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ESSAYS FOR UNITED STATES POSTAGE STAMPS

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CONTENTS

	PAGE
ESSAYS FOR GENERAL ISSUES	5
ESSAYS FOR DEPARTMENT STAMPS	71
ESSAYS FOR REGISTERED SEALS	73
ESSAYS FOR NEWSPAPER STAMPS	75
ESSAYS FOR LETTER SHEETS	76
ESSAYS FOR POSTAL PACKET STAMPS	78

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ESSAYS FOR UNITED STATES POSTAGE STAMPS

NO LIST of essays for United States postage stamps has been published since that written by Mr. John K. Tiffany and published in the American Journal of Philately, 2d series, Vol. II, 1889. The growing popularity of essays seems to warrant a revision of his list. In the following list, all essays described by him are included and his numbers are indicated in parenthesis after the new numbers; his designation of colors has been followed and use has been made of his descriptions, especially in case of Types not seen by the writer.

Type 1. (Tiffany, T. 1.) 1850. Head of Robert Fulton, profile to left, with fur cap; POSTAGE at top and FIVE CENTS at bottom, in colorless capitals on solid labels; ALBANY at left and OFFICE at right in colored capitals on colorless ground; corners filled with scrolls of single colored lines.

Die impression, 23½ x 25½ mm. in color, on

(a) Bond paper, showing an exterior line surrounding stamp and about 2 mm. outside the stamp; vermilion, black, blue, green, brown, purple.

(b) India paper, trimmed and attached to larger India paper; vermilion, black, blue, green, red-brown.

(c) India paper, mounted on card; vermilion, black, blue, brown.

(d) Ivory finished paper; black, blue, vermilion.

Type 2. (Tiffany, T. 2) 1851. The design of the one cent 1851 issue, head of Franklin, etc., but value changed to SIX CENTS. Size, etc., as in the original.

(a) India paper; black. Copy seen was cut close and damaged.

(b) Ordinary white paper; black. Copy seen was cut rather close.

Type 3. 1851. Resembles closely the three-cent 1851 issue, but stamp is nearly square; labels are shorter, rosettes are omitted, locks of hair about ears are differently arranged; the oval is 14 x 16½ mm. instead of 15 x 17½ mm.

Engraved on steel, die impression 20½ x 22½ mm. in color on

(a) India paper; black.

Type 4. 1851. Same head and oval as in last essay; the straight labels have been removed and in place there are curved labels, left blank for the inscriptions.

Engraved on steel, die impression 20½ x 22½ mm. in color, on same piece of paper as last essay, making a horizontal pair.

(a) India paper; black.

Type 5. (Tiffany, T. 3.) 1857. Bust of Washington in profile to left, on oval background, having lines so interwoven as to give the effect of rays extending in all directions; short curved label of solid color, following shape of oval, at top, with POSTAGE in colorless capitals, similar label at bottom, with THREE CENTS in colorless capitals; U and S in upper corners, 3 and 3 in lower corners, all colorless.

Engraved on steel, die impression 17½ x 24 mm.

(a) India paper; vermilion, rose, rosy-violet, brown, black, blue, green.

(b) India paper on card; green, brown.

(c) Bond paper; vermilion, brown, black, blue, green.

(d) India paper, with Type 6 in vertical pairs; vermilion, rosy-violet, black, green.

(e) Ivory finished paper; black, blue, vermilion.

Type 6. (Tiffany, T. 4.) 1857. Bust of Washington, same as Type 5, on rectangular background of lines so interwoven as to give the effect of zig-zag lines; U. S. POSTAGE at top and THREE CENTS at bottom in colorless capitals on straight bands of solid color; a colorless five-pointed star in each corner.

Engraved on steel, die impression 19½ x 24 mm.

(a) India paper; vermilion, rose, brown, black, blue, green.

(b) Bond paper; vermilion, rose, brown, black, blue, green.

(c) India paper, same head, more bust, no frame, makes oval 18 x 33 mm.; vermilion, black.

(d) India paper, same head, no frame, makes oval 18 x 22 mm. blue.

(e) Ivory finished paper; black, blue, vermilion.

Type 7. (Tiffany, T. 5.) 1857. Bust of Washington, profile to left, similar to Type 6, but features a little fuller, robe shorter; instead of an oval, the frame is made up of several wavy bands, of same general shape, formed of diagonal lines crossed; the outer frame consists of a double colored line; the "wave" projects three times at top, bottom and each side; U. S. POSTAGE above and THREE CENTS below in colorless capitals; the upper label is solid, bent; the lower label is also bent, but formed of parallel colored lines crossed by diagonal colored lines.

Engraved on steel, die impression 20 x 26 mm.

(a) India paper; vermilion, brown, black, blue, green, red-brown.

(b) Head of above, but on ground of horizontal and diagonal lines very close, forming an oval 18 x 22 mm. no frame. India paper; vermilion, black, green, brown, orange.

(c) Bond paper; black.

(d) Ivory finished paper; black, blue.

Type 8. (Tiffany, T. 6.) 1857. Very similar to last, but head larger, features coarser, robe shorter; the outside line is single; both top and bottom labels are solid color.

Engraved on steel, die impression 20 x 26½ mm.

(a) India paper; vermilion, green, black, brown, carmine, bistre, blue, dull blue.

(b) India, paper, 20 x 35 mm. vermilion, green, black, brown, blue.

(c) Bond paper; bistre, blue.

(d) Thick white paper, rough impression; rose-violet.

(e) Ivory finished paper; black, blue, vermilion.

Type 9. 1857. Very similar to last, perhaps a state of plate of Type 8; the forehead and hair at top of head show slight differences of engraving; the bald place just above the level of the eye is more bald and the line between the forehead and the hair is a little more distinct.

Engraved on steel, die impression 20 x 26½ mm.

(a) India paper, large; vermilion, green, black, brown.

Type 10. (Tiffany, T. 7.) 1857. Same bust of Washington as type 8, similar wavy border, but filled out to make a rectangle; colored ovals in the corners inscribed A, B, N, Co. in colorless ornamented letters. AