die approved May 24, 1877. First issued 1877.
 No. of stamps per sheet 36. Last issued Feb. 20, 1883.
 Total No. issued, silk paper }
 " " " pink " } 483,440.
 " " " wmk'd. " }

Description :—Size of engraving 125 x 28mm, otherwise the same as the one cent with the value altered.

KIDDER & LAIRD.**1c. Vermilion.**

Die approved Sept., 1880. First issued June 14, 1881.
 No. of stamps per sheet 210. Last issued March 2, 1883.
 Total No. issued, watermarked paper, 1,102,500.

Description :—Size of engraving $22\frac{1}{2}$ x $17\frac{1}{2}$ mm. A star and crescent upon the shaded ground of an horizontal oval bordered by a ribbon, colorless except at bottom where it is shaded, buckled in the centre below, and inscribed in colored, Roman capitals above, "KIDDER & LAIRD." This is upon an horizontal rectangle with rounded upper corners and shaded ground which is bordered by a band of solid color between two colorless lines, and this band is inscribed "U. S. INTERNAL REV." above, the inscription extending slightly down the sides, and "ONE CENT" below in colorless capitals. There are colorless numerals of value placed obliquely upon shield shaped disks in the lower corners; scroll ornaments fill in the corners above and extend along the top; the sides and bottom are framed by a shaded band with a fine, outer line of color which has a slight concavity containing a colored dot at each side, and at bottom there are five colorless dots upon a solid ground dropped a little below the level of the shaded band.

2c. Vermilion.

Die approved Oct., 1880. First issued Jan. 14, 1881.
 No. of stamps per sheet 210. Last issued April 5, 1883.
 Total No. issued, watermarked paper, 361,200.

Description :—Design the same as for the one cent with the value altered.



GEO. W. LAIRD.

3c. Black.

Die approved Oct. 4, 1870.	First issued Oct., 1870.
No. of stamps per sheet 20.	Last issued Feb. 8, 1883.
Total No. issued, old paper,	20,000.
“ “ “ “ “	59,760, perforated.
“ “ “ silk “	325,867.
“ “ “ pink “	5,048.
“ “ “ wmk'd. “	294,460.

Description :—Size of engraving 52 x 87mm. In the centre is a female portrait to left upon a shaded oval bordered by an horizontally shaded band, and the whole enclosed by a rectangular frame with rounded corners. Each of the four sides of this frame contains a colorless label with rounded ends surmounted by a colorless globule. That above is inscribed “THREE CENTS”; that below “GEO. W. LAIRD”; at left “U. S. INTERNAL REVENUE”, and at right “PROPRIETARY STAMP” in colored, block capitals. The triangular spaces between the oval and the corners of the frame contain colorless numerals of value upon reticulated ground, and the corners of the frame contain small ornaments. At the top is “LAIRD’S” in large, colored and exteriorly shaded Roman capitals; just below “BLOOM OF YOUTH” in a curved line of shaded, Roman capitals; at left, in two lines, “OR—LIQUID”, at right “PEARL—FOR”; the “OR” and “FOR” being in lower case Roman and the others in block capitals. Below, in nine lines of upper and lower case Roman and block letters is “BEAUTIFYING & PRESERVING THE COMPLEXION & SKIN.—PREPARED BY—GEORGE W. LAIRD.—BEWARE OF COUNTERFEITS.—SEE THAT THE NAME (G. W. LAIRD) IS STAMPED—IN THE GLASS ON THE BACK OF THE—BOTTLE, NO OTHER IS GENUINE.—PRICE 75 CENTS.” All these inscriptions are upon colorless ground profusely ornamented with colored dashes and flourishes and enclosed in an elaborate frame of scroll work terminating in shields in the lower corners; this, in turn, is enclosed in a double-lined frame; the inner line being heavy and the outer fine. Below the frame, in two lines of upper and lower case italics, is “Entered according to Act of Congress, in the year 1870, by George W. Laird, in the office of the—Librarian of Congress at Washington.” The measurements given above include this last inscription.

The stamps on pink paper were all issued on Aug. 6, 1878.

LANMAN & KEMP.

1c. Black.

Die approved March 17, 1874.	First issued March, 1874.
No. of stamps per sheet 210.	Last issued June 5, 1883.
Total No. issued, silk paper,	1,732,040.
“ “ “ pink “	} 2,813,190.
“ “ “ wmk'd. “	

Description :—Size of engraving 19 x 23mm. A phoenix rising from



the flames, "PROPRIETARY." in a curved line above and "NEW YORK." below, in colored, Roman capitals upon a colorless central tablet bordered by labels of solid color between colorless and colored lines. The upper label, which is arched, is inscribed "LANMAN & KEMP"; the lower, which is also slightly arched, "U. S. INTER. REV.;" the left "ONE"; and the right "CENT", in colorless, Roman capitals. Above, upon shaded disks in the corners, are colorless numerals of value, and between the disks is a scroll ornament. There is a small, shaded pearl at each of the upper corners; a shaded rectangular block at the lower ends of the side labels, and small triangular ornaments below the ends of the lower label.

2c. Brown.

Die approved Aug. 9, 1877.	First issued 1877.
No. of stamps per sheet 210.	Last issued Jan. 26, 1881.
Total No. issued, silk paper, } 628,600.	
" " " wmk'd. " }	

Description :—Design the same as for the one cent with the value altered.

3c. Green.

Die approved March 17, 1874.	First issued March, 1874.
No. of stamps per sheet 210.	Last issued Jan. 11, 1883.
Total No. issued, silk paper, 290,660.	
" " " wmk'd. " 575,238.	

Description :—Design the same as for the one cent with the value altered.

TETLOW'S PERFUMERY.

1c. Vermilion.

Die approved	First issued Jan. 26, 1881.
No. of stamps per sheet 210.	Last issued Feb. 17, 1883.
Total No. issued, watermarked paper, 3,636,150.	

Description :—Size of engraving 19 x 23mm. A bunch of flowers upon the horizontally lined ground of a circular disk bordered by a colorless band between two colored lines and inscribed "TETLOW'S" above and "PERFUMERY." below in large, colored Roman capitals. Colorless numerals of value upon circular disks of solid color in each corner and between them, above and below, are straight, marginal labels of color, that above inscribed "ONE CENT"; that below "U. S. INTER. REV." in colorless, Roman capitals. The space between the central disk and the upper and lower labels is vertically lined and the whole is surrounded by a fine, outer line of color.



C. B. WOODWORTH & SON.

1c. Green.

Die approved March 21, 1872.	First issued March, 1872.
No. of stamps per sheet 210.	Last issued March 10, 1888.
Total No. issued, silk paper,	2,552,000.
“ “ “ pink “	} 4,453,703.
“ “ “ wmk'd. “	

Description:—Size of engraving 19 x 22mm. Three-quarters portrait of Mr. Woodworth to right, above it, in a semi-circular line, “C. B. WOODWORTH & SON.”; below in a curved line, “ROCHESTER, N. Y.”; the upper inscription is in colored, Roman capitals and the lower in colored, block capitals. All this is upon a colorless central ground bordered by a fine colored line. Straight marginal labels of color at top and bottom; that at top inscribed “U. S. INTER. REV.”; that at bottom “PROPRIETARY”. Between these labels and the central tablet are triangular corner pieces containing colorless numerals of value upon a shaded ground. The ends of these triangles are connected at sides by straight, marginal labels of color with pointed ends, that at left inscribed “ONE”; that at right “CENT”. All these inscriptions are in colorless, Roman capitals and a fine line of color borders the whole design.

This stamp does not exist on old paper.

2c. Blue.

Die approved Oct. 18, 1877.	First issued 1877.
No. of stamps per sheet 210.	Last issued Feb. 7, 1883.
Total No. issued, silk paper,	} 285,110.
“ “ “ pink “	
“ “ “ wmk'd. “	

Description:—Design the same as for the one cent with value altered.

We have seen two undoubted specimens of this stamp on pink paper and, in a letter addressed to Mr. Toppan by Mr. Geo. T. Loomis, under date of Attica, N. Y., Feb. 29, 1898, is the following paragraph: “I also have No. 3470* pink paper which Mr. Woodworth himself says is O. K. I also know of another copy.”

R. & G. A. WRIGHT.

1c. Blue.

Die approved March 31, 1866.	First issued May, 1866.
No. of stamps per sheet 210.	Last issued prior to Oct. 1, 1880.
Total No. issued, old paper,	1,445,928.
“ “ “ silk “	632,512.
“ “ “ wmk'd. “	12,600.

Description:—Size of engraving 23 x 19mm. The Arms of the State of

*58th edition of the Standard catalogue number for this stamp.



Pennsylvania with "ONE" above and "CENT" below in colored, Roman capitals upon a colorless oval bordered by a colored and a colorless line. There are straight, marginal labels of solid color upon all sides, that above is inscribed "R. & G. A. WRIGHT."; that at bottom "PHILADELPHIA."; at left "U. S. INTER. REV.", and at right "PROPRIETARY." in colorless, Roman capitals, and there are small colorless ornaments in the corners. Between these labels and the central disk are colorless numerals of value upon circular disks of solid color flanked by foliated ornamentation and the whole is surrounded by a fine outer line of color.

2c. Black.

Die approved March 31, 1866.	First issued July, 1866.
No. of stamps per sheet 210.	Last issued prior to Oct. 1, 1880.
Total No. issued, old paper,	420,005.
" " " silk	" 125,001.
" " " wmk'd.	" 9,000.

Description :—Design the same as for the one cent with the value altered.

3c. Lake.

Die approved March 31, 1866.	First issued July, 1866.
No. of stamps per sheet 210.	Last issued prior to Oct. 1, 1880.
Total No. issued, old paper,	164,353.
" " " silk	" 43,662.
" " " wmk'd.	" 5,000.

Description :—Design the same as for the one cent with value altered.

4c. Green.

Die approved March 31, 1866.	First issued July, 1866.
No. of stamps per sheet 210.	Last issued prior to Oct. 1, 1880.
Total No. issued, old paper,	94,275.
" " " silk	" 26,500.
" " " wmk'd."	" 3,750.

Description :—Design the same as for the one cent with value altered.

YOUNG, LADD & COFFIN.

1c. Green.

Die approved Sept. 22, 1877.	First issued 1877.
No. of stamps per sheet 252.	Last issued March 3, 1883.
Total No. issued, silk paper,	imperforate,
" " " " "	perforated,
" " " pink	imperforate,
" " " " "	perforated,
" " " wmk'd.	imperforate,
" " " " "	perforated,

} 831,034.

Description :—Size of engraving $15\frac{1}{2} \times 22$ mm. A cologne bottle stopper



upon a colored, central disk bordered by a colorless and a colored line and outlined interiorly by a row of colorless dots upon the solid ground. Above, in an arched line "LUNDBORG'S"; below "PERFUMERY." in colored, single line capitals upon the colorless ground of an upright oval bordered by a band of solid color between colorless and colored lines. This band is inscribed "YOUNG, LADD & COFFIN" above, and "U. S. INT. REV. ONE CENT." below, in colorless, Roman capitals. At each side, upon a shaded cylinder through which the inscribed band runs, is a fancy numeral of value; there are foliated corner pieces surmounted by a large and a small shaded globe and, between them, at top and bottom, a slight vertically shaded ground.

2c. Blue.

Die approved Oct. 6, 1877.

First issued 1877.

No. of stamps per sheet 252.

Last issued Dec. 29, 1882.

Total No. issued, silk	paper, perforated,	} 510,215.
" " " pink	" imperforate,	
" " " "	" perforated,	
" " " wmk'd.	" imperforate,	
" " " "	" perforated,	

Description :—Design the same as for the one cent with the value altered.

3c. Vermilion.

Die approved Oct. 6, 1877.

First issued 1877.

No. of stamps per sheet 252.

Last issued Dec. 29, 1882.

Total No. issued, silk	paper, perforated,	} 686,844.
" " " pink	" imperforate,	
" " " "	" perforated,	
" " " wmk'd.	" imperforate,	
" " " "	" perforated,	

Description :—Design the same as for the one cent with the value altered.

4c. Brown.

Die approved Oct. 6, 1877.

First issued 1877.

No. of stamps per sheet 252.

Last issued March 3, 1883.

Total No. issued, silk	paper, perforated,	} 485,941.
" " " pink	" imperforate,	
" " " "	" perforated,	
" " " wmk'd.	" imperforate,	
" " " "	" perforated,	

Description :—Design the same as for the one cent with the value altered.



PLAYING CARDS.

CATERSON, BROTZ & CO.

5c. Brown.

Die approved Dec., 1882.	First issued } None were
No. of stamps per sheet	Last issued } ever issued.
Total No. issued, watermarked paper, 0.	

Description :—Size of engraving $18\frac{1}{2} \times 25\frac{1}{2}$ mm. An irregularly shaped colorless central tablet, outlined in color and bearing what is evidently intended for an ace of hearts. This is heavily outlined with color and contains upon its colorless centre a monogram of the letters "C. B. & CO." Outside of all this is an horizontally lined ground, its general shape being that of an upright rectangle; the lower corners, however, are rounded, the rounded effect being heightened by notches above and at the sides. The upper corners are also fanciful, but the projections are square instead of rounded; there is a notch above, exactly in the centre, and two more at each side.

Upon this lined ground, above, is an arched label of solid color inscribed "CATERSON, BROTZ & CO." Below this, its base resting upon the top of the central tablet is a colorless crown on each side of which is a colorless, circular disk containing a colored numeral of value.

Below, also in an arched label of color, is "U. S. INTER. REV." and, in a straight colorless marginal label at the bottom: "PHILADELPHIA."

The lower corners each contain a large, colored numeral of value. At the left side, reading vertically, is "FIVE"; at right "CENTS", in small, colored letters, all unenclosed. All of the inscriptions are in block capitals. The whole is outlined by a broad, colorless line between two colored ones, the outer of which is quite heavy.

This stamp was never used; not even issued for use, and has no place in a catalogue.

But two specimens are known, one in the collection of Mr. H. E. Deats, of Flemington, N. J., and the other in that of Mr. Clarence H. Eagle, of New York. The history of these stamps, so far as we have been able to ascertain it, is that they were ordered just before the final repeal of the law imposing stamp taxes on cards and other proprietary articles; the plates were prepared and a supply of the stamps printed therefrom, but, before any could be issued the Act repealing the taxes had become effective and the stamps were, therefore, valueless.

At the time when the balances of all the obsolete revenue stamps were destroyed it occurred to the gentleman who was superintending the burning of them that he would save one of each kind, which he did. This accounts for one of the specimens above mentioned and, for several years, that copy



was supposed to be the only specimen in existence. It seems, however, that the young lady who verified the count of all these stamps before they were destroyed had, like the gentleman who burned them, *saved one of each variety*. This accounts for the second copy and, as neither party knew that the other had saved one, each believed that their copy was unique, and gave an affidavit to that effect.

The records show that 25,500 of these stamps were *ordered* on Dec. 4, 1882, but they were not prepared in time to be issued.

A. DOUGHERTY.

2c. Orange.

Die approved April 20, 1865.

First issued May, 1865.

No. of stamps per sheet 170.

Last issued July 17, 1866.

Total No. issued, old paper, 800,500.

Description :—Size of engraving 20 x 26mm. A shaded ace of clubs with an interior colorless ornament upon the colorless ground of a circular disk with scalloped edge bordered by a colored and a colorless line outside of which is a band of solid color inscribed "A. DOUGHERTY" above and "U. S. INTER. REV." below in colorless capitals, Roman above, block below; the inscriptions being separated by a small, colorless, Maltese cross. This is surrounded by lined ground and, at left, in a colorless, curved label, is "TWO"; at right, in a similar manner, "CENTS." in colored, block capitals. Below, in a colorless, slightly curved ribbon, "MANUFACTURER"; and at bottom, upon a vertically lined oval disk with a foliated frame, is a straight, colorless label inscribed "NEW YORK"; both of these last inscriptions are in colored, block capitals. In each corner are colorless numerals of value; those above upon spade shaped disks; those below upon ovate ones, both of color with scroll frames and with ornamental scrolls at sides between them and the labels. At top is an eagle whose outstretched wings extend to the edge of the design above the numeral disks and between the wings, in a slightly arched line, are seven small, outlined five-pointed stars upon a ground of radiated lines.

4c. Black.

Die approved Oct. 18, 1864.

First issued Dec., 1864.

No. of stamps per sheet 170.

Last issued Sept. 11, 1866.

Total No. issued, old paper, 515,250.

Description :—Design the same as for the two cent with value altered and numerals in upper corners upon a spade instead of a club.

5c. Blue.

Die approved Aug. 21, 1866.

First issued Aug., 1866.

No. of stamps per sheet 170.

Last issued 1877.

Total No. issued, old paper, 4,631,985.

" " " silk " 7,638,947.

" " " pink " 179,496.

Description :—Design the same as for the two cent with value altered.



5c. Blue.

Die approved Jan. 16, 1878. First issued 1878.
 No. of stamps per sheet 210. Last issued Feb. 15, 1883.
 Total No. issued, watermarked paper, 7,980,983.

Description :—Size of engraving 18 x 23mm; otherwise the design is identical with the last.

10c. Blue.

Die approved Oct. 18, 1864, First issued Dec., 1864.
 No. of stamps per sheet 170. Last issued May 2, 1866.
 Total No. issued, old paper, 442,700.

Description :—Design the same as the two cent with the value altered and the numerals of value in the upper corners, which are on diamond shaped tablets, in Roman numerals.

EAGLE CARD CO.**5c. Black.**

Die approved Dec., 1879. First issued 1880.
 No. of stamps per sheet 210. Last issued Feb. 6, 1883.
 Total No. issued, watermarked paper, 1,800,900.

Description :—Size of engraving 22½ x 18mm. An horizontal rectangle with notched and rounded corners and beveled edges upon a rectangular ground of diagonal shade lines with small triangles of color in each corner. In the centre facing to left, is an eagle with spread wings, poised upon an United States shield and holding an olive branch in its claws. Above, upon the central tablet, is a straight label with pointed ends inscribed "EAGLE CARD CO." in colorless, block capitals upon a ground of solid color; just beneath this, unenclosed, is "NEW YORK." Below, in the centre, is a colored numeral of value upon a colorless shield and at each side of it are curved, colorless labels, that at left inscribed "U. S. INT. REV.;" that at right "FIVE CENTS". These inscriptions are in colored, single line capitals.

CHAS. GOODALL.**5c. Black.**

Die approved Oct. 4, 1870. First issued Nov., 1870.
 No. of stamps per sheet 169. Last issued Aug., 1875.
 Total No. issued, old paper, 56,100.
 " " " silk " 1,099,100.

Description :—Size of engraving 20 x 26mm. An upright oval disk, heavily lined horizontally, bordered by a colorless band between colored and colorless lines. This is crossed by four cards, extending diagonally from corner to corner, with a fifth superimposed upon them in the centre. This



central card is the ace of spades, the spade bearing a large, fancy and colorless "M" with a small "v" between the central and left stroke and an "E" in a similar fashion at right. The upper, right hand card is a king of clubs; the lower left a knave of spades, while the other two are blank; both, inscribed, in three lines of colored, block capitals, "LONDON-GOODALL-NEW YORK", with a small colored ornament in the outer end. On the lined ground of the central oval between these cards are colorless numerals of value above and below; "U" at left and "S" at right in fancy, colorless capitals. The colorless band is inscribed "FIVE" above; "CTS" below; "INTERNAL" at left; and "REVENUE" at right in fancy, colored capitals. Outside of this band, in each corner, is an horizontally lined ground bearing vertically lined triangular ornaments and the whole is bordered by a frame of two colored lines, the inner one heavy and the outer one fine.

SAMUEL HART & CO.

5c. Black.

Die approved Aug. 14, 1866.

First issued Sept., 1866.

No. of stamps per sheet 170.

Last issued 1877.

Total No. issued, old paper, 3,613,000.

" " " silk " 4,516,053.

Description:—Size of engraving 26 x 19½mm. An horizontal oval bordered by a row of colorless triangles and colored and colorless lines. This is inscribed, in seven lines of colorless capitals upon a reticulated ground, "INTER. REV. - SAMUEL HART & CO. - PLAYING - CARD - MANUFACTURERS, - PHILA. & NEW YORK - FIVE CENTS."

There are colorless numerals of value upon horizontally lined ground in the lower corners; a colorless "U" in the upper left corner, and an "S" in the upper right one. These corners have a heavy colorless frame ending in balls at the outer edges, and the whole is bordered by a double-lined frame.

LAWRENCE & COHEN.

2c. Blue.

Die approved May 2, 1865.

First issued July, 1865.

No. of stamps per sheet 144.

Last issued July 24, 1866.

Total No. issued, old paper, 1,149,750.

Description:—Size of engraving 21½ x 28½mm. In the centre is a knave of clubs upon a ground of fine vertical lines with scroll ornaments at the sides, above is an arched label of color inscribed "LAWRENCE & COHEN" in colorless, Roman capitals. Below, upon a closely lined ground, is "MANUFACTURERS" in a curved line of small, colorless, block capitals. Under this is a spread eagle holding a floating ribbon in its beak and another in its claws, that above is inscribed "U. S. INTER. REV." at left, "TWO CENTS" at right; that below "NEW YORK", all in colored, block capitals. At each side



DESCRIPTION OF STAMPS.

THE 1c. EXPRESS.

First printed Sept. 30, 1862. Plate Nos. 1 D and 1 E.
 First delivered to Dep't. Oct. 16, 1862. No. of stamps per sheet, 210.

Description: Size of engraving, 49.64 x 59.64 inches, or 19 x 23 mm.* A three-quarters face portrait of Washington to left, after Stuart, upon an oval disk of very fine and closely laid vertical and horizontal lines. Above, upon a curved label with rounded ends, "U. S. INTER. REV." in colorless Roman capitals, exteriorly shaded with fine colored lines upon a ground of horizontal lines. Below, upon a similar label and in the same type, "EXPRESS." At left, upon a straight label of solid color, with rounded ends, "ONE;" at right, "CENT." Colorless numeral of value in all four corners upon an oval of solid color. The angles are filled in by light, foliated ornaments.

A Die proof was submitted to the Department at Washington, Sept. 3, 1862.

The total number of stamps issued from the beginning to April 30th, 1864 inclusive was 8,741,943, and, at that time, the books showed a balance on hand of 8,200,000, which were probably used up at a later period.

Indications point to an imperforate supply of 916,610 stamps having been received into the vaults.

The tax upon express receipts was repealed March 3, 1863, but this plate was in use as late as Oct. 18, 1870.

THE 1c. PLAYING CARDS.

First printed Sept. 20, 1862. Plate Nos. 1 B and 1 O.
 First delivered to Dep't. Oct. 21, 1862. No. of Stamps per sheet, 210.

Size and design the same as for the one cent Express except that the lower label is inscribed "PLAYING CARDS."

The total number of these stamps issued up to April 30, 1864, inclusive, was 6,241,926, and, at that date, the books showed a balance on hand of 375,273. This balance was undoubtedly used up subsequently, as, on Aug. 2, 1864, the stock book shows none on hand, and would thus raise the total number issued to 6,617,199.

No stamps were printed from these plates after April 30, 1864.

Indications point to an imperforate supply of 181,490 having been received into the vaults.

*In all measurements given in this work the horizontal is always mentioned first, then the vertical.



are fluted and ornamented columns having their bases in the lower corners. In each corner are colorless numerals of value; that in the upper left corner being upon a spade of solid color; that in the upper right upon a club of solid color; that in the lower left upon a vertically shaded heart; and in the right upon a shaded diamond. There is elaborate ornamentation above and the rest of the ground is horizontally lined.

5c. Green.

Die approved May 2, 1865.	First issued July, 1865.
No. of stamps per sheet 144.	Last issued March, 1874.
Total No. issued, old paper, 5,500,408.	
“ “ “ silk “	2,686,192.

Description:—Design the same as for the two cent with the value altered.

JOHN J. LEVY.

5c. Black.

Die approved Oct. 15, 1866.	First issued March 13, 1867.
No. of stamps per sheet 170.	Last issued Jan., 1873.
Total No. issued, old paper, 2,204,780.	
“ “ “ silk “	920,060.

Description:—Size of engraving 20 x 26mm. A large spade, outlined by a colorless and a colored line, with a club in colorless outline, upon it. This is inscribed in six lines of colorless capitals upon a ground of heavy vertical lines, “ U. S. - INTER. - REV. - JNO. J. LEVY - MANUFACTURER. - NEW YORK.” with a colorless dash between the third and fourth lines. There is a colorless, heart shaped disk in each of the upper corners which bears a colored numeral of value, and the rest of the upper space is filled in with floral ornaments. In each of the lower corners is a colorless diamond; that at left inscribed “ FIVE ”; that at right “ CENTS ” in colored, Roman capitals. These diamonds are separated by the lower portion of the spade-shaped disk, which bears a colorless numeral of value, and ornamented by floral designs upon a vertically lined ground. The whole is bordered by a double-lined frame.

VICTOR E. MANGER & PETRIE.

5c. Blue.

Die approved Aug. 8, 1877.	First issued 1877.
No. of stamps per sheet 169.	Last issued prior to Oct. 1, 1880.
Total No. issued, silk paper, } 1,021,020.	
“ “ “ pink “	} 1,021,020.
“ “ “ wmk'd. “	

Description:—Design the same as that of Chas. Goodall* excepting that

*See page 328.



the upper left hand card is inscribed "AMERICAN - PLAYING - CARDS" in three lines and the lower left hand one "VICTOR E. - MANGER - AND - PETRIE - NEW YORK.", in five lines.

NEW YORK CONSOLIDATED CARD CO.

5c. Black.

Die approved March 21, 1876. First issued 1876.
No. of stamps per sheet 210. Last issued March 23, 1883.

Total No. issued, silk paper,	} 10,063,000.
" " " pink " "	
" " " wmk'd. " "	

Description:—Size of engraving 18 x 23mm. An heart-shaped central disk bearing an upstretched hand holding thirteen cards upon an horizontally lined ground inscribed "FIVE" at left, and "CENTS" at right in curved lines of colored, Roman capitals. This is bordered by a band of solid color between two colorless lines which is inscribed "PLAYING CARD" at left; "MANUFACTURERS" at right, and "U. S. INT. REV." below, in colorless, Roman capitals. Above is a curved label of solid color, double in the centre, inscribed "NEW YORK" - CONSOLIDATED CARD CO." in colorless capitals, Roman above, block below, separated by a line of colorless dots. There are colorless numerals of value in the lower corners. All this is upon a rectangular ground of vertical lines, with round ball-shaped corners, so shaded as to give a beveled appearance to the edges.

PAPIER FABRIQUE CO.

5c. Black.

Die approved May 20, 1873. First issued June, 1873.
No. of stamps per sheet 170. Last issued prior to Oct. 1, 1880.

Total No. issued, silk paper,	} 2,143,071.
" " " pink " "	
" " " wmk'd. " "	

Description:—Size of engraving 26 x 26mm. A circular disk containing a diamond upon a ground of radiating lines bordered by an horizontally shaded band between an inner line of colorless rectangles and an outer one of dots. This is inscribed "PAPIER & FABRIQUE" above, and "COMPANY." below in colorless capitals. Above and below is a crescent shaped, vertically lined ground; this is inscribed "FIVE" above "CENTS" below, in colorless, Roman capitals. Above this, upon an arched label of color between two colorless lines, is "U. S. INTER. REVENUE"; below, in a similar manner, "PROPRIETARY." in colorless, Roman capitals. There are colorless numerals of value upon diagonally placed oval disks of color in each corner and the design is completed by floral and foliated ornaments.



RUSSELL, MORGAN & CO.

5c. Black.

Die approved First issued May 26, 1881.
No. of stamps per sheet 170. Last issued March 22, 1883.
Total No. issued, watermarked paper, 1,304,100.

Description :—Size of engraving 19 x 23mm. A tiger's head upon the hatched ground of a circular disk bordered by a colorless line, between two fine, colored ones. Above, in a colorless, curved label, "MANUFACTURERS"; below "OF PLAYING CARDS." in colored, block capitals. Straight, marginal labels of color at all sides; that above inscribed "RUSSELL, MORGAN & CO.;" that below "CINCINNATI, O." in colorless, block capitals. At left "U. S. INTER. REV.;" at right "FIVE CENTS." in colorless, Roman capitals. There are colorless numerals of value upon circular disks of color in the lower corners; the triangular spaces between the curved and marginal labels is vertically lined, and the whole is surrounded by a fine, outer line of color.



CANNED FRUIT STAMP.

THOS. KENSSETT & CO.

1c. Green.

Die approved Dec. 4, 1866.

First issued Jan. 3, 1867.

No. of stamps per sheet 210.

Last issued March 7, 1867.

Total No. issued, old paper, 528,000.

Description :—Size of engraving 23 x 19mm. A large basket of fruit with more on the ground around the basket, upon the shaded ground of a colorless rectangle with an arched top. This is bordered by a double-lined frame with ornamental corners. Above, in an arched label of solid color, "T. KENSSETT & CO." in colorless, Roman capitals. Just below, but inside of the central portion, is "BALTIMORE, MD." in a curved line of colored, Roman capitals. At left, still inside the central portion, "U. S. INTER. REV." at right, "PROPRIETARY." both in slightly curved lines of colored, block, capitals. At bottom, upon a straight, marginal label of color, "ONE CENT." in colorless, Roman capitals. Colorless numerals of value upon an horizontally lined ground in the upper corners, with small, triangular ornaments inside of them, and the whole bordered by an outer line of color.

Owing to the early repeal of the tax upon canned goods this stamp had but a short currency as will be seen by the dates above given.



MATCH WRAPPERS.

BYAM, CARLETON & CO.

1c. Black.

Die approved Aug., 1864.

First issued Sept., 1864.

No. of stamps per sheet

Last issued 1865.

Total No. issued, 25,000,000, approximately.

Description:—Size of engraving 130 x 98mm. Portraits of Messrs. Byam and Carleton to left upon the shaded ground of a circular disk bordered by a colored band between two colorless lines. This band is inscribed in colorless, Roman capitals, "U. S. INTERNAL REVENUE" above, and "PROPRIETARY." below and is, in turn, bordered by another circular, shaded band between two colorless lines; this is divided, by fine colored lines, into sixteen sections, each of which contains a colorless hand. Encircling this is still another band, also divided into sixteen sections, each of which forms a rounded point at the outside circumference and bears a colorless representation of a man seated and holding a match. Between the points of these sections is light ornamental work and above, in a curved line of colored block capitals, is "MANUFACTURED BY BYAM, CARLETON & CO."; below, in a similar manner, "96 FRIEND STREET, BOSTON." In each upper corner is light ornamentation bearing a large, colorless numeral of value, while below, in a similar manner, is "ONE" at the left, and "CENT" at the right. These corner pieces fill in the space so as to make a square of this portion and it is separated from the colorless label on either side of it by a double lined frame. In the colorless space at left is: "BYAM, CARLETON & CO.,—MANUFACTURERS OF—WAX TAPERS, WATER-PROOF, CARD, BLOCK,—WOOD, AND PAPER BOX—MATCHES." in five lines, the first, second and fifth lines being in different sized Roman capitals and the third and fourth in upper and lower case Roman. The space at right is inscribed in six lines of italic and Roman type "*These Matches have been sold for nearly—thirty years, and have withstood the damp and humid atmosphere of every climate—when all others have failed. Shippers and—Sea Captains invariably give our matches the preference.* B. C. & Co."

All of the foregoing is now enclosed in a reticulated frame 8mm wide, outside of which is an outer frame of scroll ornamentation between two colored lines.

Rectangular blocks are now added at the centre of each of the four sides; each measures 29 x 10mm. All are inscribed and ornamented alike viz: "U. S. INTERNAL REVENUE" in a curved line of colored, block capitals above, with "PROPRIETARY." in a curved line of colored, Roman capitals below it, and below that, in a straight label with rounded ends, "ONE CENT"



in colorless, block capitals upon a colored ground. Large, outlined numerals of value, surrounded with line ornamentation are in the upper corners, and there is scroll ornamentation over, and at the ends of, the colored label. These blocks have a double lined outer frame also.

The wrapper was printed by the American Phototype Co. upon manila tissue paper and is a very poor piece of work.

fc. Black.

Die approved 1865.

First issued 1865.

No. of stamps per sheet

Last issued March 31, 1866.

Total No. issued 35,000,000, approximately.

Description:—Size of engraving 130 x 89mm, otherwise this wrapper is an exact duplicate of the foregoing.

This difference in width is due to the fact that the rectangular blocks at top and bottom have been mortised into the design proper, so that, instead of resting upon the outer frame of the ornamental border, they cut through it and rest upon the outer frame of the reticulated band.

Like the last, this was printed upon manila tissue paper.

The only information we have been able to obtain regarding this and the preceding wrapper has been from the personal recollection of Mr. S. A. Carleton, the junior member of the firm, and is, of course, only approximately correct, although it is undoubtedly near enough to the truth for all practical purposes.

In this connection, too, we think the following will be of interest as tending to throw some little light upon the origin of these wrappers and the way in which the work happened to be turned over to the American Phototype Co.:

COPY OF LETTER FROM JOS. R. CARPENTER TO JOHN M. BUTLER,
DATED AUG. 17TH, 1864.

"My Dear Mr. B.—

I have something to narrate which will certainly interest and greatly surprise you. Let me talk as succinctly as possible."

"Yesterday morning Mr. Parsons presented himself at our office in company with the Boston match man, Mr. Carleton, concerning whom the telegraphs had passed. It appears that Mr. C., the largest manufacturer in America, puts up his matches in a peculiar wrapper and manner; and he cannot use the Government stamp, save at great expense and trouble."

"Again, the ordinary private stamps applicable to boxes, &c., do not meet his case. Hence he wants a peculiar stamp: a stamp in the *centre of his label wrapper*. Under the law he has the right to demand such 'stamped paper,' and, furnishing it at his own expense, the Commissioner *must* have just & valid reasons for refusing the exercise of this right. Now, Mr. Carleton prefers steel-plate engraving as the best protection to himself as well as the Government, but the cost would be tremendous."

"For instance, his label is 3½ x 6 in., only *nine* (9) can go on one of our plates. His demand will be 144,000 *per diem*. Hence it would require 25 plates worked all the time to supply him; or sixteen thousand (16,000) impressions daily. His plates would have to be retouched every three days,



allowing 50,000 impressions before retouching charges. Hence he would have to pay yearly a sum (this was so badly blotted in copying as to be illegible)—It would cost us \$24,000 at least to print his stamps, besides the engraving, ink, materials, etc. 16,000 imps. @ 50c. per hundred is \$80 per day for printer's wages. In other words it would cost him \$30,000 per annum to have a private, steel-plate engraved, stamp. Hence he cannot entertain the idea, though anxious, nor can we accept his stamp at a penny less under penalty of a ruinous loss."

"Now Mr. E. appears on the scene. He says to Mr. Carleton and the Comm'r., 'I have a beautiful, safe, and admirable patent especially applicable to this purpose. I offer every guarantee. I will furnish the impressions *at once* (a great desideratum), and at prices that Messers B. & C. cannot afford at all without great injury to themselves.'"

"Of course the Comm'r. is perplexed. On one side a very heavy expense to this gentleman, his *right* to have phototyped stamped paper (not *adhesive* stamps) guaranteed by law at a much less cost than we can afford to take the work, and suitable guarantees offered; on the other his desire to protect our interests under our contract, &c. Truly a quandry—so he sends Mr. Parsons & Carleton to me: E. and young Lewis accompany them. I have an interview with the two first. We find out, after divers ciphering, &c., that steel-plate engraving and printing are out of the question. Now Mr. Carleton objects to electrotyping, lithography, etc. He prefers phototypes, representing a much better security, more beautiful, &c., than either of the other processes."

"Mr. E. now wishes to see me.—He does not wish to be *forced* to compete with us. He prefers an amicable arrangement to this slaughtering procedure, nor does he like to be in the character of sneaking around the Dep't. to cut us down, when we have given every satisfaction."

"Accordingly we all meet at five o'clock at the Girard House. Carleton evidently anxious for an arrangement also. Well! I had a talk with them all collectively and individually, save Carleton, with whom I had gone over the ground previously. Now for the pith of the matter. Mr. E. talked very frankly to me. He assured me he had no wish and intention to endeavor to hurt our interests under the contract, to interfere with our regular Government stamps; but he represented a company (he cited stockholders, etc., who are wealthy, prominent New Yorkers I know), who are determined to push their invention forward where they had a fair chance, and in cases of this kind they have the opportunity and would use it: *but* he wished rather that we should understand each other. He was perfectly willing to pay us for every contract of work of this kind which came under our contract and yet cannot be filled by us to the same advantage as by them."

"I replied that such a proposition was not anticipated, but it was well worthy of consideration and I would consult you thereon. He offered as a *bonus*, in short, to permit him, without opposition, to secure this work. Such an arrangement, in my opinion, will be necessary."

"It will relieve Mr. Lewis of much trouble, spare the Dep't. much annoyance, secure the kindly co-operation of Mr. E.'s Co., and thus enable us to profit without labor, risk or expense, while private parties are enabled to have such stamps as they prefer at an economical cost."

"It seems to me but just to all parties that an arrangement should be made. The fact is several instances have already occurred. I have two communications now for *label* stamped paper; and I feel assured neither can, or will, accept steel plate rates."

"I advise you at once of this. Mr. E. offers us \$5000 for this Carleton contract, but I declined any consideration in the matter until definite arrangements were settled. The sooner this is done the better * * * ."



1c. Black on White.

Die approved Jan. 31, 1866.

First issued April, 1866.

No. of stamps per sheet 1.

Last issued Dec., 1875.

Total No. issued on white paper, 28,968,000.

Total No. issued on manila paper, 645,000.

Description :—Size of engraving 94 x 54mm. Three-quarters face portrait of Mr. E. Byam to right within a circular disk having a ground of heavy, horizontal lines and bordered by an heavy, colorless line sparsely shaded vertically.

This is surrounded with a band, intended to be of solid color, but always more or less blotched, inscribed "MANUFACTURED BY BYAM, CARLETON & CO." above and "PROPRIETARY" below; the upper inscription being in large, colorless, Roman capitals, the lower similar, but in block capitals. Outside of this is a reticulated ground forming an upright rectangle measuring 43 x 51mm and bordered by a heavy, colorless line. Upon this ground above, is an arched label of color inscribed, in colorless, block capitals, "U. S. INTER. REVENUE." This inscription is cut through by a colorless block, due to the mortising of the plate at this point so that the stamp *could be cancelled when printed* by the insertion of the initials of the firm and the date: it completely obliterates the "ter." of "INTER." and extends from the inscribed band surrounding the central disk through the heavy, colorless line bordering the reticulated ground of the rectangle. In each of the upper corners is a circular disk of color, bordered by a colorless line, containing a colorless numeral of value, and between them and the mortised space are lightly shaded ornaments.

Below, in a label and type similar to that above, is: "96 FRIEND ST. BOSTON." Just above this, at left, "ONE"; at right "CENT", in a slightly curved, colored label, the lettering being Roman capitals. At bottom and sides is ornamentation similar to that above.

At either side of this central portion is a large, rectangular block containing an inner, colorless tablet with truncated corners. These labels are framed by a row of pearls between two colored lines and have rather elaborate corner ornaments.

That at left is inscribed, in five lines.

*"For quickness and sureness the public will find,
These matches will leave all others behind.
Without further remarks, we invite you to try'em,
Remember all good that are signed by*

E. BYAM."

This is all in small upper and lower case Roman lettering excepting the signature, which is a facsimile.

The tablet at right is inscribed: "BYAM MATCHES." in two lines of large, Roman capitals. The whole is surrounded by an outer line of color.

These wrappers were printed from wood blocks, which accounts for their blotched appearance.

Those issued on manila tissue paper were the first lots and were so printed owing to the non-arrival of the white paper at the time it was expected.



1c. Black on Manila.

Die approved Jan. 31, 1866.

First issued April, 1866.

No. of stamps per sheet 1.

Last issued Dec., 1875.

Total No. issued, 234,380,847.

Description :—Size of engraving 81 x 50mm. Three-quarters face portraits of Messrs. Byam and Carleton to right upon the horizontally lined ground of a circular disk which forms the centre of an eight pointed star which, in turn, is surrounded by a band of color between two colorless lines.

This band is inscribed "MANUFACTURED BY BYAM, CARLETON & CO." above, and "96 FRIEND ST. BOSTON." below, in colorless, block capitals.

The points of the star contain shaded ornaments, as do also, the triangular spaces between them and the surrounding band. The block is mortised, so that the cancellation may be inserted before printing. This is in the form of a colorless block which almost obliterates the upper point of the star, extends to the inscribed band on the sides and cuts quite deeply into the top of the central disk.

Above, outside of the inscribed band, in the centre, is a straight marginal tablet with truncated corners and its lower edge curved slightly so as to conform with the curve of the band. Its edges are shaded so as to give them a beveled appearance and it is inscribed "MATCHES." in heavy, colored, block capitals upon a colorless ground. To left of this is an heavily shaded ground inscribed "U. S." in large, horizontally shaded Roman capitals. At right, in a similar manner, is "1 Ct."

Below is a slightly curved ribbon, colorless except at its ends, with scrolled ends. This is inscribed in colored, block capitals, "U. S. INTERNAL REVENUE." Just above this, at left, is a colorless, oblique label inscribed "ONE" in colored, Roman capitals; "CENT" at right in a similar fashion.

The balance of the ground is vertically lined and there are foliated ornaments just below the corner pieces above.

At right and left of this, which may be called the stamp proper, are rectangular, colorless blocks framed by a heavy, colorless line between two finer, colored ones; this colorless line is marked off into small squares by fine colored lines.

The block at left is inscribed "BYAM, CARLETON & CO., - MANUFACTURERS OF - CARD BLOCK, WOOD, and PAPER BOX - MATCHES." in four lines of colored Roman letters, all being capitals excepting the word "and" and of different sizes.

The block at right is inscribed "*These Matches have been sold for nearly - thirty years, and have withstood the damp and - humid atmosphere of every climate where - all others have failed. Shippers and Sea Captains - invariably give our Matches the preference. B. C. & CO.*" in six lines of italic and heavy faced type as above.

The whole is bordered by an outer line of color.

They were printed from wood-blocks and are, therefore, rather blotched in appearance.



1c. Black.

Die approved Dec. 13, 1875.

First issued Dec., 1875.

No. of stamps per sheet 20.

Last issued March 13, 1883.

Total No. issued 12,403,328.

Description :—Size of engraving 94 x 56mm. A copy of the last "single head" on white paper* excepting that, being steel-engraved, the execution is much finer. The blank space left for the cancellation is an horizontal rectangle, is entirely above the label inscribed "U. S. INTER. REVENUE."; the portrait of Mr. Byam faces to left instead of to right, and the ornamentation of the central portion is heavier.

The blocks at the sides are framed by a broad band of reticulated ground, the corner pieces being similar; the ground of the left hand block is solid color for the inner half, which is inscribed as before *excepting that the lettering is colorless*, and of fine vertical lines for the outer half, which bears the signature "E. BYAM", in colored *facsimile*. The ground of the right hand block is entirely of closely laid vertical lines, the inscription being in exteriorly shaded, rather fancy, colorless, Roman capitals.

Steel engraved upon white tissue paper.

1c. Black.

Die approved Dec. 8, 1875.

First issued Dec., 1875.

No. of stamps per sheet 20.

Last issued March 13, 1883.

Total No. issued 32,987,172.

Description :—Size of engraving 95 x 57mm. Portraits of Messers Byam and Carleton to left upon the lined ground of a circular disk bordered by a colorless line between two, fine colored ones. This is transferred into an eight-pointed star, or would be if the upper point was not missing, by the addition of outlined triangles each containing a shaded, trefoil ornament, and surrounded by a circular band of color between colorless and colored lines. The spaces between the band and the points of the star are occupied with colored triangular ornaments with heavy and lightly shaded frames; the space where the upper point should be is left blank and contains only the printed cancellation. The colored band is inscribed above "MANUFACTURED BY BYAM, CARLETON & CO." below "96 FRIEND ST. BOSTON." in colorless capitals. Above is an irregular colorless label inscribed "MATCHES." in colored, block capitals, and at left of it, upon a vertically shaded ground "U. S."; at right "1 CT." in large, shaded type. Below, upon a colorless and curved ribbon with scrolled, shaded and notched ends, "U. S. INTERNAL REVENUE." Just above this, at left, "ONE" in a colorless label, at right "CENT", both in colored, block capitals. Lined ground, with scroll ornaments above at sides. At left of this is an upright, rectangular block with a wide reticulated frame and vertically lined ground. This is inscribed in four lines of colorless capitals, "BYAM, CARLETON & CO., - MANUFACTURERS OF - CARD, BLOCK, PARLOB & BOX - MATCHES." At right, in a similar block but in six

*See p. 337.



lines of upper and lower case type upon a colorless ground, "*These Matches have been sold for forty - years and have withstood the damp - and humid atmosphere of every climate - when all others have failed. Shippers and Sea - Captains invariably give our Matches - the preference.*"

B. C. & Co."

The whole is surrounded by a fine line of color.

Steel engraved upon manila tissue paper.

NATIONAL UNION MATCH CO.

1c. Black.

Description:—Size of engraving 81 x 48½mm. Three-quarters face portrait, presumably of Mr. Comee, to right upon the horizontally lined ground of an upright oval bordered by a colorless band between two colored lines.

This band is inscribed "NATIONAL UNION MATCH COMPANY" above, and "BOSTON HIGHLANDS." below in colored, block capitals, the lower inscription being in smaller letters than the upper.

This is then converted into a rectangle by vertical lines at the sides and the outer frame lines at top and bottom. In the corners of this rectangle are shaded, foliated ornaments; reading vertically, just inside of the vertical lines and about the centre of them is "INTER. REV." at left; "ONE CENT" at right in colored, Roman capitals. Between these and the central disk is a thick, ornamental bar. At right and left are colorless, rectangular blocks; that at left is inscribed in three lines, "NATIONAL UNION - MATCH COMPANY - Boston Highlands." The lower line is in upper and lower case block letters, the others in Roman capitals.

At right the inscription, which is in five lines of upper and lower case Roman letters, is: "*Having employed one of the best - match makers in the country, we are - prepared to furnish matches superior - to all others, and warranted to keep - in any climate.*" The whole is then enclosed by a light frame with a serrated outer edge.

This wrapper is a fraud pure and simple. It was never issued, or authorized, by the Government, a fact which is testified to by its failure to bear the words "United States." or the initials "U. S." upon its face.

The following quotation from a letter which we have received from a gentleman who was in the Match business at the time it appeared gives all the information which we have concerning it:

"Allow me to say in the beginning that if you are confined to a 'History of the Rev. Stamps of the U. S.,' this wrapper does not come within that designation and your study of the official records bearing upon *these stamps* will furnish no information * * *. A man by the name of Comee, a manufacturer of matches in a very small way, located somewhere in Boston Highlands had this paper printed, sometime about 1876 or 1877, and used it to pass for a stamp and deceive the public and the Government to the benefit of his own pocket."

"The use of it was *very* short lived and Comee was arrested, tried, and, I think was let off by a (ridiculous) fine of \$50."

"His object was to imitate one of the Byam, Carleton & Co. wrappers, into whose trade he had to cut for the sale of these 'Union Match Co.' goods. * * *"



The probable reason for the apparently small punishment was that \$50. was the sum prescribed by law for the first offense of selling *unstamped goods*, and, as the wrapper was not a stamp in any sense of the word, that was probably the law under which action had to be taken.

This was probably foreseen, and provided for, by the proprietor by the omission of "United States," or "U. S."

The central portion, the oval containing the portrait, is a wood block and the rest of the design is type-set. It was printed on manila tissue paper.

PORTLAND MATCH CO.

1c. Black.

Die approved Oct. 10, 1866.

First issued Oct., 1866.

No. of stamps per sheet 1.

Last issued Dec., 1867.

Total No. issued, 8,575,000.

Description :—Size of engraving 80 x 50mm. Three-quarters portrait of Mr. W. T. Brown to right upon the horizontally lined ground of an upright oval bordered by a colorless line between two, fine, colored ones. At the left is an horizontal oval containing a large, colorless "U" upon an horizontally lined ground; at right, in a similar manner, "s." These ovals are outlined by a double-lined frame and, above and below them where their inner edge meets the frame of the central oval, is a foliated ornament. Above, in two lines of colored, Roman capitals upon a colorless ground, is: "NO. 86 COMMERCIAL ST. PORTLAND, ME." The "NO." is at the extreme left; "86" at the extreme right; both being above the rest of the inscription, which starts just above the oval on the left, curves up and over the central disk and ends just above the right hand oval.

Below, on the left, "INTERNAL ONE"; on the right "REVENUE, CENT." in similar style to that above excepting that the inscriptions are separated by a colorless block in which the date of cancellation, etc., is inserted as in the Byam, Carleton & Co. wrappers. This is directly in the centre and has foliated ornaments at each side. All this is bordered by a wavy line which transforms it into a large circular disk. Outside of this, both above and below, is an arched label of color; that above being inscribed "MANUFACTURED BY THE"; that below "PORTLAND MATCH CO." in colorless, Roman capitals, there being a light, colorless ornament at the ends of the inscription.

The whole is now transformed into a rectangle by adding a ground of solid color at the corners, in each of which is a colored numeral of value upon a colorless, circular disk bordered by a double-lined frame. There are colorless ornaments at two sides of these circular disks.

At either side, as in the Byam, Carleton & Co. wrappers, rectangular blocks are added. These have a colorless ground and are bordered by a serrated frame between two colored lines. The one at left is inscribed in four lines of colored, Roman capitals: "PORTLAND MATCH CO., - MANUFACTURERS OF - NEWLY IMPROVED CARD AND BOX - MATCHES."

That at right reads, in five lines of italics: "*Our Matches are warrant- ed superior to any - others for the immediate production of fire. - They are not*



impaired by Age or Dampness,—and for that reason are preferred by Shippers—and Sea Captains to any others. P. M. CO. The stamp is printed from a wood block upon manila tissue paper.

V. R. POWELL.

1c. Black.

Die approved	First issued
No. of stamps per sheet	Last issued
Total No. issued	

Description :—Size of engraving 27 x 54mm. A central disk in the form of an upright rectangle with a slightly curved top containing a representation of two men ; the one at the left standing with a lighted match in his uplifted hand and the other sitting down and smoking, all this being appropriately shaded.

Below, in three straight lines "MANUFACTURED BY - V. R. POWELL. - TROY, N. Y." The upper line is in small upper and lower case Roman ; the second in Roman capitals and the lower in block capitals, all in color. Above, upon shaded scroll ornamentation coming to a point at the top is a large, colorless, but heavily shaded exteriorly, numeral of value crossed by the words "ONE CENT" in a curved line of outlined, Roman capitals. Bordering all this, and closely following its general outline, which is that of a conical bullet, is a broad band of solid color. This bears a circular, colorless disk in each lower corner and in the pointed top, each containing a colored, five-pointed star. It is inscribed above "INTERNAL REVENUE.", the two words being separated by the colorless disk in the point ; "TELEGRAPH" at left ; "MATCHES." at right and "PROPRIETARY" below. The upper inscription is in colorless, Roman capitals ; the others in colorless, block capitals, and there is a small, colorless ornament after "TELEGRAPH" and before "MATCHES". In the upper corners, placed obliquely upon a light scroll work design are colored, block capitals, "U" in the left, "S" at right. A fine outer line of color surrounds the whole.

The stamp is printed upon manila tissue paper and is a wretchedly blotched piece of work such as any cheap wood-engraver would be ashamed to father. It is also found upon a thicker, whitish tissue paper and it is barely possible that this variety was used as an adhesive, though we very much doubt such being the case.

It was, in all probability, printed by the American Phototype Co.



MEDICINE WRAPPERS.

SOULE'S PILLS. (N. Y.)

1c. Blue.

Die approved March 31, 1863.

First issued Aug., 1863.

No. of stamps per sheet 12.

Last issued April, 1867.

Total No. issued, old paper, 275,518.

Description :—This wrapper is really in two sections; a horizontal rectangle measuring 83 x 30mm contains the stamp proper, and 15mm below that is another rectangle containing directions for the use of the medicine and measuring 57 x 26mm. There is a central horizontal rectangle inscribed, in two lines of colored capitals upon a colorless ground, "DR. E. L. SOULE & CO. - SUGAR COATED". This is bordered by a broad band with a reticulated ground and serrated edges bearing an inner frame of rosettes. Upon this, above, are two straight labels of color, the upper inscribed "ORIENTAL" in large, colorless, block capitals; the lower "U. S. INTERNAL REVENUE", in smaller letters of the same style. In a similar manner below is "ONE CENT PROPRIETARY - SOVEREIGN BALM". At left is a curved label of color with rounded ends and inscribed "OK" with a colorless numeral of value before and after the word and separated from it by a colorless line. At right, in a similar label but not divided by any lines, is "PILLS"; both in colorless, Roman capitals. At right and left of this are upright colorless rectangular spaces bearing a facsimile signature of "E. T. Wright," and at left of this is a double, marginal label of color inscribed "100 FULTON ST. - NEW YORK, N. Y." in colorless, block capitals. At right the inner label gives away to a line of alternate colored and colorless blocks, and the outer is inscribed "PRICE 25 CENTS." These end pieces are framed by a continuation of the reticulated ground.

Between this and the rectangle below it is "*Sovereign Balm of Life*," in one line of colored, upper and lower case Roman letters.

The lower rectangle, which is enclosed by a double-lined frame with fancy corner ornaments, is inscribed in ten lines of large and small Roman capitals:

"DIRECTIONS. FOR SUDDEN ATTACKS OF ACUTE DISEASES - TAKE FROM 2 TO 5 PILLS, ACCORDING TO THE CONSTITUTION - OF THE PATIENT, AND REPEAT THE DOSES IN 4 OR 6 HOURS, - AS CIRCUMSTANCES MAY REQUIRE, UNTIL A BRISK OPERATION - TAKES PLACE. FOR CLEANSING THE STOMACH, AND RESTORING - A HEALTHY DIGESTION, PURIFYING THE BLOOD, TO REINVIGORATE THE PERSPIRATIVE ORGANS AND TO REGULATE THE - ACTION OF THE BOWELS, 1 OR 2 SHOULD BE TAKEN EVERY - OR EVERY OTHER NIGHT FOR A WEEK OR TEN DAYS, AS A LIT - TLE EXPERIENCE WILL DICTATE."

Below this rectangle is another line of colored, upper and lower case Roman lettering reading: "*Health, a great earthly blessing!*"



The measurement from top to bottom of the engraving is $77\frac{1}{2}$ mm.

E. T. Wright was the first proprietor of this die, and on Nov. 23, 1866, he notified Butler & Carpenter that he had sold out to Mr. A. N. Wright.

SOULE'S PILLS. (SYRACUSE.)

1c. Blue.

Die approved April 16, 1867.	First issued May, 1867.
No. of stamps per sheet 12.	Last issued May 31, 1876.
Total No. issued, old paper, 275,216.	
" " " silk " 163,534.	

Description :—Design the same as last excepting that the labels at left are inscribed "60 WEST GENESEE ST. — SYRACUSE, N. Y."

Mr. A. N. Wright was succeeded in the proprietorship of this die by E. T. Butterfield, who was also succeeded by J. W. Truesdell & Co., and they, in turn, by S. H. Cook & Co., all of Syracuse, N. Y.

A few of these stamps were issued in ultramarine some time during 1869, but it is impossible to say just how many were so issued. The following, taken from Mr. Carpenter's journal, is the only record of the fact to be found:

" June 30, 1870. Profit & Loss to J. W. Truesdell & Co. (A. N. Wright.)
 " For balance %. It having been consented that, in view of losses claimed by T. & Co. on stamps printed in *ultramarine blue*, 50% of their bill should be abated to Jan'y. 1870. viz., whole am't. of bill \$60.48, \$30.24."

The total number of stamps issued in 1869 was 84,000, all in lots of 10,500 each, and it is not likely that *more than one lot* was accepted in this color, while it is equally probable that it comprised only a part of one lot.

UNITED STATES PROPRIETARY MEDICINE CO.

1c. Black.

Die approved Dec. 26, 1866.	First issued June 29, 1867.
No. of stamps per sheet 9.	Last issued June, 1874.
Total No. issued, old paper, 340,217.	
" " " silk " 182,725.	

Description :—Size of engraving 89 x 52mm. The design is composed of five upright rectangles of colorless ground, each framed by a fine and a heavy colored line, and the whole by a fine, outer line of color except at the right end, this fine line is also continued vertically between each pair of heavy lines. In the central space is an upright oval bearing a full length figure of a man, in Scandinavian costume, standing upon the seashore. The corners, outside this oval, are lined vertically and contain colorless, foliated ornaments. These corner ornaments are present, also, in all of the other spaces. At right, in three lines reading vertically, "DR. C. W. ROBACK'S — SCANDINAVIAN — BLOOD PILLS." in large capitals; at right of this "Entered according to act of — Congress in the Year 1858 by Dr. C. W. Roback — in the Clerk's Office of the Southern Dist. — of Ohio.", in four lines of upper and lower case Roman type.



At left, in a similar manner but in German lettering, "DR. C. W. ROBACK'S - BLUT-PILLEN, - ein für alle Fälle geeignetes - Hausmittel zum Ubführen." in four lines of upper and lower case; and to left of this, "U. S. INTER. REVENUE, - 1 CT. ONE CENT. 1 CT. - U. S. Proprietary Medicine Company, - Cincinnati, Ohio."

This die passed into the possession of J. S. Burdsal & Co. on July 1, 1874.

1c. Black on Yellow.

First issued April 24, 1867.	Last issued June, 1874.
Total No. issued, old paper, 182,405.	
" " " silk "	31,625.

But two papers were supposed to have been used for these wrappers, i. e., *white and yellow*, and both the *orange and yellow* are included in the figures given above.

Mr. Sterling, in his catalogue of the "Revenue Stamps of the United States"* annotates both the yellow and orange wrapper as "Colored by firm." This is an error; the colored paper was specially prepared for this firm's use and the orders designate the color of paper upon which the stamp was to be printed. Mr. Adenaw has made the same error in his list.†

J. S. BURDSAL & CO.

1c. Black.

Die approved July, 1874.	First issued Aug., 1874.
No. of stamps per sheet 9.	Last issued prior to Oct. 1, 1880.
Total No. issued, silk paper, 100,614.	
" " " wmk'd. "	60,105.

Description :—Design the same as that of the one cent U. S. Proprietary Medicine Co., of which Co. this firm was the successor, with the addition of "J. S. BURDSAL & CO., - SOLE PROPRIETORS." in two lines upon the lower margin of the wrapper. The first line is in colorless, exteriorly shaded Roman capitals and the second in smaller, shaded Roman capitals.

1c. Yellow.

First issued Aug., 1874.	Last issued prior to Oct. 1, 1880.
Total No. issued, silk paper, 12,516.	
" " " wmk'd. "	9,171.

Mr. Sterling notes this wrapper as "Color changed by firm."‡ and as in the case of the U. S. Proprietary Medicine Co., this is an error, as the stamp was printed upon specially prepared paper. The same error has been made by Mr. Adenaw in his list. §

*Fifth edition, 1888, p. 74.

†p. 68.

‡Catalogue of the Revenue Stamps of the United States, Fifth edition, 1888, p. 65.

§p. 67.



PROVISIONAL PROPRIETARY STAMPS.

The stamps included under this heading have been the subject of much thought and consideration by the authors.

It is well known that the stamps of the regular issues are not at all uncommon in a "surcharged" condition; *i. e.* bearing upon their faces a printed or hand-stamped, inscription.

This surcharge consists of the name, or initials, of the individual, or firm, using them, generally accompanied with a date and, in some instances, with a more or less extended advertisement of the parties whose names they bore.

These stamps occupy rather an anomalous position in philately for, while it is generally thought, or, at least so stated in the various catalogues mentioning them, that they were issued and used prior to the issuance of the regular private die stamps, this fact is true only in a very restricted sense; *i. e.* in most cases, not *all*, they were used prior to the issuance of the private die for that individual proprietor only, but not prior to the issue of private stamps as a whole.

Nor, as is intimated above, is this rule absolute for, as will be seen by reference to the list, in many cases these surcharged stamps were used at the same time as the regular private die stamps.

Another, and much more important fact, is that, in our opinion, these so-called "surcharges" are, in reality, but little more than cancellations. This fact is, we think, pretty well established by certain sections of the Revenue Laws which provided that the proprietors of articles subject to the stamp tax might cancel them in this manner if they so desired and that they were *obliged* to do so unless the nature of the package was such that the destruction of the stamp by tearing, was assured in opening the package.*

Custom, however, has had its weight with us and, as they are now very generally recognized and collected, we have decided to include them; trying, however, to sift the wheat from the chaff; to discard any specimen whose authenticity was at all doubtful, and to rigidly exclude all those not bearing the name, or initials, of parties who had a private die.

The following synopsis of the different types of over-printing has been deemed necessary to a thorough understanding of these stamps.

STAMPS SURCHARGED FOR USE BY MATCH MANUFACTURERS.

A. BEECHER & SON.

Type I. "A. B. & S.", with date, horizontally in Roman capitals.

* See p. 126.



BROCKETT & NEWTON.

Type 1. A single lined circle 22mm. in diameter and inscribed in four lines: "B. & N. - May - 16. - 1866." in Roman capitals. The upper and lower lines are curved to correspond with the outline of the circle and the others straight: there is a star before and after "May."

BROWN & DURLING.

Type 1. "B. & D.", with date, in two horizontal lines of Roman capitals. Measurements of surcharge 16 x 2 and 12½ x 2mm.*

EXCELSIOR MATCH CO.

Type 1. "Ex. M. Co.", with date, in two vertical lines measuring 18½mm. The date is in upper and lower case; the balance in large capitals.

G. FARR & CO.

Type 1. "G. F. & Co.", month and day and year in three horizontal lines of Roman capitals measuring 11½ x 2; 9½ x 2 x 1 † and 6 x 1½mm.

G. W. GAFFITT & CO.

Type 1. "G. W. G. - & Co. - 1864.", or other date, in three horizontal lines of Roman capitals measuring 16 x 3; 10 x 3 x 2, and 9 x 3mm. respectively.

Both Messrs. Sterling ‡ and Adenaw § attribute this surcharge to "G. W. Griggs & Co." This is plainly an error as Mr. Griggs' initials were A. J.

The stamp was used by the above firm, who were the proprietors of "Lacour's Matches."

THOS. GORMAN & BRO.

Type 1. "T. G. & Bro." month and year, in three horizontal lines of Roman capitals measuring 16 x 2½; 5½ x 2 x 1, and 6½ x 2mm.

Type 2. As last excepting that the upper line reads "T. G. & B." and measures 13 x 2½mm.

* In measurements of dates the length will vary somewhat according to the number of letters there are in the month, or abbreviation for it.

† Where three figures are given in these measurements the second is the height of the capitals and the third that of the small capitals or lower case letters.

‡ p. 37. Fifth edition.

§ p. 61.



P. T. IVES.

Type 1. "P. T. I." month and year, in three horizontal lines of Roman capitals measuring $13 \times 2\frac{1}{2}$; $6 \times 3 \times 2$, and $7 \times 2\frac{1}{2}$ mm.

NEWBAUER & CO.

Type 1. "N. & Co.," month and day, and year in three horizontal lines of Roman capitals measuring $13\frac{1}{2} \times 3$; $13\frac{1}{2} \times 3 \times 1\frac{1}{2}$, and 6×3 mm.

Type 2. "Newbauer & Co." and date, in two vertical lines of upper and lower case Roman type measuring $21 \times 2\frac{1}{2} \times 1\frac{1}{2}$, and $17 \times 2 \times 1$ mm.

WISE & CO.

Type 1. "W. & Co.," month and year in three horizontal lines of Roman type measuring $16\frac{1}{2} \times 2\frac{1}{2} \times 2$; $12 \times 3 \times 2$, and $6 \times 1\frac{1}{2}$ mm. The month is in upper and lower case; the rest in capitals.

MEDICINE STAMPS.

D. S. BARNES.

Type 1. A circle 21mm in diameter inscribed "D. S. B. - Dec. - 4 - 1862." in four lines of Roman capitals measuring 14×4 ; 6×4 ; 3×4 , and 18×3 mm. The upper and lower lines curve to conform with the circle; the others are horizontal.

Type 2. As type 1 excepting that *all* the lines are straight, and the measurements are 14×4 ; 7×5 ; $7 \times 2\frac{1}{2}$, and 10×3 mm.

DEMAS BARNES & CO.

Type 1. Similar to type 1 of D. S. Barnes excepting that there is no month or day given, measurements the same.

D. M. BENNETT.

Type 1. "D. M. B. - Sep. 20. - 1864." in three horizontal lines of Roman capitals measuring $10 \times 2\frac{1}{2}$; $10 \times 2\frac{1}{2} \times 1\frac{1}{2}$, and $8 \times 2\frac{1}{2}$ mm.

C. F. BROWN.

Type 1. "C. F. B." vertically in outline, *sans serif* capitals measuring 10×4 mm.

FRED'K. BROWN.

Type 1. "Fred'k. Brown - Philad'a." in two vertical lines of Roman capitals measuring $20 \times 2 \times 1$ and $12 \times 2 \times 1$ mm.



J. BURNETT & CO.

Type 1. "J. Burnett & Co. - Mar. 24, - 1863 - Boston." in four horizontal lines of Roman upper and lower case type. The measurements are $18 \times 2\frac{1}{2} \times 2$; $13 \times 3 \times 2$; 8×3 , and $15\frac{1}{2} \times 2$ mm, and the whole is enclosed in a rectangular frame measuring 18×20 mm.

Type 2.—The same as type excepting that the surcharge is vertical.

Type 3. Similar to type 1 excepting that heavy faced type is used and the height of the letters in the first line varies, it measuring $18 \times 3 \times 1\frac{1}{2}$ mm.

Type 4. Inscription as in type 1; measurements $23\frac{1}{2} \times 3 \times 2$; $12\frac{1}{2} \times 3$; 8×3 , and $14\frac{1}{2} \times 3$ mm. The frame measures 17×20 mm and has rounded corners while the lettering corresponds to that of type 3.

Type 5. Frame as in last, size 18×19 . Inscription in five lines, the month and day having a line apiece.

Type 6. Frame measures 19×23 . Inscriptions as in last excepting that the first line is in *sans serif* capitals and the balance in Roman; measurements $21\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$; $7\frac{1}{2} \times 3$; $3\frac{1}{2} \times 3$; and 18×3 mm.

FATHER MATHEW TEMPERANCE MEDICINE CO.

Type 1. "T. F. M. M. Co." vertically in block capitals measuring 21×3 and 16×2 mm.

SETH W. FOWLE.

Type 1. "Seth W. Fowle & Son. - April 29 - 1868 - Boston." in four lines of Roman capitals, the upper and lower of which are curved to conform to the shape of a single-lined oval which surrounds the whole. This oval measures 25×19 mm.

Type 2. "Seth W. Fowle, Boston." in Roman capitals. This is so arranged as to form a circle 32mm in diameter. In the centre, in three lines, is the month, day and year.

REUBEN P. HALL & CO.

Type 1. "R. P. H. - 11-1-65." in two horizontal lines of Roman capitals measuring 9×2 and 11×2 mm respectively.

Type 2. "R. P. Hall - Apr. - 4 - 1864 - Nashua, N. H." in five lines, all of which are Roman capitals excepting the lower which is in *sans serif* capitals. The whole is bordered by a single lined, circular frame 20mm in diameter, and the upper and lower lines of the inscription curve to conform to its outline.

HALL & RUCKEL.

Type 1. "H. & R. - Nov. 29-63." in two horizontal lines of block capitals measuring $16\frac{1}{2} \times 4$ and $19 \times 2\frac{1}{2}$ mm.



Type 2. A single-lined circular frame 22mm. in diameter inscribed "H. & R." above; and year below in curved lines; month and day, in two lines, in the centre, horizontally. All in Roman capitals.

A. L. HELMBOLD.

Type 1. An upright rectangle measuring 18 x 26mm. containing the inscription, "A. L. Helmbold" - date - "Philadelphia." in three vertical lines of *sans serif* capitals; the measurements are $23\frac{1}{2} \times 3$; $23\frac{1}{2} \times 3$; and 21×2 mm.

JOHN F. HENRY.

Type 1. "Jno. F. H." diagonally in Roman type measuring $30 \times 4 \times 3$ mm.

DR. HERRICK.

Type 1. "H. F. M."* and year in two vertical lines of Roman capitals measuring 22×4 and $14 \times 4\frac{1}{2}$ mm.

Type 2. "H. F. M." no date vertically in Roman capitals measuring 22×7 mm.

Type 3. Same as type 2 with year added in a second line of block type measuring 12×3 mm.

Type 4. "H. F. M. - 7-15-80" in two vertical lines, the initials being Roman capitals and the date *sans serif* type. They measure 21×7 and $16 \times 2\frac{1}{2}$ mm.†

HOSTETTER & SMITH.

Type 1. "H. & S." horizontally in Roman capitals measuring 16×3 mm.

C. E. HULL & CO.

Type 1. "C. E. H. & Co. - Jan'y. 1869." in two horizontal lines of Roman capitals measuring 21×3 , and 16×2 mm.

H. A. INGHAM & CO.

Type 1. "H. A. I. - Sept. 24 - '77." in three horizontal lines of Roman type measuring 9×3 ; $10\frac{1}{2} \times 2$; and 4×2 mm.

*Herrick's Family Medicines.

†A variety of this exists in which the "H" has no cross-bar and there is no extra period, and also an inverted one, three in all, after the "F." It is dated "11-12-82."



Dr. D. JAYNE & SON.

Type 1. "Dr. D. J. & Son.- Jan. 2, '63." in two vertical lines measuring $18 \times 4 \times 1\frac{1}{2}$ and $16 \times 2\frac{1}{2} \times 1\frac{1}{2}$ mm. The first line is in script; the other in Roman type.

JOHNSTON, HOLLOWAY & CO.

Type 1. "J. H. & Co.- Aug.-1864." in three horizontal lines of script type measuring $15 \times 3\frac{1}{2} \times 1\frac{1}{2}$; $5 \times 3\frac{1}{2} \times 1\frac{1}{2}$, and 8×3 mm.

I. S. JOHNSON & CO.

Type 1. An upright oval 19×25 mm in size inscribed "I. S. J. - Oct. 12 - 1866 - Bangor." in four lines, all Roman type excepting the lower which is in heavy *sans serif* capitals.

LEE & OSGOOD.

Type 1. "L. & O. - Oct. 10, 1863." vertically in two lines of Roman type measuring $11\frac{1}{2} \times 2\frac{1}{2}$ and $20 \times 2\frac{1}{2} \times 1\frac{1}{2}$ mm.

Type 2. "L. & O. - Feb. 10, -1864." in three horizontal lines of Roman capitals measuring $11\frac{1}{2} \times 2\frac{1}{2}$; $14 \times 2\frac{1}{2}$; and $7\frac{1}{2} \times 2\frac{1}{2}$ mm.

NEW YORK PHARMACAL ASSOCIATION.

Type 1. "N. Y. P. A. - Jul. 1-1882" in three horizontal lines; all Roman capitals excepting the first which is in *sans serif* capitals. Measurements $15 \times 3\frac{1}{2}$; 14×3 , and 9×3 mm.

RADWAY & CO.

Type 1. "Radway & Co. - R. R. R.-1874." in three horizontal lines of upper and lower case *sans serif* type. Measurements: $21 \times 2\frac{1}{2} \times 1\frac{1}{2}$; $15 \times 2\frac{1}{2}$; and 7×2 mm.

Type 2. Same as type 1 without date and surcharged vertically. Measurements $17 \times 2\frac{1}{2} \times 1\frac{1}{2}$ and $10 \times 2\frac{1}{2}$ mm.

Type 3. As type 1 excepting that the month is prefixed to the year and the last two lines are in Roman type. Measurements $18 \times 2\frac{1}{2} \times 1\frac{1}{2}$; 17×3 , and $14 \times 3 \times 2$ mm.

Type 4. As type 3 excepting that all is in *sans serif* type and the month is in capitals. Measurements $17\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$; $10 \times 2\frac{1}{2}$, and $11 \times 2\frac{1}{2}$ mm.

Type 5. As type 4 excepting that the entire surcharge is in *sans serif* capitals and vertical. Measurements 23×3 ; $13\frac{1}{2} \times 3$, and 17×4 mm.

Type 6. Similar to last. "Radway & Co." in upper and lower case; month and year in Roman capitals. Measurements $20\frac{1}{2} \times 3 \times 2$; 17×3 , and 17×3 mm.

Type 7. "R. & Co. - May 1, 1876" in two vertical lines of upper and lower case Roman type. Measurements 13×2 , and $19 \times 2\frac{1}{2} \times 1\frac{1}{2}$ mm.



A. B. & D. SANDS.

Type 1. A single-lined circle 20mm. in diameter inscribed "A. B. & D. Sands" in a curved line above; the year horizontally in the centre. The latter is in script type; the former in block capitals.

DR. D. H. SEELYE & CO.

Type 1. An upright, single-lined oval measuring 20 x 28mm; inscribed in four lines, "Dr. D. H. S. & Co. - 18 - Dec. - 1864." The upper line is in block capitals and curved; the rest are straight and in Roman capitals. In the only copy we have seen the "18" was inverted.

H. R. STEVENS.

Type 1. "H. R. S. - Feb. 9, 1873." in two horizontal lines of Roman capitals measuring 17 x 3 and 17 x 2½mm.

Type 2. Similar to above excepting that the surcharge is larger, measuring 37 x 4 and 30 x 2½mm, and extends over two stamps. In many of this last the date is too indistinct to be deciphered.

TARRANT & CO.

Type 1. Surcharged "T. & Co.," with date, in two horizontal lines of *sans serif* capitals measuring 17½ x 7, and 12 x 7mm.

S. R. VAN DUZER.

Type 1. "S. R. V. D." with month and year, in three vertical lines of Roman type. Measurements 20 x 5; 7 x 2½ x 1½, and 7 x 2½mm.

Type 2. "S. R. V. D." and year in two vertical lines of Roman capitals, measurements 15 x 3, and 9 x 3mm.

Type 3. Exactly like type 1, with month omitted, and placed horizontally.

Type 4. "S. R. V. D. - Dec. 1, 1879." in two vertical lines of Roman type, measurements 16 x 3, and 20 x 3 x 2mm.

Type 5. "As last but horizontally and smaller. Measurements 14 x 3, and 20 x 3 x 2mm.

Type 6. "S. R. V. D. - March 1, - 1882." in three vertical lines, the first being *sans serif* and the balance Roman type. Measurements 22 x 3; 15 x 2 x 1½, and 8 x 2mm.

Type 7. Exactly like type 4, but horizontally.

WEEKS & POTTER.

Type 1. A single-lined circle 20mm in diameter. In the centre, in *sans serif* capitals with a star above and dash below it, "W. & P." measuring 16 x 5mm.

Type 2. "W. & P." horizontally in Roman capitals measuring 15 x 5mm.



EDWARD WILDER.

Type 1. "E. Wilder, - May 3, 1869, - Louisville, Ky." in three vertical lines measuring 20 x 2; 19 x 2½ x 1½, and 17 x 3 x 2mm. The first line is in *sans serif* capitals; the second in upper and lower case Roman; and the third in large and small *sans serif* capitals.

A. N. WRIGHT.

Type 1. "A. N. W. 1870." diagonally in Roman capitals measuring 20 x 2½ mm.

Mr. Wright was the proprietor of *Soule's Pills* at one time.

J. H. ZEILIN & CO.

Type 1. An upright, single-lined oval 14 x 21mm. inscribed "J. H. Z. & Co." above and "1879" below in Roman capitals.

 PERFUMERY.

E. W. HOYT & CO.

Type 1. "E. W. Hoyt & Co. - Lowell, - Mass." in three vertical lines measuring 21 x 4 x 3; 12 x 1½, and 19 x 2mm. The first line is in fancy *sans serif* type; the others in Roman capitals.

KIDDER & LAIRD.

Type 1. "K. & L. - June - 1877." in three horizontal lines of *sans serif* type measuring 9 x ½ 3½; 6 x 3 x 2, and 7 x 3mm.

Type 2. As type 1 with the addition of the day of the month.

Type 3. As type 2 excepting that the year is in italics.

LANMAN & KEMP.

Type 1. "L. & K. - July 1 - 1866." in three horizontal lines of Roman capitals measuring 8 x 2; 13 x 2, and 7 x 2mm.

Type 2. A single-lined circle 22mm. in diameter inscribed, in four lines of Roman capitals, "L. & K. - Feb. - 20 - 1869." The upper and lower lines are curved; the others horizontal, and they measure 18 x 4; 6 x 2½; 6 x 3, and 7 x 4mm.

HENRY TETLOW.

Type 1. "H. T. - 1-6-1871." in two vertical lines of *sans serif* capitals. measuring 9 x 3 and 16 x 3mm.



- Type 2.* "H. T. - June 5, 1880." in two vertical lines of Roman capitals measuring 11 x 4, and 19 x 3 x 2mm. The "5" is tall and thin; there is a comma after the "H", and a semicolon after the "T."
- Type 3.* As type 2 excepting that the "5" is short and squatty; a period follows the "H", and an inverted period the "T."
- Type 4.* As type 2 excepting that the first line is in italics.
- Type 5.* As type 3 excepting that the first line is in italics. In these last two the punctuation is correct.
- Type 6.* "H. T. - 10-1-76." in two vertical lines of Roman capitals measuring 7 x 2 and 11 x 2mm.

C. B. WOODWORTH & SON.

- Type 1.* "W. & S." horizontally in Roman capitals measuring 8 x 9½ mm.

R. & G. A. WRIGHT.

- Type 1.* "R. & G. A. W. - 1871." in two vertical lines, the first of *sans serif*, and the last of Roman capitals measuring 19 x 4 and 7 x 2½mm.
- Type 2.* "W." vertically in an heavy Roman capital measuring 17½ x 12½mm.
- Type 3.* As last but smaller, measuring 9 x 8mm.

PLAYING CARDS.

A. DOUGHERTY & CO.

- Type 1.* "A. D. - Mar. - 1863." in three horizontal lines measuring 11 x 4; 10 x 2½; and 8½ x 2½mm. The first line is in script; the balance in Roman capitals.
- Type 2.* As type 1 excepting that the "A. D." is wider, measuring 13 x 4mm.
- Type 3.* "A. D. - 1864." in two horizontal lines of Roman capitals measuring 14 x 4½ and 9 x 3mm.

SAML. HART & CO.

- Type 1.* "S. H. & Co. - Dec. - 1863." In three horizontal lines of script type measuring 13½ x 5 x 2; 4 x 2, and 8 x 2½mm.
- Type 2.* "Similar to last excepting that all but the month is in Roman capitals. Measurements 16 x 3 x 2; 9 x 4 x 2, and 8½ x 3mm.
- Type 3.* Similar to last but all in Roman capitals. Measurements 13 x 5; 8½ x 2, and 7 x 2mm.
- Type 4.* As type 1 but larger, measuring 15 x 6 x 3; 11 x 2; and 9 x 4mm.
- Type 5.* As type 2 but smaller, measuring 13 x 5; 8½ x 2, and 7 x 2mm.
- Type 6.* As type 3 but larger, measuring 18 x 3 x 2; 13 x 3 x 2, and 8½ x 3mm.



LAWRENCE & COHEN.

- Type 1.* "L. C. & Co. - Jan. - 1863." in three horizontal lines of Roman capitals measuring $15 \times 3\frac{1}{2} \times 2\frac{1}{2}$; $9 \times 2\frac{1}{2}$, and $8\frac{1}{2} \times 2\frac{1}{2}$ mm.
- Type 2.* "L. C. - 1864." in two horizontal lines of Roman capitals measuring $6\frac{1}{2} \times 4$, and $8\frac{1}{2} \times 3$ mm.
- Type 3.* "L. C. & Co. - Mar. 1, - 1864." in three horizontal lines of Roman upper and lower case type.
- Type 4.* "L. & C. - 1864." in two horizontal lines of Roman capitals measuring 16×4 , and $8 \times 2\frac{1}{2}$ mm.
- Type 5.* A single-lined circle 20mm. in diameter inscribed "H. C. - Mar. - 19 - 1865." in Roman capitals.
- Type 6.* As type 5 excepting that the upper line of the inscription reads "L. & C."
- Type 7.* As type 5 excepting that the circle is 22mm. in diameter and the day of the month is omitted.

JOHN J. LEVY.

- Type 1.* "J. J. L. - Dec. - 1862." in three horizontal lines measuring 14×4 ; 10×3 , and 11×3 mm. The first line is in script capitals; the others in *sans serif*.

VICTOR E. MAUGER.

- Type 1.* "V. E. M. - Oct. - 1870." in three horizontal lines of Roman capitals measuring 11×2 ; $5 \times 2 \times 1$, and $6\frac{1}{2} \times 1\frac{1}{2}$ mm.
- Type 2.* An ace of Spades containing, in a colorless centre, the monogram "V. E. M."; below, in two lines of Roman type measuring $8\frac{1}{2} \times 2 \times 1\frac{1}{2}$, and 3×2 mm., "Dec. 18 - '78."

CANNED FRUIT.

T. KENSETT & CO.

- Type 1.* "T. Kensett & Co. - Baltimore." in two vertical lines of Roman type measuring $22 \times 2\frac{1}{2} \times 1\frac{1}{2}$, and $14 \times 2\frac{1}{2} \times 1\frac{1}{2}$ mm.
- Type 2.* As last excepting that the first line is shorter, measuring but 17mm.



ADDENDA.

THIRD ISSUE—2c.

We have been shown a copy of this stamp with the frame printed in *claret* instead of orange. The color is pure, very even, and exactly matches the deeper shades used for the frame of the one cent value.

While there is, of course, a chance that the color has been altered in some way there is very little likelihood that such is the case and, in our opinion, the stamp is one of a sheet which, by mistake, was printed in the color of the one cent value.

MARYLAND MATCH CO.

The records of the Bureau of Engraving and Printing show that, between Sept. 5, 1882 and Feb. 12, 1883, there were issued to "Tittlebaum & Macklin" 1,005,060 one cent stamps.

Further inquiry has elicited the fact that these stamps were from the plate of the Maryland Match Co.* a fact which is surprising inasmuch as stamps from this plate are unknown on any but silk paper and that none are recorded as having been issued after August, 1874, until the date first above mentioned.

The balance of these stamps delivered to the Government at the expiration of his contract by Mr. Carpenter was 1,970,451.† These were all on *silk paper*. Was it not for the fact that the Bureau issued, and consequently had records of, *only those stamps which it had printed*,‡ we should be inclined to think that the 1,005,060 spoken of above were a part of the balance delivered by Mr. Carpenter.

As it is we are totally unable to explain this issue, or what became of the stamps. Certainly none are known on the watermarked paper which was the *only paper* used by the Bureau.

FRED BROWN.

2c. Black.

A counterfeit of Die 2§ of this stamp has been submitted to us; the following being a description of it and the particulars wherein it differs from the genuine:

Size of engraving 105‡ x 52mm instead of 103 x 52mm, or two and

*See p. 191.

†See p. 133.

‡See p. 100, under the 10c. value.

§See page 229-230.



one-half mm longer. This is due to the fact that, in the genuine, the directions just below the design proper are so close to it that the upper line cuts through the fine outer line of color which outlines the lower part of the design. This fine line is entirely missing over the "F" of "For"; the "P, R" and "S" of "Person", and the "T E A" and "P" of "Teaspoonful."

In the counterfeit this fine line of color is continuous and, while it is slightly waved, it makes no pretense of following the sinuosities of the outer edge of the design proper.

The directions are $1\frac{1}{2}$ mm below the wavy line at their nearest approach to it and are in decidedly smaller type. In the genuine the four lines measure $48\frac{1}{2}$, $51\frac{1}{2}$, $49\frac{1}{2}$ and $34\frac{1}{2}$ mm in length respectively, while in the counterfeit they measure $44\frac{1}{2}$, 49, $45\frac{1}{2}$ and 32mm.

In the genuine the "O" of "Dose" falls directly under the point of the left ornament of the frame; in the counterfeit the "D" is under the point.

The letters of the inscription "*F. Brown's*" are all well shaped and evenly shaded in the genuine. In the counterfeit they are not so well shaped and the exterior shading is too heavy and uneven, as, for example, under the "B R O", when it forms an unbroken line instead of following the outline of each letter and showing portions of the lined ground between them. This is equally true of the inscriptions in the lower half of the stamp. In the word "*Essence*" the final "E" is too far from the "C": the "OF" is particularly noticeable for its poor execution, the "F" being too short and squatty.

The shading under the word "*Jamaica*" is continuous under the letters "AMAI" in the genuine while, in the counterfeit, it extends further to the right so as to include the "C" In the genuine the words "*Ginger*" and "*Laboratory*" are particularly well formed and shaded. In the counterfeit the reverse is true, the shading under both words being practically continuous; here, too, the shading of the two lower lines of the inscriptions is so heavy as to make them appear to be in colorless characters upon a label of solid color.

The whole outline of the stamp, while it resembles the genuine quite closely, varies from it in many minor details. This is particularly noticeable in the shape of the upper, central projection which, in the genuine, is quite blunt and rounded, but is sharp and pointed in the counterfeit. The outer line, too, is too far away from the edge of the design.

In the genuine the lines of the groundwork and of the reticulation supporting the rosettes, as well as the rosettes themselves, are all clear and distinct. In the counterfeit they are all very blotchy, so much so as to give the appearance, under a glass, of blotches of color upon a white ground, instead of colorless lines upon a ground of solid color.

The head of Washington in the genuine is a clear and beautifully executed piece of work and the ground of the oval containing it is closely hatched with fine vertical and horizontal lines. In the counterfeit the head is a blotch, much too heavily shaded, and the ground of the oval is of solid color.

It is undoubtedly printed from a lithographic transfer and is upon heavy, rather soft, white wove paper.





REFERENCE LIST.



FIRST ISSUE, 1862-1871.

Denom- ination	Title	Color	Imperf.	Perf. at sides only	Perf. at top and bottom only	Perforated			
						Thin	Med.*	Thick	Silk
1. 1c.	Express	Dull red	*	*					
2. 1c.	"	Pale red				*			
3. 1c.	"	Dark red				*			
4. 1c.	"	Dull rose	*	*	*	*			
5. 1c.	Playing Cards	Dull red	*	*		*			
6. 1c.	"	Dark red				*			
7. 1c.	"	Dull pink				*			
8. 1c.	Proprietary	Pale red	*	*		*			
9. 1c.	"	Dark red				*			
10. 1c.	"	Lake red				*			
11. 1c.	"	Bright red				*	*		*
12. 1c.	"	Brownish red				*	*		
13. 1c.	"	Rose pink				*	*		
14. 1c.	Telegraph	Pale red	*			*			
15. 1c.	"	Bright red				*			
16. 1c.	"	Dark red				*			
17. 1c.	"	Dull rose				*			*
18. 2c.	Bank Check	Pale blue	*	*	*	*			
19. 2c.	"	Dull blue	*	*		*			
20. 2c.	"	Dark blue				*			
21. 2c.	" (shifted die)	Pale blue	*	*		*			
22. 2c.	" "	Dull blue				*			
23. 2c.	"	Yellow orange				*	*		
24. 2c.	"	Orange				*	*		
25. 2c.	" (shifted die)	"				*			
26. 2c.	"	Red orange				*			
27. 2c.	"	Orange on green				*			
28. 2c.	Certificate	Dull blue	*			*			
29. 2c.	" (shifted die)	"				*			
30. 2c.	Certificate	Orange				*			
31. 2c.	" (shifted die)	"				*			
32. 2c.	Express	Dull blue	*	*	*	*			
33. 2c.	"	Orange				*			
34. 2c.	"	Red orange				*			

The asterisks denote what is known to exist.
* Medium.



Denomination	Title	Color	Imperf.	Perf. at sides only.	Perf. at top and bottom only	Perforated.			
						Thin	Med.	Thick	Silk
35. 2c.	Playing Cards	Dull blue		*		*			
36. 2c.	"	Dark blue				*			
37. 2c.	"	Orange				*			
38. 2c.	Proprietary	Dull blue				*	*		*
39. 2c.	"	Pale blue					*	*	
40. 2c.	"	Dark blue				*			
41. 2c.	"	Ultramarine				*			
42. 2c.	"	Orange				*			
43. 2c.	U. S. Inter. Rev.	Yellow orange				*	*	*	
44. 2c.	"	Orange				*		*	*
45. 2c.	"	Red Orange				*			
46. 2c.	"	" on green				*			
47. 3c.	For'gn Exchange	Green				*	*		*
48. 3c.	"	Dark green		*		*	*	*	
49. 3c.	"	Yellow green				*	*		
50. 3c.	"	Blue green				*			
51. 3c.	Proprietary	Pale green				*	*		
52. 3c.	"	Dark green		*		*			
53. 3c.	"	Yellow green				*	*	*	*
54. 3c.	"	Blue green				*	*		
55. 3c.	Telegraph	Gray green		*		*			
56. 3c.	"	Green		*		*			
57. 3c.	"	Dark Green	*	*		*			
58. 3c.	"	Blue green				*			
59. 3c.	Playing Cards	Deep blue green	*			*			
60. 3c.	"	Dark green				*			
61. 4c.	Inland Exchange	Pale brown				*	*		
62. 4c.	"	Dull brown]				*			
63. 4c.	"	Brown				*	*		*
64. 4c.	"	Red brown					*		
65. 4c.	"	Purplish brown				*			
66. 4c.	Playing Cards	Slate				*			
67. 4c.	"	Greenish slate				*			
68. 4c.	"	Gray lilac				*			
69. 4c.	"	Dark gray lilac				*			
70. 4c.	Proprietary	Pale slate				*			



Denomina- tion.	Title	Color	Imperf.	Perf. at sides only.	Perf. at top and bottom only.	Perforated.			
						Thin	Med.	Thick	Silk
71. 4c.	Proprietary	Bluish slate				*			
72. 4c.	"	Greenish slate					*		
73. 4c.	"	Dark slate		*		*			
74. 4c.	"	Gray lilac				*	*		
75. 4c.	"	Pale lilac				*			
76. 4c.	"	Deep lilac				*			
77. 4c.	"	Pale mauve				*	*		
78. 4c.	"	Deep mauve				*	*	*	
79. 4c.	"	Brown				*			
80. 4c.	"	Purplish brown				*	*		*
81. 5c.	Agreement	Pale red				*	*		
82. 5c.	"	Bright red				*	*		*
83. 5c.	"	Lake red				*		*	
84. 5c.	"	Brownish red				*	*		
85. 5c.	"	Dull rose				*	*		*
86. 5c.	Certificate	Pale red	*	*		*			*
87. 5c.	"	Dull red				*	*	*	*
88. 5c.	"	Bright red				*	*	*	
89. 5c.	"	Lake red				*			
90. 5c.	"	Dull rose				*	*		
91. 5c.	"	Rose pink				*	*		
92. 5c.	Express	Dull rose	*	*		*			
93. 5c.	"	Pale red				*			
94. 5c.	"	Brownish red				*			
95. 5c.	For'gn Exchange	Pale red				*	*		
96. 5c.	"	Lake red				*			
97. 5c.	"	Dull rose				*	*		
98. 5c.	Inland Exchange	Dull red	*	*		*			
99. 5c.	"	Lake red		*		*			
100. 5c.	"	Bright red				*			
101. 5c.	"	Brownish red				*			
102. 5c.	"	Dull rose				*	*		
103. 5c.	Playing Cards	Dull red				*			
104. 5c.	"	Pale rose				*			
105. 5c.	Proprietary	Dull red				*			*
106. 5c.	"	Dull rose				*			



Denomination.	Title	Color	Imperf.	Perf. at sides only	Perf. at top and bottom only	Perforated.			
						Thin	Med.	Thick	Silk
107. 6c.	Inland Exchange	Yellow orange				*	*	*	
108. 6c.	"	Orange				*	*		*
109. 6c.	"	Red orange				*	*		
110. 6c.	Proprietary	Orange				*			
111. 10c.	Bill of Lading	Dull blue	*			*			
112. 10c.	"	Blue				*			
113. 10c.	Certificate	Dull blue	*	*		*			
114. 10c.	"	Blue				*	*	*	*
115. 10c.	"	Dark blue				*			
116. 10c.	Contract	Dull blue		*		*			*
117. 10c.	"	Blue				*			*
118. 10c.	"	Deep blue				*			
119. 10c.	"	Ultrama'neblue				*			
120. 10c.	"	Ultramarine				*	*		
121. 10c.	For'gn Exchange	Dull blue				*			
122. 10c.	"	Dark blue				*			
123. 10c.	"	Ultramarine				*	*		
124. 10c.	Inland Exchange	Dull blue	*	*		*			
125. 10c.	"	Pale blue				*			
126. 10c.	"	Blue		*		*		*	
127. 10c.	"	Dark blue		*		*			
128. 10c.	Power of Attor'y	Dull blue		*		*			
129. 10c.	"	Pale blue				*			
130. 10c.	"	Dark blue				*			
131. 10c.	"	Greenish blue				*			
132. 10c.	Proprietary	Dull blue				*			
133. 10c.	"	Pale blue				*			
134. 15c.	For'gn Exchange	Brown				*			
135. 15c.	"	Dark brown				*			
136. 15c.	Inland Exchange	Brown	*	*		*			
137. 15c.	"	Dark brown		*		*			
138. 15c.	"	Slate brown				*			
139. 15c.	"	Red brown		*		*			
140. 20c.	For'gn Exchange	Dull rose	*			*			
141. 20c.	"	Rose pink				*			
142. 20c.	Inland Exchange	Dull rose	*	*		*			



Denomination.	Title	Color	Imperf.	Perf. at sides only	Perf. at top and bottom only	Perforated.			
						Thin	Med.	Thick	80k
143. 25c.	Bond	Dull red	*	*					
144. 25c.	"	Dull pink		*		*			
145. 25c.	Certificate	Pale red	*	*		*	*		
146. 25c.	"	Dull red				*	*		*
147. 25c.	"	Dark red				*			
148. 25c.	Insurance	Pale red					*	*	*
149. 25c.	"	Dull red					*	*	*
150. 25c.	"	Dark red	*	*			*		*
151. 25c.	"	Brown red				*			
152. 25c.	"	Rose pink				*			
153. 25c.	Entry of Goods	Pale red	*	*		*			
154. 25c.	"	Dull red	*	*		*	*	*	*
155. 25c.	"	Dark red				*			
156. 25c.	"	Dull pink				*		*	
157. 25c.	Life Insurance	Dull red	*	*		*			
158. 25c.	"	Brown				*			
159. 25c.	Power of Attor'y	Dull red	*	*		*	*		
160. 25c.	"	Lake red				*			
161. 25c.	"	Dull pink				*	*		
162. 25c.	"	Rose pink				*			
163. 25c.	Protest	Dull red	*	*		*			
164. 25c.	Wareho'se Rec'pt	Dull red	*	*		*			
165. 25c.	"	Dull pink	*	*		*			
166. 30c.	For'gn Exchange	Gray lilac	*	*		*			
167. 30c.	"	Slate violet				*	*		
168. 30c.	"	Greenish gray				*			
169. 30c.	"	Brownish claret				*			
170. 30c.	Inland Exchange	Pale gray				*			
171. 30c.	"	Bluish gray	*	*		*			
172. 30c.	"	Greenish gray				*			
173. 30c.	"	Brownish gray				*			
174. 30c.	"	Purplish gray				*			
175. 30c.	"	Slate violet	*	*		*			
176. 30c.	"	Violet				*			
177. 30c.	"	Red violet				*			
178. 40c.	"	Pale brown		*		*			



Denomi- nation.	Title	Color	Imperf.	Perf. at sides only	Perf. at top and bottom only	Perforated.			
						Thin	Med.	Thick	Silk
179. 40c.	Inland Exchange	Bistre brown				*			
180. 40c.	"	Dark brown				*			
181. 40c.	"	Red brown				*			
182. 50c.	Conveyance	Dull blue	*	*		*	*		
183. 50c.	"	Pale blue				*			
184. 50c.	"	Bright blue				*			
185. 50c.	"	Dark blue				*			*
186. 50c.	"	Steel blue	*						
187. 50c.	"	Ultramarine blue				*	*	*	
188. 50c.	"	Ultramarine				*	*	*	*
189. 50c.	Entry of Goods	Dull blue	*			*	*		
190. 50c.	"	Pale blue				*			
191. 50c.	"	Bright blue				*			
192. 50c.	"	Dark blue		*		*	*	*	*
193. 50c.	For'gn Exchange	Dull blue	*	*		*			
194. 50c.	Lease	Dull blue	*	*		*			
195. 50c.	"	Blue				*			
196. 50c.	Life Insurance	Dull blue	*			*	*		
197. 50c.	"	Pale blue				*			
198. 50c.	"	Bright blue				*			
199. 50c.	"	Dark blue				*			
200. 50c.	"	Greenish blue				*	*		
201. 50c.	Mortgage	Dull blue	*	*		*			*
202. 50c.	"	Pale blue				*			
203. 50c.	"	Dark blue				*			
204. 50c.	"	Greenish blue				*		*	
205. 50c.	Original Process	Dull blue	*			*	*	*	*
206. 50c.	"	Blue				*	*		*
207. 50c.	"	Bright blue				*			
208. 50c.	"	Dark blue				*	*		*
209. 50c.	"	Greenish blue				*	*	*	
210. 50c.	Passage Ticket	Dull blue	*	*		*			
211. 50c.	"	Pale blue				*			
212. 50c.	Probate of Will	Dull blue	*	*		*			
213. 50c.	Surety Bond	Dull blue	*	*		*	*		
214. 50c.	"	Pale blue				*			



Denomination.	Title	Color	Imperf.	Perf. at sides only	Perf. at top and bottom only	Perforated.			
						Thin	Med.	Thick	Silk
215. 50c.	Surety Bond	Dark blue				*			
216. 50c.	"	Ultramarine				*			
217. 60c.	Inland Exchange	Yellow orange				*			*
218. 60c.	"	Orange	*	*		*			
219. 60c.	"	Red orange				*			
220. 60c.	"	Orange red				*			
221. 70c.	For'gn Exchange	Yellow green				*	*		*
222. 70c.	"	Green	*	*		*			
223. 70c.	"	Dark green					*		
224. 70c.	"	Blue green				*			
225. \$1.00	Conveyance	Pale red	*						
226. 1.00	"	Dull red				*			
227. 1.00	"	Scarlet				*	*		*
228. 1.00	Entry of Goods	Pale red	*						
229. 1.00	"	Dull red				*			
230. 1.00	"	Bright red				*			
231. 1.00	"	Orange red				*			*
232. 1.00	For'gn Exchange	Pale red	*			*			
233. 1.00	"	Dull red				*			
234. 1.00	"	Bright red				*			
235. 1.00	"	Dark red				*			
236. 1.00	Inland Exchange	Pale red	*			*			
237. 1.00	"	Dull red	*	*	*	*	*	*	
238. 1.00	"	Dark red				*			
239. 1.00	"	Orange red				*	*		*
240. 1.00	"	Scarlet vermill'n				*			*
241. 1.00	Lease	Pale red	*			*			
242. 1.00	"	Dark red				*	*		
243. 1.00	Life Insurance	Pale red	*						
244. 1.00	"	Bright red				*	*		
245. 1.00	"	Dark red				*			
246. 1.00	Mortgage	Pale red	*			*			
247. 1.00	"	Dull red				*			
248. 1.00	Manifest	Pale red	*			*			
249. 1.00	"	Dull red				*			
250. 1.00	Passage Ticket	Pale red	*			*			



Denomination	Title	Color	Imperf.	Per. at sides only	Perf. at top and bottom only	Perforated.			
						Thin	Med.	Thick	Silk
251. \$1.00	Power of Attor'y	Pale red	*			*			
252. 1.00	"	Dark red				*			
253. 1.00	Probate of Will	Pale red	*			*			
254. 1.00	"	Dark red				*			
255. 1.30	For'gn Exchange	Yellow orange	*			*	*		
256. 1.30	"	Red orange				*			
257. 1.50	Inland Exchange	Pale blue				*			
258. 1.50	"	Blue	*			*			
259. 1.50	"	Dull blue	*			*			
260. 1.00	For'gn Exchange	Yellow green				*			
261. 1.00	"	Blue green	*			*	*		
262. 1.00	"	Pale mauve	*			*			
263. 1.00	"	Deep mauve				*			
264. 1.00	"	Brown violet				*			
265. 2.00	Conveyance	Dull red	*	*		*	*		
266. 2.00	"	Bright red				*			
267. 2.00	"	Dark red				*			
268. 2.00	"	Orange red				*			*
269. 2.00	Mortgage	Dull red				*			
270. 2.00	"	Dark red	*			*			
271. 2.00	"	Scarlet vermil'n				*			*
272. 2.00	Probate of Will	Dark red	*			*			
273. 2.50	Inland Exchange	Gray				*			
274. 2.50	"	Gray lilac	*			*	*		
275. 2.50	"	Brownish lilac				*			
276. 2.50	"	Blackish purple				*			
277. 2.50	"	Pale mauve				*			
278. 2.50	"	Deep mauve				*		*	
279. 2.50	"	Deep bro'n vio't				*			
280. 2.50	"	Rose brown					*		
281. 3.00	Charter Party	Yellow green				*	*	*	*
282. 3.00	"	Dark green	*			*	*	*	
283. 3.00	Manifest	Yellow green				*			
284. 3.00	"	Blue green	*			*			
285. 3.50	Inland Exchange	Blue	*			*			
286. 3.50	"	Dark blue				*			



Denomi- nation.	Title	Color	Imperf.	Perf. at sides only	Perf. at top and bottom only	Perf.			
						Thin	Med.	Thick	Silk
287. \$5.00	Charter Party	Dark red	*			*			
288. 5.00	"	Orange vermill'n				*			*
289. 5.00	Conveyance	Dark red	*			*			
290. 5.00	"	Bright red				*			
291. 5.00	"	Orange red				*	*	*	*
292. 5.00	Manifest	Pale red	*			*			
293. 5.00	"	Dull red				*			
294. 5.00	Mortgage	Pale red	*			*			
295. 5.00	Probate of Will	Dull red	*			*			
296. 10.00	Charter Party	Dark green	*			*			
297. 10.00	"	Blue green				*			
298. 10.00	Conveyance	Dark green	*			*			
299. 10.00	"	Blue green				*			
300. 10.00	Mortgage	Dark green	*			*			
301. 10.00	"	Blue green				*			
302. 10.00	Probate of Will	Dark green	*			*			
303. 10.00	"	Blue green				*			
304. 15.00	Mortgage	Dark blue	*			*			
305. 15.00	"	Milky blue				*			
306. 15.00	"	Ultramarine				*			
307. 20.00	Conveyance	Orange vermil'n	*			*			*
308. 20.00	"	Scarlet vermil'n				*			
309. 20.00	Probate of Will	Orange vermil'n	*			*			
310. 25.00	Mortgage	Orange vermil'n	*			*			
311. 25.00	"	Scarlet vermil'n				*			*
312. 50.00	U. S. Inter Rev.	Pale green				*			
313. 50.00	"	Dark green	*			*	*	*	
314. 50.00	"	Yellow green	*			*			
315. 50.00	"	Blue green	*			*			
316. 200.	"	Scarlet and pale yellow green	*			*			
317. 200.	"	Carmine & gr'n	*			*	*		



SECOND ISSUE, 1871-1875.

Value	Colors	Char- meleon Paper	Inver- ted Mo- dillon	Sewing Ma- chine Perfor- ation.
318. 1c.	Blue and black (shades)	*	*	
319. 2c.	"	*	*	
320. 3c.	"	*		
321. 4c.	"	*		
322. 5c.	"	*	*	
323. 6c.	"	*		
324. 10c.	"	*	*	
325. 15c.	"	*		
326. 20c.	"	*	*	
327. 25c.	"	*	*	*
328. 30c.	"	*		
329. 40c.	"	*		*
330. 50c.	"	*	*	*
331. 60c.	"	*		
332. 70c.	"	*	*	
333. \$1.00	"	*	*	
334. 1.30	"	*		*
335. 1.50	"	*		*
336. 1.60	"	*		
337. 1.90	"	*		
338. 2.00	"	*		
339. 2.50	"	*		
340. 3.00	"	*		
341. 3.50	"	*		
342. 5.00	"	*	*	
343. 10.00	"	*		
344. 20.00	"	*		
345. 25.00	"	*		
346. 50.00	"	*		
347. 200.00	Blue, black and red	*		
348. 500.00	Blue, black, green and red	*		



THIRD ISSUE, 1871-1875.

Value	Colors	Cha- meleon Paper	Inver- ted Me- dallion	Sewing Ma- chine Perfor- ation.
349. 1c.	Claret and black, shades	•		
350. 2c.	Yellow orange and black	•	•	
351. 2c.	Red orange and black	•		
352. 2c.	Claret and black	•		
353. 4c.	Brown and black, slight shades	•		
354. 5c.	Yellow orange and black	•		
355. 5c.	Red orange and black	•	•	
356. 6c.	"	•		
357. 15c.	Brown and black, slight shades	•	•	
358. 30c.	Red orange and black	•	•	
359. 40c.	Pale brown and black	•		
360. 40c.	Deep reddish-brown and black	•		
361. 60c.	Yellow orange and black	•		
362. 60c.	Red orange and black	•		
363. 70c.	Yellow green and black	•		
364. 70c.	Blue green and black	•		
365. \$1.00	Yellow green and black	•	•	
366. 2.00	Orange vermillion and black	•		
367. 2.00	Scarlet vermillion and black	•		
368. 2.50	Deep claret and black	•	•	
369. 3.00	Yellow green and black	•		
370. 3.00	Blue green and black	•		
371. 5.00	Dull vermillion and black	•		
372. 5.00	Bright vermillion and black	•		
373. 10.00	Yellow-green and black	•		
374. 20.00	Yellow orange and black	•		
375. 20.00	Red orange and black	•		



FOURTH ISSUE, 1874-1875.

Value	Colors	Char- meleon Paper.	Inver- ted Mada- gascar	Sewing Ma- chine Perfor- ation
377. 2c.	Orange and black shades	*	*	

FIFTH ISSUE, 1875.

Value	Colors	Silk Paper.	Wmk'd Paper. Perf.	Wmk'd Paper, Non- letted
378. 2c.	Blue, pale to deep	*	*	*
	“ imperforate	*		
	“ partly perforated	*		

SIXTH ISSUE, 1894-1898.

Value	Colors	Imper- forate	Perfor- ate	Perf. Wmk'd Paper
379. 2c.	Lake		*	
380. 2c.	Ultramarine	*	*	
381. 2c.	Blue (issued in 1898)			*



SEVENTH SERIES.

 PROVISIONAL ISSUE, JUNE, 1898.

SURCHARGED "I. R." UPON POSTAGE STAMPS WATERMARKED "U. S. P. S."

382.	1c.	Green (shades), small, red surcharge.
383.	1c.	" " " " " var., square periods.
384.	1c.	" " " large, " "
385.	1c.	" " " " " var., small period after "I."
386.	1c.	" " " " " " comma after "I."
387.	1c.	" " " " " inverted.
388.	1c.	" " " " " " var. small period after "I."
389.	1c.	" " " " " " " comma " "I."
390.	2c.	Carmine, " blue surcharge.
391.	2c.	" " " " " var. small period after "I."
392.	2c.	" " " " " " comma after "R."
393.	2c.	" " " " " inverted.
394.	2c.	" " " " " " var. small period after "I."
395.	2c.	" " " " " " " comma after "R."

SURCHARGED "INT. REV. \$5, DOCUMENTARY," UPON NEWSPAPER AND PERIODICAL STAMP.

396.	\$5.00.	Blue, red surcharged reading from top to bottom of stamp.
397.	\$5.00.	" " " " " " bottom to top of stamp.



SEVENTH ISSUE, 1898.

DOCUMENTARY.

Value	Color	Rouletted	Imperf.	Imperf. vertically	Imperf. horizontally
308.	½c. Bright orange	*			
309.	½c. Gray	*			
400.	½c. Slate	*			
401.	1c. Pale blue	*			*
402.	1c. Blue	*			
403.	2c. Carmine rose	*			
404.	2c. Pale carmine	*			*
405.	2c. Carmine	*	*		
406.	2c. Deep carmine	*			
407.	2c. Carmine red	*			
408.	2c. Carmine lake	*			
409.	3c. Dark blue	*			
410.	4c. Pink	*			
411.	5c. Lilac	*			*
412.	10c. Brown	*			
413.	10c. Dark brown	*			*
414.	25c. Purple brown	*			
415.	25c. Brown violet	*			
416.	40c. Purplish blue	*			
417.	50c. Slate violet	*			
418.	50c. Slate gray	*			
419.	80c. Yellow ochre	*			
420.	\$1.00 Deep yellow green	*			
421.	3.00 Lilac brown	*		*	
422.	5.00 Orange red	*			
423.	10.00 Gray black	*			
424.	10.00 Intense black	*			
425.	30.00 Bright red	*			
426.	50.00 Bistre brown	*			



PROPRIETARIES, 1871-1875.

Value	Colors	Violet Paper			Green Paper		
		Perforated	Inverted Medallion	Sewing Machine Perforation	Perforated	Inverted Medallion	Sewing Machine Perforation
501. 1c.	Yellow green and black	*			*		
502. 2c.	"	*	*		*		
503. 3c.	"	*	*	*	*		
504. 4c.	"	*	*		*		
505. 5c.	"	*			*		
506. 6c.	"	*			*		
507. 10c.	"				*		
508. 50c.	"	*			*		
509. \$1.00	"	*			*		
510. 5.00	"	*			*		
511. 1c.	Blue green and black	*	*		*		
512. 2c.	"	*			*		
513. 3c.	"	*			*		
514. 4c.	"	*			*		
515. 5c.	"	*			*		
516. 6c.	"	*			*		
517. 10c.	"	*			*		



PROPRIETARIES, 1875-1881.

Value	Color	Silk Paper Perfor- ated	Wmk'd Paper	
			Perfor- ated	Ro- letted
518. 1c.	Yellow green	•	•	•
519. 1c.	Bluish green	•	•	•
520. 2c.	Brown (slight shades)	•	•	•
521. 3c.	Dull orange		•	•
522. 3c.	Yellow orange		•	•
523. 3c.	Bright orange	•	•	
524. 3c.	Orange red			•
525. 4c.	Pale red-brown	•	•	
526. 4c.	Brown red	•	•	
527. 4c.	Dark red-brown		•	
528. 4c.	Rose red		•	
529. 4c.	Orange red		•	
530. 4c.	Bright red			•
531. 4c.	Dull red			•
532. 5c.	Gray black	•	•	
533. 5c.	Intense black	•	•	•
534. 6c.	Violet blue	•	•	•
535. 6c.	Pale violet		•	
536. 6c.	Violet		•	
537. 6c.	Red-violet		•	•
538. 10c.	Blue		•	
539. 10c.	Deep blue		•	



PROPRIETARIES, 1898.

Value	Color	Rou- letted	Imper- forate	Im- perf. Verti- cally	Im- perf. Hori- zon- tally
540.	½c. Pale yellow green	•			•
541.	½c. Yellow green	•			
542.	½c. Pale orange brown	•			
543.	½c. Deep orange brown	•			
544.	½c. Purplish brown	•			
545.	½c. Bright orange	•		•	
546.	½c. Dull blue	•			•
547.	½c. Bright blue	•			
548.	½c. Dark blue	•			
549.	½c. Deep ultramarine	•			
550.	1c. Yellow green	•			
551.	1c. Deep green	•			
552.	1½c. Slate	•			
553.	1½c. Brown violet	•			
554.	1½c. Blackish purple	•			
555.	1½c. Dull purple	•			
556.	1½c. Rich purple	•			
557.	1½c. Greenish blue	•			
558.	2c. Pale violet brown	•			
559.	2c. Deep violet brown	•			
560.	2½c. Lake	•			
561.	2½c. Deep Lake	•			
562.	2½c. Carmine lake	•			•
563.	3½c. Olive gray	•			
564.	4c. Purple	•			
565.	5c. Bright orange brown	•			



MATCH STAMPS.

Title	Value	Color	Old Paper.			Silk	Pink	Watermarked	
			Thin	Med.	Experimental Silk			Perf.	Rouletted.
001. Akron Match Co.	1c.	Blue	*	*					
002. Arnold & Co.	1c.	Black				*			
003. Alexander's Matches	1c.	Orange	*			*			
004. Alexander's Matches	1c.	Blue				*			
005. Allen's, J. J. Sons	1c.	Blue						*	
006. Allen, Thos.	1c.	Pale yel. gre'n	*						
007. " "	1c.	Full green	*						
008. Allen & Powers	1c.	Pale blue				*		*	
009. " "	1c.	Dark blue				*	*	*	
010. Alligator Match Co.	1c.	Blue						*	*
011. American Fusee Co.	1c.	Black				*	*	*	
012. American Match Co. (Clevel'nd)	1c.	Black	*			*			
013. American Match Co. (Clevel'nd)	3c.	Black	*			*			
014. American Match Co. (Eagle)	1c.	Black	*						
015. American Match Co. (Rock Isl.)	3c.	Bluish green	*						
016. Bagley & Dun- ham	1c.	Green						*	
017. Barber, Geo. & O. C.	1c.	Pale blue	*						
018. Barber, Geo. & O. C.	1c.	Deep blue	*						
019. Barber & Peck- ham	1c.	Blue	*						
020. Barber & Peck- ham	3c.	Black	*						
021. Barber Match Co.	1c.	Light blue	*			*		*	
022. " " "	1c.	Bright blue				*	*	*	*
023. " " "	1c.	Dark blue	*			*		*	
024. " " "	1c.	Greenish blue	*						
025. " " "	1c.	Ultramarine	*						
026. " " "	3c.	Black	*			*			
027. Barber, Jones & Co.	1c.	Yellow green				*			



Title	Value	Color	Old Paper.			Silk	Pink	Watermarked	
			Thin	Med.	Experimental Silk			Perf.	Holelet- ted
628. Barber, Jones & Co.	1c.	Blue green				*			
629. Bauer & Beudal	1c.	Blue	*			*			
630. " "	1c.	Ultramarine	*						
631. Beecher, A. & Son	1c.	Orange	*	*	*	*			
632. Bendel, B. & Co.	1c.	Yellow brown				*			
633. " "	1c.	Brown				*			*
634. " "	12c.	Yellow brown				*			
635. " "	12c.	Brown				*			
636. " H.	1c.	Brown				*			*
637. " "	1c.	Dark brown					*		*
638. " "	1c.	Yellow brown							*
639. " "	12c.	Dark brown				*			
640. Bentz, H. & M.	1c.	Pale blue	*						
641. " "	1c.	Blue	*		*				
642. " "	1c.	Greenish blue	*						
643. Bent & Lea	1c.	Black	*		*				
644. Bock, Schneider & Co.	1c.	Gray black				*			
645. Bock, Schneider & Co.	1c.	Black				*			
646. Bond, Wm. & Co.	4c.	Black				*			
647. " " "	4c.	Yellow green				*	*		*
648. " " "	4c.	Blue green							*
649. Bousfield & Poole	1c.	Gray lilac	*						
650. " "	1c.	Black	*			*			
651. " "	3c.	Lilac	*						
652. " "	3c.	Black	*			*			
653. Boutell & Maynard	1c.	Black				*			
654. Bowers & Dunham	1c.	Green							*
655. Bowers & Dunham	1c.	Blue							*
656. Brockett & Newton, Die 1	1c.	Lake (shades)				*			
657. Brockett & Newton, Die 2	1c.	Lake (shades)				*			
658. Brown & Durling	1c.	Black	*						



Title	Value	Color	Old Paper.			Silk	Pink	Watermarked	
			Thin	Thick	Experimental Silk			Perf.	Rouletted
659. Brown & Durling	1c.	Pale yel. gre'n	*						
660. " "	1c.	Full green	"						
661. " "	1c.	Dark blue gr'n	"						
662. Buck, L. W. & Co.	1c.	Black	"		*				
663. Burhans, D. & Co.	1c.	"	*			*			
664. Busch, Chas.	1c.	"							*
665. Byam, Carleton & Co. (large)	1c.	"	*						*
666. Byam, Carleton & Co. (small)	1c.	"	*	*		*			*
667. Byam, Carleton, Imperf. horiz.	1c.	"							*
668. Cannon Match Co.	1c.	Green					*		
669. Cardinal Match Co.	1c.	Lake							*
670. Chicago Match Co.	3c.	Black	"						
671. Clark, F. E.	1c.	Lake	"		*	*			
672. " Henry A.	1c.	Green				*			
673. " Jas. L.	1c.	"				*	*	*	*
674. " "	1c.	Br'ht yel. gr'n				*			
675. " "	1c.	Blackish gre'n							*
676. " Match Co.	1c.	Lake (shades)				*			
677. Cramer & Kemp	1c.	Black	*						
678. " "	1c.	Light blue	*	*		*			
679. " "	1c.	Dark blue				*			
680. " "	1c.	Ultramarine	*						
681. Crown Match Co.	1c.	Black				*			
682. Curtis, W. D.	1c.	Green	*	*		*			
683. " "	1c.	Yellow green	*			*			
684. Davis, G. W. H.	1c.	Black				*			
685. " "	1c.	Rose carmine							*
686. Doolittle, W. E.	1c.	Blue	*						
687. Dunham, E. P.	1c.	Dark green							*
688. Eaton, Jas.	1c.	Black	"	*	*	*	*	*	*
689. Eddy, E. B.	1c.	Deep carmine							*
690. Eichele, Aug.	1c.	Black	*						



Title	Value	Color	Odd Paper.			80k	Pink	Watermarked	
			Thin	Thick	Experimental 81k			Perf.	Boulet- ted
091. Echele, P. & Co.	1c.	Blue	*		*	*			
092. " "	1c.	Dark blue	*			*			
093. " "	1c.	Greenish blue	*			*			
094. " "	1c.	Ultramarine	*						
095. " & Co.	1c.	Blue				*	*	*	
096. " "	1c.	Ultramarine blue						*	
097. Eisenhart, J. W.	1c.	Dark blue				*	*	*	
098. Excelsior Match Co. (Watert'wn)	1c.	Black				*			
099. Excelsior Match Co. (Syracuse)	1c.	"				*	*	*	
700. Excelsior Match Co. (Baltimore)	1c.	Blue	*	*		*			
701. Excelsior Match Co. (Baltimore)	1c.	Greenish blue	*						
702. Excelsior Match Co. (Baltimore)	1c.	Ultramarine	*						
703. Farr, G. & Co.	1c.	Black	*						
704. Frank, L.	1c.	Brown				*			
705. " "	1c.	Red-brown				*			
706. Gardner, Beer & Co.	1c.	Black					*		
707. Gates, Wm. Die 1	1c.	"	*			*			
708. " " " 2	1c.	"	*	*	*	*			
709. " "	3c.	"	*			*			
710. " " (three 1c. stamps)	3c.	"				*			
711. Gates Wm.	6c.	"	*						
712. Gates, Wm. Sons.	1c.	"				*	*	*	
714. " " (three 1c. st'ps)	3c.	"				*	*	*	
715. Goldback, A. & Co.	1c.	Green				*			
716. Goldback, A. & Co.	1c.	Yellow green				*			
717. Goldback, A.	1c.	Green				*	*		
718. Gorman, T. & Bro.	1c.	Blue green	*	*		*			
719. Gorman, T. & Bro.	1c.	Yellow green		*		*			
720. Gorman Thos.	1c.	" "				*	*	*	
721. Greenleaf & Co.	1c.	Green	*	*		*			



Title	Value	Color	Old Paper.			Silk	Pink	Watermarked	
			Thin	Thick	Experimental Silk			Perf.	Rouletted
722. Greenleaf & Co.	1c.	Yellow green	*			*			
723. " "	3c.	Brownish lake	*			*			
724. " "	5c.	Orange	*			*			
725. Griggs & Goodwill	1c.	Black				*			
726. Griggs & Goodwill	1c.	Yellow green				*			
727. Griggs & Scott	1c.	Black	*			*			
728. Hale, Chas. S.	1c.	Green					*		
729. Henning & Bonhack	1c.	Blue	*						
730. Henning & Bonhack	1c.	Ultramarine	*						
731. Henry, W. E. & Co.	1c.	Red							*
732. Henry, W. E. & Co.	1c.	Black							*
733. Hotchkiss, J. G.	1c.	Green				*	*		
734. " "	1c.	Yellow green				*		*	
735. " "	1c.	Blue green				*			
736. " "	1c.	Dark green							*
737. Howard, B. & H. D.	1c.	Dull lake	*						
738. " "	1c.	Deep lake	*						
739. " "	1c.	Pale blue	*						
740. " "	1c.	Blue	*						
741. " "	1c.	Deep blue	*						
742. " "	1c.	Ultramarine	*	*					
743. Hunt, L. G.	1c.	Black	*	*	*	*			
744. Hutchinson, D. F. Jr.	1c.	Bright lake							*
745. Ives Matches	1c.	Pale blue	*	*		*			
746. " "	1c.	Bright blue	*			*			
747. " "	1c.	Ultramarine	*						
748. " P. T.	1c.	Pale blue						*	*
749. " "	1c.	Deep blue				*	*	*	
750. " "	8c.	Blue	*						
751. Ives & Judd	1c.	Green				*	*	*	
752. " " Match Co.	1c.	Deep green						*	



Title	Value	Color	Old Paper.			Silk	Pink	Watermarked	
			Thin	Thick	Experimental Silk			Perf.	Nonlet- ted
753. Kirby & Sons.	1c.	Yellow green				*			
754. Kyle, W. S.	1c.	Black	*		*	*			
755. Lacour's Matches	1c.	"	*		*				
756. Leeds, Robinson & Co.	1c.	Green						*	
757. Leeds, Robinson & Co.	1c.	Blue green						*	
758. Leigh, H.	1c.	Blue						*	
759. " & Palmer	1c.	Black				*	*	*	
760. Loehr, John	1c.	Bright blue				*			
761. " Joseph	1c.	" "				*	*	*	
762. Macklin, John J. & Co.	1c.	Black	*						
763. Mansfield, F. & Co.	1c.	Blue				*	*	*	
764. Maryland Match Co.	1c.	"				*			
765. Matches (Frank- lin)	1c.	Pale blue	*	*		*			
766. Matches (Frank- lin)	1c.	Deep blue	*			*			
767. Matches (Frank- lin)	1c.	Bright blue				*			
768. Messinger, A.	1c.	Black				*	*	*	
769. National Match Co.	1c.	Blue						*	
770. Newton, F. P.	1c.	Lake				*	*	*	
771. " "	1c.	Deep lake				*	*	*	
772. " "	1c.	Brown lake						*	
773. " "	1c.	Carmin lake				*	*		
774. " "	1c.	Rose lake						*	
775. N. Y. Match Co.	1c.	Pale blue	*		*	*			
776. " "	1c.	Bright blue	*			*			
777. " "	1c.	Prussian blue				*			
778. " "	1c.	Orange verm'l.	*						
779. " "	1c.	Scarlet verm'l.	*	*	*	*			
780. " "	1c.	Vermilion red	*	*					
781. " "	1c.	Yellow green	*			*			
782. " "	1c.	Blue green				*			
783. " "	5c.	Deep blue				*			



Title	Value	Color	Old Paper.			Silk	Pink	Watermark-d	
			Thin	Thick	Experi- mental silk			Perf.	Roulet- ted
784. Newbauer & Co.	4c.	Blue green				*	*	*	
785. " "	4c.	Yellow green				*	*	*	
786. Orono Match Co.	1c.	Pale blue	*			*			
787. " "	1c.	Dark blue	*			*			
788. " "	1c.	Greenish blue	*			*			
789. Park City Match Co.	1c.	Green	*			*			
790. Park City Match Co.	1c.	Yellow green	*			*			
791. Park City Match Co.	1c.	Blue green	*			*			
792. Park City Match Co.	3c.	Orange	*						
793. Penn Match Co.	1c.	Deep blue							*
794. Pierce "	1c.	Green	*						
795. Portland "	1c.	Black	*						
796. Powell, V. R.	1c.	Bright blue	*	*					
797. " "	1c.	Deep blue				*			
798. Reading Match Co.	1c.	Black							*
799. Reed & Thompson	1c.	"							*
800. Richardson, D. M.	1c.	Pale red	*						
801. " "	1c.	Black	*	*		*			
802. " "	3c.	Vermilion	*						
803. " "	3c.	Blue	*	*		*			
804. " "	3c.	Ultramarine blue				*			
805. " Match Co.	1c.	Black				*	*	*	
806. " "	3c.	Blue				*			
807. Roeber, H. & W.	1c.	Pale blue	*			*			
808. " "	1c.	Deep blue	*			*			
809. " "	1c.	Ultramarine		*					
810. " Wm.	1c.	Pale blue				*			*
811. " "	1c.	Deep blue				*	*	*	
812. " "	1c.	Ultramarine							*
813. Russell, E. T.	1c.	Black	*	*	*	*			
814. Ryder, Crouse & Welch.	1c.	Lake							*
815. San Francisco Match Co.	12c.	Blue				*			



Title	Value	Color	Old Paper.			Silk	Pink	Watermarked	
			Thin	Thick	Experimental silk			Perf.	Reulet- ted
816. Schmitt & Schmittziel	1c.	Orangevermil.				*		*	
817. Schmitt & Schmittziel	1c.	Scarlet "				*	*	*	
818. Schmitt & Schmittziel	3c.	Blue				*			
819. Schmitt & Schmittziel	3c.	Dark blue				*			
820. Smith, E. K.	1c.	Blue				*		*	*
821. " "	1c.	Dark blue				*	*	*	
822. Standard Match Co.	1c.	Black						*	
823. Stanton, H.	1c.	"	*			*	*	*	
824. Star Match Corporation	1c.	Gray black	*	*		*	*	*	
825. Star Match Corporation	1c.	Full black	*			*		*	
826. Swift & Courtney	1c.	Pale blue				*			
827. " "	1c.	Bright blue	*			*			
828. " "	1c.	Deep blue	*			*			
829. " "	1c.	Dull blue	*			*			
830. " "	1c.	Ultramarine	*		*				
831. Swift & Courtney (worn plate)	1c.	Pale blue				*			
832. Swift & Courtney & Beecher	1c.	Blue				*		*	
833. Swift & Courtney	1c.	Bright blue				*	*	*	
834. " "	1c.	Ultramarine blue				*		*	
835. Trenton Match Co.	1c.	Blue						*	
836. Tyler, E. R.	1c.	Yellow green	*						
837. " "	1c.	Blue green	*			*			
838. Underwood Alex.	1c.	Yellow green	*		*				
839. " "	1c.	Blue green	*			*			
840. Union Match Co.	1c.	Black						*	
841. Universal Safety Match Co.	1c.	"	*	*		*			
842. Washington Match Co.	1c.	"				*			
843. Wilmington Par- lor Match Co.	1c.	"	*	*	*				
844. Wise & Co.	1c.	"	*						
845. Zalus, F. & Co.	1c.	"				*	*	*	



Title	Value	Color	Old Paper.			Silk	Pink	Watermarked	
			Thin	Thick	Experimental Silk			Perf.	Houlet- ted
846. Zisemann, Griesheim & Co.	1c.	Green	*						
847. Zisemann, Griesheim & Co.	1c.	Blue	*	*	*	*			
848. Zisemann, Griesheim & Co.	1c.	Deep blue	*			*			
849. Zisemann, Griesheim & Co.	1c.	Ultramarine	*	*					



MEDICINE STAMPS.

Title	Value	Color	Mode of Separation	Old Paper			Silk	Pink	Wmk.
				Thin	Thick	Ex. Silk			
901. Anglo-American Drug Co.	1c.	Black	Perf.						*
902. Ayer, J. C. & Co.	1c.	"	Imperf.	*			*	*	*
903. "	1c.	Red	"	*					
904. "	1c.	Carmine	"	*					
905. "	1c.	Purple	"	*					
906. "	1c.	Orange	"	*					
907. "	1c.	Green	"	*					
908. "	1c.	Blue	"	*					
909. "	4c.	Purple	Die cut.	*					
910. "	4c.	Green	"	*					
911. "	4c.	Black	"	*					
912. "	4c.	Red	"	*					
913. "	4c.	Vermillion	"	*					
914. "	4c.	Pale blue	"	*	*				*
915. "	4c.	Dull blue	"	*			*		*
916. "	4c.	Dark blue	"	*			*		*
917. "	4c.	Ultramarine blue	"	*			*		*
918. "	4c.	Dull blue	uncut	*			*		*
919. Barham Pile Cure	4c.	Green	Perf.						*
920. Barnes, D. S.	1c.	Vermillion	"	*					
921. " "	2c.	"	"	*					
922. " "	4c.	"	"	*					
923. " "	1c.	Black	"	*					
924. " "	2c.	"	"	*					
925. " "	4c.	"	"	*					
926. " Demas	1c.	"	"	*					
927. " "	2c.	"	"	*					
928. " "	4c.	"	"	*					
929. Barnes, Demas & Co.	1c.	"	"	*	*		*		
930. Barnes, Demas & Co.	2c.	"	"	*			*		
931. Barnes, Demas & Co.	4c.	"	"	*					
932. Barr, T. H. & Co.	4c.	"	"	*					



Title	Value	Color	Mode of Separation	Old Paper			Sik	Pink	Wmk.
				Thin	Thick	Ex. Sik			
933. Barry's Tricoph- erous	2c.	Blue green	Perf.	*			*		
934. Barry's Tricoph- erous	2c.	Yellow green	"				*		
935. Barry's Proprie- tary	2c.	Green	"				*	*	*
936. Barry's Proprie- tary	2c.	Blue green	"						*
937. Bennett, D. M.	1c.	Lake	"	*	*				
938. Blow, W. T.	1c.	Pale green	"	*			*	*	*
939. " "	1c.	Blue green	"				*		*
940. Brandreth, B.	1c.	Black	"	*			*		
941. " "	1c.	"	Imperf.	*	*		*		
942. Brandreth, B. (All- cock's large)	1c.	"	"				*		
943. Brandreth, B. (All- cock's small)	1c.	"	"				*	*	*
944. Brandreth, B. (All- cock's small)	1c.	"	Perf.				*		
945. Brown, C. F.	1c.	Blue	"	*	*		*		
946. " "	1c.	Deep blue	"				*		*
947. " "	1c.	Ultramarine blue	"		*		*		*
948. " Fred, Die 1.	2c.	Black	Imperf.	*			*	*	*
949. " " " 2.	2c.	"	"				*		
950. " John I. & Son	1c.	"	Perf.	*			*		*
951. " " "	2c.	Pale yel. gr'en	"	*		*	*		*
952. " " "	2c.	Dark yel. gr'n	"	*			*		
953. " " "	2c.	Deep blue gr'n	"	*			*		
954. " " "	2c.	Pale green	"				*	*	
955. " " "	4c.	Deep brown	"	*			*		
956. " " "	4c.	Yellow brown	"				*		
957. " " "	4c.	Red brown	"				*		*
958. Bull John	1c.	Black	"	*			*	*	*
959. " "	4c.	Pale blue	"	*	*		*	*	*
960. " "	4c.	Bright blue	"				*	*	*
961. " "	4c.	Deep blue	"				*	*	
962. " "	4c.	Ultramarine	"				*		*
963. Burnett, Jos. & Co.	4c.	Black	"	*			*	*	*
964. Campion, J. W. & Co.	4c.	"	uncut				*	*	*



Title	Value	Color	Mode of Separation	Old Paper			Sik	Pink	Wmk.
				Thin	Thick	Ex. Sik			
965. Campion, J. W. & Co.	4c.	Black	Die cut				*	*	*
966. Cannon & Co.	4c.	Blue green	Imperf.				*	*	*
967. Centaur Co.	1c.	Pink	Perf.						*
968. " "	1c.	Scarlet verm'l.	"					*	*
969. " "	1c.	Dull red	"					*	*
970. " "	2c.	Black	"					*	*
971. " "	4c.	"	"						*
972. Chase, A. W., Son & Co.	1c.	"	"				*		*
973. Chase, A. W., Son & Co.	2c.	"	"				*		*
974. Chase, A. W., Son & Co.	4c.	"	"				*		*
975. Clarke, Wm. E.	3c.	Blue	"						*
976. " "	6c.	Black	"						*
977. Clark, R. C. & C.S.	4c.	"	"				*		*
978. Collins Bros.	1c.	"	"	*		*			*
979. Comstock, W. H.	1c.	"	"						*
980. Crittenton, Chas. N.	1c.	"	"				*		*
981. Crittenton, Chas. N.	1c.	Blue	"					*	*
982. Crittenton, Chas. N.	2c.	Black	"				*	*	*
983. Cook & Bernheimer	4c.	Blue	"						*
984. Cook & Bernheimer	4c.	Deep, dull blue	"						*
985. Crook, Oliver, & Co.	4c.	Black	"	*	*		*		*
986. Curtis, Jeremiah, & Son	1c.	"	"	*					*
987. Curtis, Jeremiah, & Son	2c.	"	"	*			*	*	*
988. Curtis & Brown	1c.	"	"	*			*		*
989. " "	2c.	"	"				*		*
990. Curtis & Brown Mfg. Co.	1c.	"	"					*	*
991. Curtis & Brown Mfg. Co.	2c.	"	"				*		*
992. Dalley's Pain Extract, Die 1.	1c.	"	"	*					*



Title	Value	Color	Mode of Separation	Old Paper			Silk	Pink	Wmk.
				Thin	Thick	Ex. SILK			
993. Dalley's Pain Extract Die 2	1c.	Black	Perf.	*			*	*	
994. Dalley's Horse Salve	2c.	Yellow green	"	*			*	*	
995. Dalley's Horse Salve	2c.	Blue green	"	*			*	*	
996. Davis, Perry & Son	1c.	Light blue	"	*			*	*	
997. " "	1c.	Blue	"	*			*	*	
998. " "	1c.	Dark blue	"	*			*	*	
999. " "	1c.	Greenish blue	"	*			*	*	
1000. " "	1c.	Ultramarine blue	"	*			*	*	
1001. " "	1c.	Ultramarine	"	*			*	*	
1002. " "	2c.	*Purple	"	*			*	*	
1003. " "	2c.	Black	"	*			*	*	
1004. " "	2c.	Lake	"	*			*	*	
1005. " "	2c.	Brown lake	"	*			*	*	
1006. " "	2c.	Slate	"	*			*	*	
1007. " "	4c.	Brown	"	*			*	*	
1008. " "	4c.	Yellow brown	"	*			*	*	
1009. " "	4c.	Pale red-b'wn	"	*			*	*	
1010. " "	4c.	Deep red-b'wn	"	*			*	*	
1011. Drake, P. H. & Co.	2c.	Black	"	*			*	*	
1012. " "	4c.	"	"	*			*	*	
1013. Fahnestock, B. A.	1c.	Dull lake	Imperf.	*			*	*	
1014. " "	1c.	Bright lake	"	*	*		*	*	
1015. Father Mathew T. M. Co.	4c.	Black	Perf.				*	*	
1016. Flanders, A. H.	1c.	Green	"				*	*	
1017. " "	1c.	Yellow green	"				*	*	
1018. " "	1c.	Blue green	"				*	*	
1019. " "	1c.	Green	Imperf. Vert.	*			*	*	
1020. " "	1c.	Yellow green	Imperf. Vert.	*			*	*	
1021. " "	1c.	Blue green	Imperf. Vert.	*			*	*	
1022. Fleming Bros. (Vermifuge)	1c.	Black	Imperf.	*			*	*	
1023. Fleming Bros. (Liver pills)	1c.	"	"	*			*	*	
1024. Fleming Bros. (Liver pills)	1c.	Pale blue	"	*			*	*	

*See p. 244.



Title	Value	Color	Mode of Separation	Old Paper.			80k	Pink	Wmk.
				Thin	Thick	Ex. 80k			
1025. Fleming Bros. (Liver Pills)	1c.	Deep blue	Imperf.	*			*		*
1026. Fowle, Seth W.	4c.	Black	Perf.	*		*	*		*
1027. Green, G. G.	3c.	"	"						*
1028. " "	3c.	"	Roul.						*
1029. Hall, Reuben, & Co.	4c.	"	Perf.	*			*		*
1030. Hall & Ruckel	1c.	Green	"	*	*		*	*	*
1031. " "	1c.	Yellow green	"	*		*	*		*
1032. " "	1c.	Blue green	"	*			*		*
1033. " "	3c.	Gray black	"	*			*		*
1034. " "	3c.	Full black	"		*		*	*	*
1035. Harter, Dr., & Co.	1c.	Black	"	*	*	*	*		*
1036. Harter, & Dr. Harter	1c.	"	"				*	*	*
1037. Hartman, S. B. & Co.	4c.	"	"	*			*	*	*
1038. Hartman, S. B. & Co.	6c.	"	"	*			*		*
1039. Hazeltine, E. T.	1c.	"	"						*
1040. " "	2c.	Blue	"				*		
1041. " "	4c.	Black	"	*			*		*
1042. Heaton, Edward	3c.	"	"						*
1043. " "	3c.	Brown	"						*
1044. Helmbold (H. T.)	2c.	Pale blue	"	*					
1045. " "	2c.	Blue	"	*			*		
1046. " "	2c.	Bright blue	"	*	*				
1047. " "	2c.	Ultramarine blue	"	*					
1048. " "	3c.	Green	"	*			*		
1049. " "	3c.	Yellow green	"	*			*		
1050. " "	4c.	Gray black	"	*	*		*		
1051. " "	4c.	Full black	"	*			*		
1052. " "	6c.	Gray black	"	*	*		*		
1053. " "	6c.	Full black	"	*			*		
1054. " A. L.	2c.	Blue	"				*	*	*
1055. " "	4c.	Black	"				*	*	*
1056. Henry, John F.	2c.	Mauve	"	*	*				
1057. " "	4c.	Bistre	"	*					



Title	Value	Color	Mode of Separation	Old Paper			Silk	Pink	Wmk.
				Thin	Thick	Ex. Silk			
1058. Henry, John F.	1c.	Gray black	Perf.	*			*		*
1059. " "	1c.	Full black	"	*			*	*	*
1060. " "	2c.	Light blue	"	*	*		*		*
1061. " "	2c.	Blue	"	*			*		*
1062. " "	2c.	Dark blue	"				*	*	*
1063. " "	2c.	Greenish blue	"	*			*		*
1064. " "	2c.	Ultramarine blue	"				*		*
1065. " "	4c.	Dull verm'l'n	"	*			*		*
1066. " "	4c.	Scarlet "	"				*	*	*
1067. " "	4c.	Pink	"				*		*
1068. Herrick's Pills	1c.	Black	"	*			*	*	*
1069. " Plasters	1c.	Brick red	"	*	*		*		*
1070. " "	1c.	Dull red	"				*		*
1071. " "	1c.	Bright red	"	*			*		*
1072. " "	1c.	Orangeverm'l.	"				*		*
1073. " "	1c.	Scarlet "	"				*	*	*
1074. " "	1c.	Rose pink	"				*		*
1075. Hetherington, J. E.	1c.	Black	"				*		*
1076. Hetherington, J. E.	2c.	"	"				*		*
1077. Hetherington, J. E.	3c.	"	"				*		*
1078. Hetherington, J. E.	3c.	"	imperf.				*		*
1079. Hiscox & Co.	2c.	"	Perf.				*		*
1080. " "	4c.	"	"				*	*	*
1081. Holloway's Pills	1c.	Pale blue	"	*	*		*		*
1082. " "	1c.	Blue	"	*	*		*		*
1083. " "	1c.	Dark blue	imperf.	*			*		*
1084. Holman's Liver Pad	1c.	Blue green	Perf.				*		*
1085. Holman's Liver Pad	4c.	" "	"				*		*
1086. Home Bitters Co.	2c.	Blue	"				*		*
1087. " "	2c.	Ultramarine blue	"				*		*
1088. " "	3c.	Yellow green	"				*	*	*
1089. " "	4c.	" "	"				*		*
1090. " "	4c.	Dark green	"				*		*



Title	Value	Color	Mode of separation	Old Paper.			Silk	Pink	Wmk.
				Thin	Thick	Experimental Silk			
1001. Hop Bitters Co.	4c.	Black	Perf.						•
1002. Hostetter & Smith	4c.	"	imperf.	•			•	•	•
1003. " "	6c.	"	"	•		•			
1004. Howe, S. D. (Dunponco's Pills)	4c.	Black*	Perf.	•			•		
1005. Howe, S. D. (Arabian Milk)	4c.	Blue	"				•		
1006. Howe, S. D. (Arabian Milk)	4c.	Dark blue	"				•		•
1007. Howe, S. D. (Arabian Milk)	4c.	Ultramarine blue	"				•		•
1008. Hull, C. E. & Co.	1c.	Black	"	•			•	•	•
1009. Husband, T. J.	2c.	Violet	imperf.	•					
1100. " "	2c.	Vermilion	"	•			•		•
1101. " "	2c.	Rose red	"						•
1102. Hutchins & Hill- yer	4c.	Yellow green	"	•	•		•		
1103. Hutchins & Hill- yer	4c.	Blue green	"	•			•		
1104. Jackson, J. A. & Co.	4c.	Yellow green	Perf.	•					
1105. Jackson, J. A. & Co.	4c.	Blue green	"				•		
1106. Jayne, Dr. D., & Son	1c.	Pale blue	Perf. uncut	•					
1107. " " "	1c.	" "	Perf. Die cut uncut	•					
1108. " " "	1c.	" "	Die cut	•			•		
1109. " " "	1c.	" "	Die cut	•			•		
1110. " " "	1c.	Dark blue	uncut	•	•		•	•	•
1111. " " "	1c.	" "	Die cut	•	•		•	•	•
1112. " " "	1c.	Ultramarine blue	"	•					
1113. " " "	1c.	Blue (ruled pa- per)†	"	•					
1114. " " "	2c.	Black	Perf. cut	•					
1115. " " "	2c.	"	uncut				•	•	•
1116. " " "	2c.	"	Die cut	•			•	•	•
1117. " " "	4c.	Green	Perf. cut	•					
1118. " " "	4c.	"	uncut	•			•	•	•
1119. " " "	4c.	"	Die cut	•			•	•	•

* The red and the green stamps were never regularly issued. See pp. 363-366.

† See p. 270.



Title	Value	Color	Mode of Separation	Old Paper			Silk	Pink	Wmk.
				Thin	Thick	Ex. Silk			
1120. Jayne, Dr. D. & Son	4c.	Yellow green	uncut	*			*	*	*
1121. " " "	4c.	" "	Die cut	*			*		*
1122. " " "	4c.	Blue green	uncut	*			*		*
1123. " " "	4c.	" "	Die cut	*			*		*
1124. Johnston, Holloway & Co.	1c.	Black	Perf.				*		*
1125. Johnston, Holloway & Co.	2c.	Yellow green	"				*		*
1126. Johnston, Holloway & Co.	2c.	Blue green	"				*		*
1127. Johnson, I. S., & Co.	1c.	Dull red	"				*		*
1128. Johnson, I. S., & Co.	1c.	Vermilion	"				*	*	*
1129. Johnson, I. S., & Co.	1c.	Pink	"						*
1130. Kelly, J. B., & Co.	1c.	Full black	imperf.	*		*			
1131. " " "	1c.	Greenish bl'k	"	*					
1132. Kendall, B. J., & Co.	4c.	Blue	Perf.						*
1133. Kennedy, Dr.	2c.	Green	"	*			*	*	*
1134. " "	2c.	Yellow green	"	*			*	*	
1135. " "	2c.	Blue green	"						*
1136. " "	6c.	Black	"				*	*	*
1137. Kennedy & Co.	2c.	"	"				*	*	*
1138. Kennedy & Co. (K. & Co.)	1c.	Green	"						*
1139. Kennedy & Co. (K. & Co.)	1c.	Yellow green	"						*
1140. Kennedy & Co. (K. & Co.)	1c.	Blue green	"						*
1141. Kerr, Jas. C.	4c.	Blue	"	*			*		
1142. " "	4c.	Dark blue	"				*		*
1143. " "	4c.	Ultramarine blue	"						*
1144. " "	6c.	Black	"	*					
1145. Lawrence & Martin	4c.	"	"						*
1146. Lee & Osgood	1c.	Pale blue	"	*					
1147. " "	1c.	Dark blue	"				*		
1148. " "	1c.	Ultramarine blue	"						*



Title	Value	Color	Mode of separation	Old Paper.			Silk	Pink	Wmk.
				Thin	Med.	Experimental Silk			
1149. Lippmann, J. & Bro.	4c.	Pale blue	Perf.	*					
1150. Lippmann, J. & Bro.	4c.	Dark blue	"				•		
1151. Littlefield, Alvah	1c.	Black	"	*		*	•		•
1152. " "	4c.	Green	"				•		
1153. " "	4c.	Yellow green	"	*			•		
1154. Low, Prof.	1c.	Black	"				•	•	•
1155. Lyon Mfg. Co.	1c.	"	"				•	•	•
1156. " " "	2c.	"	"				•	•	•
1157. McCullough, J.	4c.	"	"				•		•
1158. McLean, J. H.	1c.	"	"	*			•	•	•
1159. Manhattan Medical Co.	1c.	Grayish violet	"						•
1160. Manhattan Medical Co.	1c.	Bluish violet	"						•
1161. Manhattan Medical Co.	1c.	Bright purple	"						•
1162. Manhattan Medical Co.	2c.	Black	"				•	•	•
1163. Mansfield & Higbee	1c.	Blue	"				•		
1164. " " "	2c*.	"	"				•		
1165. " " "	4c†.	"	"				•		
1166. " S., & Co.	1c.	"	"				•	•	•
1167. " " "	2c*.	"	"				•	•	•
1168. " " "	4c.†	"	"				•	•	•
1169. Marsden, T. W.	2c.	Pale blue	"	*					
1170. " " "	4c.	Black	"	*					
1171. Mercado & Seully	2c.	"	imperf.	*					
1172. Merchants Gargling Oil	1c.	"	Perf.	*			•	•	•
1173. Merchants Gargling Oil	2c.	Yellow green	"	*			•		
1174. Merchants' Gargling Oil	2c.	Blue green	"				•	•	•
1175. Mette & Kanne	3c.	Black	"						•
1176. Mischler's Herb Bitters Co.	4c.	"	"						•
1177. Moody, Michel & Co.	4c.	"	imperf.				•		

* Horizontal pair imperforate between. See p. 281.

† Block of four, outer edges perforated only. See p. 282.



Title	Value	Color	Mode of Separation	Old Paper			Silk	Pink	Wmk.
				Thin	Thick	Ex. Silk			
1178. Moore, C. C.	1c.	Orange verm'l.	Perf.						*
1179. " "	1c.	Dull red	"						*
1180. " "	2c.	Black	"				*	*	*
1181. Morehead's Magic Plaster	1c.	"	"	*					
1182. Morehead's Neurodyne	4c.	"	"	*					
1183. New York Pharmacal Asso.	4c.	"	"				*	*	*
1184. Perl, Dr. M., & Co.	6c.	"	impert.	*					
1185. Pierce, R. V.	1c.	Yellow green	Perf.				*		
1186. " "	1c.	Blue green	"				*	*	*
1187. " "	2c.	Black	"	*	*	*	*	*	*
1188. Pieters, Bennett & Co.	4c.	"	"	*			*		
1189. Pieters, Bennett & Co.	6c.	"	"	*					
1190. Radway & Co.	2c.	"	"	*			*	*	*
1191. Ransom, D. & Co.	1c.	Blue	"	*	*	*	*		
1192. " "	1c.	Dull blue	"	*					
1193. " "	2c.	Black	"	*		*	*		
1194. " D., Son & Co.	1c.	Bright blue	"				*	*	*
1195. Ransom, D., Son & Co.	1c.	Dark blue	"				*		*
1196. Ransom, D., Son & Co.	2c.	Black	"				*	*	*
1197. Redding's Russian Salve.	1c.	"	"				*		*
1198. Ring's Vegetable Ambrosia	2c.	Dark blue	uncut				*		
1199. Ring's Vegetable Ambrosia	2c.	" "	Die cut				*		
1200. Ring's Vegetable Ambrosia	4c.	Black	uncut	*			*		*
1201. Ring's Vegetable Ambrosia	4c.	"	Die cut	*			*		*
1202. Ring's Vegetable Ambrosia	4c.	"	Perf.				*		*
1203. Rose, J. B. & Co.	2c.	"	"				*	*	*
1204. " " "	4c.	"	"				*		
1205. Rumford Chemical Works	2c.	Yellow green	"						*



Title	Value	Color	Mode of Separation	Old Paper.			Silk	Pink	Wmk.
				Thin	Thick	Experimental Silk			
1206. Rumford Chemical Works	2c.	Blue green	Perf.						*
1207. Rumford Chemical Works	2c.	" "	Imperf.						*
1208. Sands, A. B. & D.	1c.	" "	Perf.	*		*	*		
1209. " "	1c.	" "	"	*					
1210. Sands, M. F. J. & H. M.	2c.	Green					*	*	*
1211. Scheetz's Bitter Cordial	4c.	Black	"				*		
1212. Scheetz's Bitter Cordial	4c.	"	Imperf.				*		
1213. Schenk's Mandrake Pills	1c.	Yellow green	"	*	*		*		
1214. Schenk's Mandrake Pills	1c.	Blue green	"	*			*		*
1215. Schenk's Mandrake Pills	1c.	Green	"				*	*	
1216. Schenk's Mandrake Pills	1c.	"	Perf.	*					
1217. Schenk's Pulmonic Syrup	6c.	Black	"	*					
1218. Schenk's Pulmonic Syrup	6c.	"	Imperf.	*			*	*	*
1219. Schenck, J. H. & Son	4c.	"	Perf.						*
1220. Schwartz, J. E. & Co.	1c.	Dull lake	Imperf.				*		
1221. Schwartz, J. E. & Co.	1c.	Bright lake	"				*	*	*
1222. Seabury & Johnson	1c.	Black	Perf.						*
1223. Seabury & Johnson ("Porous" erased with die)	1c.	"	"						*
1224. Seabury & Johnson ("Porous" erased with pen)	1c.	"	"						*
1225. Seabury & Johnson ("porous" erased with pen)	1c.	Lake	"						*
1226. Sigesmond, S. Brown	4c.	Deep blue	Perf.						*
1227. Scovill, A. L. & Co.	1c.	Black	"	*	*		*		
1228. Scovill, A. L. & Co.	2c.	Pale green	"	*	*	*	*		



Title	Value	Color	Mode of Separation	Old Paper.			Silk	Pink	Wmk.
				Thin	Thick	Experimental Silk			
1229. Seelye, D. H. & Co.	8c.	Black	imperf.	*					
1230. Simmons, I. A. (Inka, Miss.)	1c.	"	Perf.				*	*	
1231. Simmons, I. A. (St. Louis)	1c.	"	"					*	
1232. Smith, S. N. & Co.	4c.	Gray black	"				*	*	
1233. " "	4c.	Full black	"				*	*	
1234. Stevens, H. R.	1c.	Brown	"					*	
1235. " "	2c.	Gray brown	"					*	
1236. " "	2c.	Olive brown	"					*	
1237. " "	6c.	Black	"				*	*	
1238. Swain, Jas.	6c.	Yellow orange	Die cut	*					
1239. " "	8c.	Red orange	"	*					
1240. " "	8c.	" "	uncut	*					
1241. " Wm.	8c.	Yellow orange	"	*	*				
1242. " "	8c.	" "	Die cut	*	*				
1243. " "	8c.	Red orange	" "				*	*	
1244. " "	8c.	" "	uncut				*	*	
1245. Swett, G. W.	4c.	Gray black	Die cut	*	*				
1246. " "	4c.	Full black	" "	*	*				
1247. " "	4c.	Green	Perf.				*	*	
1248. Talcott, Geo.	2c.	Orange verm'l.	"					*	
1249. " "	2c.	Pinkish red	"					*	
1250. " "	4c.	Black	"				*	*	
1251. Tarrant & Co.	4c.	Orange verm'l.	"				*	*	
1252. " "	4c.	Scarlet verm'l.	"				*	*	
1253. " "	4c.	Bright red	"				*	*	
1254. " "	4c.	Pink	"					*	
1255. " "	4c.	Dull pink	"					*	
1256. Thompson, John L.	1c.	Black	"	*			*	*	
1257. U. S. Prop. Medicine Co.	4c.	Full black	"	*	*	*	*	*	
1258. U. S. Prop. Medicine Co.	4c.	Blue black	"	*			*	*	
1259. U. S. Prop. Medicine Co.	6c.	Black	"	*			*	*	
1260. Van Duser, S. R.	4c.	"	"	*			*	*	



Title	Value	Color	Mode of Separation	Old Paper.			Silk	Pink	Wmk.
				Thin	Thick	Experimental Silk			
1261. Van Duser, S. R.	6c.	Black	Perf.						•
1262. Vogler, A. & Co.	1c.	"	"				•		
1263. " Meyer & Co.	1c.	Orangeverm'l.	"					•	
1264. " " "	1c.	Dull red	"						•
1265. " " "	1c.	Pinkish red	"						•
1266. Warner, H. H. & Co.	1c.	Yellow brown	"						•
1267. Warner, H. H. & Co.	1c.	Deep brown	"						•
1268. Warner, H. H. & Co.	6c.	" "	"						•
1269. Warner, H. H. & Co. (long)	2c.	Red brown	"						•
1270. Warner, H. H. & Co. (long)	4c.	" "	"						•
1271. Warner, H. H. & Co. (long)	6c.	" "	"						•
1272. Weeks & Potter	1c.	Black	"				•		•
1273. " "	2c.	"	"				•		
1274. " "	4c.	"	"				•	•	•
1275. " "	2c.	Vermilion	"					•	•
1276. " "	2c.	Dull red	"					•	•
1277. Wells, Richardson & Co.	4c.	Black	"						•
1278. West India Mfg. Co.	4c.	"	"				•	•	•
1279. Wilder, Edward	1c.	Yellow green	uncut	•					
1280. " "	1c.	"	Die cut	•					
1281. " "	1c.	Blue green	uncut				•		•
1282. " "	1c.	" "	Die cut				•		•
1283. " "	4c.	Vermilion	uncut	•			•		
1284. " "	4c.	"	Die cut	•			•		
1285. " "	4c.	Lake	uncut	•			•		•
1286. " "	4c.	"	Die cut	•			•		•
1287. Wilson, E. A.	12c.	Blue	Perf.				•		
1288. " "	12c.	Bright blue	"						•
1289. " Thos. E.	4c.	Black	"	•					
1290. World's Dispensary Medical Asso.	1c.	Blue green	"						•
1291. World's Dispensary Medical Asso.	2c.	Black	"						•



Title	Value	Color	Mode of Separation	Old Paper.			Silk	Pink	Wmk.
				Thin	Thick	Experimental Silk			
1292. Wright's Indian Vegetable Pills	1c.	Yellow green	Perf.	*	*		*	*	*
1293. Wright's Indian Vegetable Pills	1c.	Blue green	"	*			*	*	*
1294. Zellin, J. H. & Co.	2c.	Yellow green	"				*		
1295. " "	2c.	" "	imperf.	*	*		*		*
1296. " "	2c.	Blue green	"				*	*	*
1297. " "	2c.	Red	Perf.				*		



PERFUMERY STAMPS.

Title	Value	Color	Mode of Separation	Old Paper.			Silk	Pink	Wmkd.
				Thin	Thick	Experimental Silk			
1301. Corning & Tappan	1c.	Black	imperf.						•
1302. " "	1c.	"	Perf.						•
1303. " "	1c.	"	Die cut						•
1304. " " (name erased)*	1c.	"	"						•
1305. Corning & Tappan	1c.	Blue	Perf.						•
1306. Petridge & Co.	2c.	Vermillion	Die cut	•					
1307. Hoyt, E. W., & Co.	1c.	Black	"				•	•	•
1308. Hoyt, E. W. & Co.	2c.	"	"						•
1309. Hoyt, E. W. & Co.	4c.	"	"				•	•	•
1310. Kidder & Laird	1c.	Orange verm'l	Perf.						•
1311. " "	1c.	Rose verm'l.	"						•
1312. " "	2c.	Orange verm'l	"						•
1313. " "	2c.	Rose vermil.	"						•
1314. Laird, Geo. W.	3c.	Black	uncut	•			•	•	•
1315. " "	3c.	"	Die cut	•			•	•	•
1316. Lanman & Kemp	1c.	"	Perf.				•	•	•
1317. " "	2c.	Brown	"				•		•
1318. " "	3c.	Yellow green	"				•		
1319. " "	3c.	Blue green	"				•		•
1320. Tetlow's Perfumery	1c.	Bright red	"						•
1321. " "	1c.	Orange verm'l	"						•
1322. " "	1c.	Rose vermil.	"						•
1323. Woodworth, B., & Son	1c.	Yellow green	"				•	•	•
1324. Woodworth, B., & Son	1c.	Blue green	"	•		•	•	•	•
1325. Woodworth, B., & Son	2c.	Blue	"				•	•	•
1326. Wright, R. & G. A.	1c.	Pale blue	"	•					
1327. " " "	1c.	Dull blue	"				•		•
1328. " " "	1c.	Prussian blue	"	•			•		•
1329. " " "	1c.	Dark blue	"	•		•			

*See page 318.



Title	Value	Color	Mode of Separation	Old Paper			Silk	Pink	Wmk.
				Thin	Thick	Ex. Silk			
1330. Wright, R. & G. A.	2c.	Black	Perf.	•	•		•		•
1331. " " "	3c.	Brown lake	"	•		•	•		
1332. " " "	3c.	Lake	"						•
1333. " " "	4c.	Green	"			•			
1334. " " "	4c.	Yellow green	"	•	•				
1335. " " "	4c.	Blue green	"						•
1336. Young, Ladd & Coffin	1c.	" "	imperf.				•	•	•
1337. " " "	2c.	Dark blue	"					•	•
1338. " " "	3c.	Orange verm'l	"				•		•
1339. " " "	3c.	Scar'l't verm'l.	"					•	•
1340. " " "	3c.	Dull red	"						•
1341. " " "	4c.	Yellow brown	"						•
1342. " " "	4c.	Deep brown	"				•	•	•
1343. " " "	4c.	Pale red-brown	"						•
1344. " " "	1c.	Blue green	Perf.				•	•	•
1345. " " "	2c.	Dark blue	"					•	•
1346. " " "	3c.	Orange verm'l	"				•		•
1347. " " "	3c.	Scar'l't verm'l.	"					•	•
1348. " " "	3c.	Dull red	"						•
1349. " " "	4c.	Yellow brown	"						•
1350. " " "	4c.	Deep brown	"				•	•	•
1351. " " "	4c.	Pale red-brown	"						•



PLAYING CARD STAMPS.

Title	Value	Color	Mode of Separation	Old Paper.			Silk	Pink	Wmk.
				Thin	Thick	Experimental Silk			
1401. Dougherty, A.	2c.	Orange	Perf.	*					
1402. " "	4c.	Gray black	"	*					
1403. " "	4c.	Full black	"	*					
1404. " "	5c.	Dull blue	"	*					
1405. " "	5c.	Blue	"	*	*		*		
1406. " "	5c.	Deep blue	"			*	*	*	
1407. " "	5c.	Ultramarine blue	"	*			*		
1408. " "	5c.	Ultramarine	"	*					
1409. Dougherty, A. (small)	5c.	Dull blue	"						*
1410. " "	5c.	Blue	"						*
1411. " "	5c.	Deep blue	"						*
1412. " "	5c.	Ultramarine blue	"						*
1413. Dougherty, A.	10c.	Bright blue	"	*					*
1414. Eagle Card Co.	5c.	Black	"						*
1415. Goodall, Chas.	5c.	"	"	*			*		
1416. Hart, Samuel	5c.	"	"	*			*		
1417. Lawrence & Cohen	2c.	Pale blue	"	*					
1418. " "	5c.	Yellow green	"	*		*	*		
1419. " "	5c.	Blue green	"	*	*		*		
1420. " "	5c.	Bl'ckish green	"				*		
1421. Levy, John J.	5c.	Black	"	*	*		*		
1422. Manger, Victor E., & Petrie	5c.	Blue	"				*		*
1423. Manger, Victor E., & Petrie	5c.	Dark blue	"				*	*	*
1424. New York Cons- olidated Card Co.	5c.	Black	"				*	*	*
1425. Papier Fabrique Co.	5c.	"	"				*	*	*
1426. Russell, Morgan & Co.	5c.	"	"						*



CANNED FRUIT STAMP.

	Title	Value	Color		Thin old Paper
1501.	Kensett, Thos.	1c.	Dull green	Perf.	*
1502.	" "	1c.	Blue green	"	*

MATCH WRAPPERS.

Title	Value	Color	Paper
1601. Byam, Carleton & Co.	1c.	Black	Manila tissue, blocks outside frame
1602. " " "	1c.	"	" " " sunken into frame
1603. " " "	1c.	"	" " (one head)
1604. " " "	1c.	"	White " " "
1605. " " "	1c.	"	Manila " (two heads)
1606. " " "	1c.	"	White " (one head, steel engraved)
1607. " " "	1c.	"	Manila " (two heads, " "
1608. Portland Match Co.	1c.	"	" "
1609. Powell, V. R.	1c.	"	" "
1610. " "	1c.	"	Thick, whitish tissue



MEDICINE WRAPPERS.

Title	Value	Color	Old	Silk	Wm'kd
1701. Burdsal, J. S., & Co.	1c.	Black on white		*	*
1702. " " . . .	1c.	Black on yel. orange		*	*
1703. " " . . .	1c.	Black on deep orange		*	*
1704. Soule, E. L., & Co. (New York)	1c.	Pale blue	*		
1705. " " "	1c.	Blue	*		
1706. " " "	1c.	Dark blue	*		
1707. " " (Syracuse)	1c.	Pale blue	*		
1708. " " "	1c.	Bright blue	*	*	
1709. " " "	1c.	Dull blue	*	*	
1710. " " "	1c.	Ultramarine	*		
1711. " " "	1c.	Bright ultramarine	*		
1712. U. S. Prop. Medicine Co.	1c.	Black	*	*	
1713. " " " . . .	1c.	" on canary yellow	*		
1714. " " " . . .	1c.	" " dull yellow	*		
1715. " " " . . .	1c.	" " ochre yellow	*		
1716. " " " . . .	1c.	" " brown orange	*		
1717. " " " . . .	1c.	" " yellow orange		*	



PROVISIONAL MATCH STAMPS.

Name	Date	Value	Color	Type of Sur.	Color of Sur.	First Issue.	1871-1875 Proprietary		1875-1882 Proprietary	
							Violet Paper	Green Paper	Silk Paper	Wmk'd Paper
1801. Beecher, A., & Son	Sept., 1864.	1c.	Red	1	Black	Prop.				
1802. Brockett & Newton	May 16, 1866	4c.	Mauve	1	Red	"				
1803. Brown & Durling	Nov. 1864	1c.	Red	1	Black	"				
1804. Excelsior Match Co.	June 19, 1872	1c.	Green & black	1	"		*			
1805. Farr, G., & Co.	Oct. 10, 1864	1c.	Red	1	"	Prop.				
1806. Gaffitt, G. W., & Co.	1864	1c.	"	1	"	"				
1807. Gaffitt, G. W. & Co.	1865	1c.	"	1	"	"				
1808. Gorman, Thos., & Bro.	1864	1c.	"	1	"	"				
1809. Gorman, Thos., & Bro.	Mar. 1865	1c.	"	2	"	"				
1810. Ives, P. T.	Oct. 1866	3c.	Green	1	"	Form. Exch. Prop.				
1811. " "	Sept. 1864	4c.	Mauve	1	"	"				
1812. Newbauer & Co.	Mar. 1, 1866	1c.	Red	1	"	"				
1813. Newbauer & Co.	Sept. 21, 1866	2c.	Blue	2	"	"				
1814. Newbauer & Co.	Nov. 15, 1866	2c.	"	2	"	"				
1815. Newbauer & Co.	April 15, 1867	2c.	"	2	"	"				
1816. Newbauer & Co.	May 25, 1867	2c.	"	2	"	"				
1817. Newbauer & Co.	Aug. 15, 1867	2c.	"	2	"	"				
1818. Wise & Co.	Oct. 1866	2c.	Blue	1	"	"				



PROVISIONAL MEDICINE STAMPS.

Name.	Date.	Value	Color	Type of Sur.	Color of Sur.	First Issue	1871-1875 Proprietaries		1876-1882 Proprietaries	
							Violet Paper	Green Paper	Silk Paper	Wmk'd Paper
1901. Barnes, D. S.	Sept. 5, 1864	1c.	Red	1	Black	Prop.				
1902. Barnes, D. S.	Dec. 4, 1862	2c.	Orange	1	"	"				
1903. Barnes, D. S.	Nov. 24, 1864	4c.	Mauve	1	"	"				
1904. Barnes, D. S.	Dec. 31, 1863	2c.	Blue	2	"	"				
1905. Barnes, Demas & Co.	1865	4c.	Mauve	1	"	"				
1906. Bennett, D. M.	Sept. 20, 1864	1c.	Red	1	"	"				
1907. Brown, C. F.	None	1c.	"	1	"	Pl'y'g Cards				
1908. Brown, Fred'k.	"	2c.	Blue	1	"	Pl'y'g Cards				
1909. Brown, Fred'k.	"	2c.	"	1	"	Prop.				
1910. Burnett, Jos., & Co.	Mar. 24, 1863	3c.	Green	1	"	"				
1911. Burnett, Jos., & Co.	Oct. 13, 1863	3c.	"	1	"	"				
1912. Burnett, Jos., & Co.	Jan. 6, 1864	3c.	"	1	"	"				
1913. Burnett, Jos., & Co.	June 7, 1870	3c.	"	1	"	"				
1914. Burnett, Jos., & Co.	Sept. 2, 1865	4c.	Mauve	1	"	"				
1915. Burnett, Jos., & Co.	Mar. 7, 1867	4c.	"	2	"	"				
1916. Burnett, Jos., & Co.	Apr. 23, 1875	3c.	Green & black	3	"	"		*		
1917. Burnett, Jos., & Co.	Mar. 3, 1871	3c.	Green & black	4	"	"	*			
1918. Burnett, Jos., & Co.	Oct. 20, 1871	3c.	Green & black	4	"	"	*			
1919. Burnett, Jos., & Co.	Dec. 12, 1871	3c.	Green & black	4	"	"	*			
1920. Burnett, Jos., & Co.	Jan. 24, 1873	3c.	Green & black	4	"	"	*			
1921. Burnett, Jos., & Co.	Apr. 3, 1874	3c.	Green & black	4	"	"	*			
1922. Burnett, Jos., & Co.	May 1, 1874	3c.	Green & black	4	"	"	*			



Name	Date	Value	Color	Type of Sur.	Color of Sur.	First Issue	1871-1875 Proprietaries		1875-1882 Proprietaries	
							Violet Paper	Green Paper	80k Paper	Wmk. Paper
1923. Burnett, Jos., & Co.	Oct. 27, 1874	3c.	Green & black	4	Black		*			
1924. Burnett, Jos., & Co.	Jan. 28, 1876	3c.	Orange	4	"				*	
1925. Burnett, Jos., & Co.	Mar. —, 1876	3c.	"	4	"				*	
1926. Burnett, Jos., & Co.	Feb. 10, 1878	3c.	"	5	"				*	
1927. Burnett, Jos., & Co.	Jan. 17, 1879	3c.	"	6	"					*
1928. Burnett, Jos., & Co.	Nov. 25, 1879	3c.	"	6	"					*
1929. Burnett, Jos., & Co.	Jan. 17, 1882	3c.	"	6	"					*
1930. Father Matthew T.M.Co.	None	6c.	Violet	1	Red					*
1931. Father Matthew T.M.Co.	"	6c.	Blue	1	Black					*
1932. Fowle, Seth W.	Apr. 29, 1868	1c.	Red	1	"	Prop.				
1933. Fowle, Seth W.	Sept. —	1c.	"	2	"	"				
1934. Hall, R. P. & Co.	Nov. 1, 1865	1c.	"	1	"	"				
1935. Hall, R. P. & Co.	Apr. 4, 1864	4c.	Mauve	2	"	"				
1936. Hall & Ruckel	Nov. 29, 1863	3c.	Green	1	"	"				
1937. Hall & Ruckel	July 20, 1864	3c.	"	2	"	"				
1938. Hall & Ruckel	Jan. 28, 1865	3c.	"	2	"	"				
1939. Helmbold, A. L.	Nov. 17, 1882	4c.	Red	1	Blue					*
1940. Helmbold, A. L.	Jan. 12, 1883	4c.	"	1	"					*
1941. Helmbold, A. L.	Apr. 20, 1883	4c.	"	1	Black					*
1942. Helmbold, A. L.	May 5, 1883	4c.	"	1	Blue					*
1943. Helmbold, A. L.	June 1, 1883	4c.	"	1	"					*
1944. Henry, John F.	None	4c.	Red-brown	1	Red					*
1945. Herrick, Dr.	1876	1c.	Green	1	Black				*	
1946. " "	1878	1c.	"	3	"					*



REVENUE STAMPS OF THE UNITED STATES.

Name	Date	Value	Color	Type of Sur.	Color of Sur.	First Issue	1871-1875 Proprietaries		1875-1882 Proprietaries	
							Violet Paper	Green Paper	Silk Paper	Wmk. Paper
1947. Herrick, Dr.	1878	1c.	Green	3	Red					*
1948. " "	None	1c.	"	2	"					*
1949. " "	"	1c.	"	2	Black					*
1950. " "	5-4-80	1c.	"	4	"					*
1951. " "	7-15-80	1c.	"	4	"					*
1952. " "	8-25-80	1c.	"	4	"					*
1953. " "	1-12-82	1c.	"	4	"					*
1954. " "	4-17-82	1c.	"	4	"					*
1955. " "	6-8-82	1c.	"	4	"					*
1956. " "	6-17-82	1c.	"	4	"					*
1957. " "	11-12-82	1c.	"	4	"					*
1958. " "	4-17-82	4c.	Red-b'wn	4	"					*
1959. " "	11-12-82	4c.	"	4	"					*
1960. " "	11-12-82	4c.	Red	4	"					*
1961. Hostetter & Smith	None	1c.	"	1	"	Prop.				
1962. Hull C. E. & Co.	Jan'y, 1869	1c.	"	1	"	"				
1963. Ingham, H. A. & Co.	Dec. 1, '75	1c.	Green & black	1	"		*			
1964. Ingham, H. A. & Co.	Sept. 24, '77	2c.	Brown	1	"			*		
1965. Jayne, Dr. D. & Son	Jan. 2, '63	1c.	Red	1	"	Prop.				
1966. Jayne, Dr. D. & Son	Jan. 1, '63	2c.	Orange	1	"	"				
1967. Jayne, Dr. D. & Son	Nov. 17, '62	4c.	Mauve	1	"	"				
1968. Jayne, Dr. D. & Son	Jan. 2, '63	4c.	"	1	"	"				
1969. Johnston, Holloway & Co.	Aug. 1864*	1c.	Red	1	"	"				
1970. Johnston, Holloway & Co.	Nov. 1864	1c.	"	1	"	"				
1971. Johnston, Holloway & Co.	Feb. 1865	2c.	Blue	1	"	P. Cards				
1972. Johnston, Holloway & Co.	July, 1865	3c.	Green	1	"	Prop.				
1973. Johnson, I. S. & Co.	Oct. 12, 1866	1c.	Red	1	"	"				
1974. Johnson, I. S. & Co.	June 12, 1867	1c.	"	1	"	"				



Name	Date	Value	Color	Type of Sur.	Color of Sur.	First Issue	1871-1875 Proprietaries		1875-1882 Proprietaries	
							Violet Paper	Green Paper	SRP Paper	Wmk. Paper
1975. Lee & Osgood	Oct. 10, 1863	1c.	Red	1	Black	Prop.				
1976. Lee & Osgood	Feb. 10, 1864	1c.	"	2	"	"				
1977. Lee & Osgood	May 27, 1864	1c.	"	2	"	"				
1978. Lee & Osgood	Sept. 3, 1864	1c.	"	2	"	"				
1979. Lee & Osgood	May 20, 1865	1c.	"	2	"	"				
1980. N. Y. Pharmacal Asso.	May 1, 1880	1c.	Green	1	Purple					*
1981. N. Y. Pharmacal Asso.	July 1, 1882	1c.	"	1	"					*
1982. Radway & Co.	1874	1c.	Green & black	1	Blue			*		
1983. " "	1878	1c.	" "	1	Black		*			
1984. " "	None	1c.	Green	2	Blue				*	
1985. " "	Oct., 1877	1c.	"	3	Black				*	
1986. " "	Apr., 1878	1c.	"	4	Blue				*	
1987. " "	Nov., 1881	1c.	"	5	Purple					*
1988. " "	March, 1879	1c.	"	6	"					*
1989. " "	May 1, 1876	4c.	Red-b'wn	7	Black				*	
1990. Sands, A. B. & D.	1863	4c.	Mauve	1	"	Prop.				
1991. Seelye, Dr. D. H. & Co.	Dec. 18, 1864	4c.	"	1	"	"				
1992. Stevens, H. R.	Feb. 9, 1873	3c.	Green & black	1	"		*			
1993. " "	— 1874	3c.	" "	2	"		*			
1994. " "	Various '76 '77 & '78	3c.	Orange	2	"				*	
1995. " "	Mar. 14, 1881	3c.	"	2	Blue					*
1996. Tarrant & Co.	1874	2c.	Green & black	1	Purple			*		
1997. " "	1874	3c.	Green	1	"		*			
1998. " "	1874	3c.	Orange	1	"				*	
1999. Van Duzer, S. R.	Aug. 1865	1c.	Red	1	Black	Prop.				
2000. " "	Jan. 1866	1c.	"	1	"	"				
2001. " "	May, 1866	1c.	"	1	"	"				
2002. " "	Aug. 1866	1c.	"	1	"	"				
2003. " "	Dec. 1866	1c.	"	1	"	"				



Name	Date	Value	Color	Type of Sur.	Color of Sur.	First Issue	1871-1875 Proprietaries		1875-1882 Proprietaries	
							Violet Paper	Green Paper.	Silk Paper	Wmk. Paper
2004. Van Duzer, S. R.	July, 1867	1c.	Red	1	black	Prop.				
2005. " "	July, 1868	1c.	"	1	"	"				
2006. " "	July, 1869	1c.	"	1	"	"				
2007. " "	Jan., 1870	1c.	"	1	"	"				
2008. " "	1869	2c.	Blue	2	"	"				
2009. " "	1865	3c.	Green	3	"	"				
2010. " "	1866	3c.	"	3	"	"				
2011. " "	1869	3c.	"	3	"	"				
2012. " "	1867	4c.	Mauve	3	"	"				
2013. " "	1867	4c.	"	2	"	"				
2014. " "	1871	2c.	Green & black	2	"		*			
2015. " "	1873	2c.	Green & black	2	"		*			
2016. " "	1873	2c.	Green & black	2	"			*		
2017. " "	1876	2c.	Brown	2	"				*	
2018. " "	1877	2c.	"	2	"				*	
2019. " "	Dec. 1, 1879	2c.	"	4	"					*
2020. " "	Mar. 1, 1882	2c.	"	6	Purple					*
2021. " "	Dec. 1, 1879	3c.	Orange	4	Black					*
2022. " "	Apr. 1, 1880	3c.	"	5	"					*
2023. " "	Dec. 1, 1880	3c.	"	7	"					*
2024. " "	June 25, 1881	3c.	"	4	"					*
2025. " "	Mar. 1, 1882	3c.	"	6	"					*
2026. Weeks & Potter	None	3c.	Green & black	1	"		*			
2027. Weeks & Potter	"	1c.	Green	2	"				*	
2028. Weeks & Potter	"	2c.	Brown	2	"				*	
2029. Weeks & Potter	"	4c.	Red-brown	2	"					*
2030. Wilder, Edw.	May 3, 1809	1c.	Red	1	"	Prop.				
2031. Wright, A. N.	1870	1c.	"	1	"	"				
2032. Zeilin, J. H. & Co.	1879	1c.	Green	1	"					*



PROVISIONAL PERFUMERY STAMPS.

Name	Date	Value	Color	Type of Sur.	Color of Sur.	First Issue	1871-1875		1875-1882	
							Proprietaries Violet Paper	Proprietaries Green Paper	Proprietaries Silk Paper	Proprietaries Wmk. Paper
2101. Hoyt, E. W. & Co.	None	1c.	Green & black	1	Red		*			
2102. Hoyt, E. W. & Co.	"	1c.	Green & black	1	Black		*			
2103. Hoyt, E. W. & Co.	"	1c.	Green & black	1	"		*			
2104. Hoyt, E. W. & Co.	"	4c.	Green & black	1	"		*			
2105. Hoyt, E. W. & Co.	"	1c.	Green	1	"				*	
2106. Hoyt, E. W. & Co.	"	4c.	Red-brown	1	"				*	
2107. Kidder & Laird	June, 1877	1c.	Green	1	Blue				*	
2108. Kidder & Laird	" "	4c.	Red-brown	1	"				*	
2109. Kidder & Laird	July 15, 1879	1c.	Green	2	Black					*
2110. Kidder & Laird	Sept. 13, 1879	1c.	"	2	"					*
2111. Kidder & Laird	Sept. 13, 1879	1c.	"	2	Purple					*
2112. Kidder & Laird	Apr. 23, 1880	1c.	"	2	Red					*
2113. Kidder & Laird	July 10, 1880	1c.	"	3	"					*
2114. Kidder & Laird	July 12, 1880	1c.	"	2	"					*
2115. Kidder & Laird	Jan. 18, 1881	1c.	"	2	Blue					*
2116. Lanman & Kemp	July 1, 1896	3c.	"	1	Black	Prop.				
2117. Lanman & Kemp	Feb. 20, 1899	3c.	"	2	"	"				
2118. Lanman & Kemp	June 14, 1871	3c.	"	2	"	"				
2119. Lanman & Kemp	June 25, 1872	3c.	Green & black	2	"		*			
2120. Lanman & Kemp	June 11, 1872	3c.	Green & black	2	"		*			
2121. Lanman & Kemp	Dec. 5, 1872	3c.	Green & black	2	"		*			
2122. Lanman & Kemp	Nov. 8, 1873	3c.	Green & black	2	"		*			



Name	Date	Value	Color	Type of Sur.	Color of Sur.	First Issue	1871-1875		1875-1882	
							Proprietaries	Green Paper	Silk Paper	Wmk. Paper
2123. Lanman & Kemp	Feb. 13, 1874	3c.	Green & black	2	Black		*			
2124. Lanman & Kemp	June 4, 1874	4c.	Green & black	2	"		*			
2125. Tetlow, Henry	Jan. 6, 1871	1c.	Red	1	"	Prop.				
2126. " "	" "	1c.	"	1	Blue	"				
2127. " "	" "	1c.	Green & black	1	"		*			
2128. " "	Jan. 6, 1875	1c.	Green & black	1	Black			*		
2129. " "	Jan. 5, 1878	1c.	Green	2	Red					*
2130. " "	June 5, 1880	1c.	"	2	Black					*
2131. " "	" "	1c.	Green	2	Red					*
2132. " "	" "	1c.	"	3	Black					*
2133. " "	" "	1c.	"	4	"					*
2134. " "	" "	1c.	"	5	"					*
2135. " "	Oct. 1, 1876	2c.	Brown	6	"					*
2136. Woodworth, C. B. & Son	None	1c.	Green	1	"				*	
2137. Wright, R. & G. A.	1871	4c.	Mauve	1	Blue	Prop.				
2138. Wright, R. & G. A.	None	1c.	Green	2	Black				*	
2139. Wright, R. & G. A.	"	1c.	"	2	"					*
2140. Wright, R. & G. A.	"	2c.	Brown	2	"				*	
2141. Wright, R. & G. A.	"	3c.	Orange	3	"					*
2142. Wright, R. & G. A.	"	4c.	Red-brown	2	"					*



PROVISIONAL PLAYING CARD STAMPS.

Name.	Date.	Value	Color	Type of Sur.	Color of Sur.	First Issue	1871-1875 Proprietaries		1875-1882 Proprietaries	
							Violet Paper	Green Paper	Silk Paper	Wmk'd Paper
2201. Dougherty, A.	Mar. 1863	1c.	Red	1	Black	P. Cards				
2202. " "	July, 1863	1c.	"	1	"	"				
2203. " "	Nov. 1863	1c.	"	1	Blue	"				
2204. " "	" "	1c.	"	1	Black	Prop.				
2205. " "	July, 1863	1c.	"	2	"	P. Cards				
2206. " "	Sept. 1863	1c.	"	2	Red	"				
2207. " "	Nov. 1863	1c.	"	2	Black	"				
2208. " "	" "	1c.	"	2	Blue	"				
2209. " "	Sept. 1863	2c.	Blue	1	Black	"				
2210. " "	Nov. 1863	2c.	"	1	"	"				
2211. " "	Sept. 1863	2c.	"	2	"	"				
2212. " "	Nov. 1863	2c.	"	2	"	Prop.				
2213. " "	July, 1863	3c.	Green	1	"	P. Cards				
2214. " "	"	3c.	"	2	"	"				
2215. " "	"	4c.	Mauve	2	"	"				
2216. " "	"	5c.	Red	1	"	"				
2217. " "	Mar. 1863	5c.	"	1	"	Prop.				
2218. " "	July, 1863	5c.	"	2	"	P. Cards				
2219. " "	1864	5c.	"	3	"	Ex-press				
2220. " "	July, 1863	10c.	Blue	1	"	Prop.				
2221. " "	"	10c.	"	2	"	"				
2222. " "	1864	10c.	"	3	"	"				
2223. Hart, Sam'l & Co.	Jan. 1863	1c.	Red	1	"	"				
2224. " "	Dec. 1863	1c.	"	1	"	P. Cards				
2225. " "	Nov. 1863	2c.	Blue	3	"	"				
2226. " "	Aug. 1865	2c.	"	2	"	Prop.				
2227. " "	Jan. 1863	3c.	Green	1	"	P. Cards				
2228. " "	Dec. 1863	3c.	"	1	"	"				
2229. " "	Jan. 1863	4c.	Mauve	1	"	"				
2230. " "	Dec. 1865	4c.	"	5	"	Prop.				



Name	Date	Value	Color	Type of Sur.	Color of Sur.	First Issue	1871-1875		1875-1882	
							Violet Paper	Green Paper	Silk Paper	Wmk. Paper
2231. Hart, Sam'l & Co.	Jan., 1863	5c.	Red	1	Black	Prop.				
2232. " " "	Dec., 1863	5c.	"	1	"	P. Cards				
2233. " " "	Aug., 1863	5c.	"	2	"	Prop.				
2234. " " "	Aug., 1864	5c.	"	3	"	P. Cards				
2235. " " "	April, 1865	5c.	"	3	"	"				
2236. " " "	Dec., 1865	5c.	"	2	"	"				
2237. " " "	"	5c.	"	2	"	Prop.				
2238. " " "	Aug., 1866	5c.	"	2	"	"				
2239. " " "	Dec., 1865	10c.	Blue	2	"	"				
2240. " " "	Aug., 1864	10c.	"	6	"	"				
2241. Lawrence & Cohen	Nov., 1862	1c.	Red	1	"	P. Cards				
2242. " " "	Jan., 1863	1c.*	"	1	"	"				
2243. " " "	"	1c.†	"	1	"	"				
2244. " " "	"	1c.	"	1	"	"				
2245. " " "	May, 1863	1c.	"	1	"	Prop.				
2246. " " "	July, 1863	1c.	"	1	"	"				
2247. " " "	"	1c.	"	1	"	P. Cards				
2248. " " "	1864	1c.	"	2	"	Prop.				
2249. " " "	Mar. 1, 1864	2c.	Blue	3	"	P. Cards				
2250. " " "	1864	4c.	Mauve	4	"	Prop.				
2251. " " "	"	4c.	"	7	"	P. Cards				
2252. " " "	"	5c.	Red	4	"	"				
2253. " " "	Mar. 9, 1865	5c.	"	5	"	"				
2254. " " "	Aug. 2, 1864	5c.	"	6	"	Prop.				
2255. " " "	1864	10c.	Blue	4	"	"				
2256. Levy, John J.	Dec. 1862.	4c.	Mauve	1	"	"				
2257. " " "	" "	5c.	Red	1	"	"				
2258. " " "	" "	10c.	Blue	1	"	"				
2259. Mauger, Victor E.	Oct. 1870	5c.	Red	1	"	"				
2260. " " "	Nov. 1870	5c.	"	1	"	"				
2261. " " "	Dec. 18, 1878	5c.	Black	2	Dark blue	"				*

*Imperforate.

†Perforated at sides only.



PROVISIONAL CANNED FRUIT STAMPS.

Name	Date	Value	Color	Type of Sur.	Color of Sur.	First Issue	1871-1875 Proprietaries		1875-1882 Proprietaries	
							Violet Paper	Green Paper.	Silk Paper	Wmk. Paper
2301. Kensett, T. & Co.	None	1c.	Red	1	Black	Prop.				
2302. " "	"	1c.	"	2	"	"				





ERRATA.

- Page 38. 3c. Foreign Exchange, "Plate No. 31" should be No. 3 I.
- " 50. 50c. Entry of Goods. Date of first delivery should be Dec. 6, 1862.
- " 53. 70c. Foreign Exchange. Total No. issued should be 1,297,739.
- " 78. 25c. Total No. issued should be 4,972,322.
- " 90. In list of denominations of the Third issue "14c." should be 15c.
- " 99. 3c., 4c. and 5c. Date of last issue should be Oct., 1875.
- " 100. 6c. " " " " " " " "
- " 110. Plate No. 541 (second time) should be 546.
- " 111. 2c. Omit plate No. 586.
- " 121. Line 13, last sentence should read: "but this was not the case."
- " 133. Kyle. The fraction should be 131-210.
- " 134. Bock, Schneider & Co., figures should be 1,253 150-210.
- " 135. Perry Davis & Son. The fraction should be 80-210.
- " 136. McDonald & Co. The figures should be 379,579.
- " 145. Barber & Peckham, 3c. Size of engraving should be 132 x 15½mm.
- " 150. Foot note should refer to p. 10.
- " 163. W. E. Doolittle. Total No. issued should be 693,293.
- " 168. L. Frank. Date of last issue should be 1878.
- " 181. D. F. Hutchinson, Jr. No. of stamps per sheet should be 210.
- " 181. " " " Total No. issued should be 2,100,000.
- " 200. D. M. Richardson. Date of first issue should be Aug. 4, 1864.
- " 297. Standard Match Co. Total No. issued should be 2,444,820.
- " 229. Fred Brown. The second paragraph, instead of: "The 'E' of 'Fred' is not properly shaded," should read: not properly shaped.
- " 237. Chas. N. Crittenton. Size of engraving should be 14 x 43mm.
- " 259. J. E. Hetherington, 3c. Omit the words: "It is larger and."
- " 271. Dr. D. Jayne & Son, 4c. "The perforated stamps of this and the one cent" should read: The perforated stamps of *all values*.
- " 290. J. McCullough. Total No. issued, silk paper, should be: 41,810.
- " 295. Rumford Chemical Works. "The lower corners and ground in colorless" should be: the lower corners, and ground, are colorless.
- " 300. M. A. Simmons (Iuka, Miss.). Date of last issue should be: Dec., 1878.
- " 330. Victor E. Manger & Petrie should be: Victor E. Manger & Petrie.
- " 331. Second line, "Manger" should be: Manger.
- " 331. Papier Fabrique Co. Size of engraving should be: 20 x 26mm.
- " 331. "Papier & Fabrique" should read: Papier Fabrique.
- " 335. "He offered us a bonus" should read: "he offered us a bonus."
- " 349. J. Burnett & Co. Type 2.—should read: The same as type one, etc.
- " 353. Kidder & Laird. Type 1. First measurement should be: 9¼ x 8¼.
- " 383. Wm. Roeder (810) should have an asterisk under "Rouletted."
- " 384. Swift & Courtney (826) should have asterisks under "Thin" and "Silk."





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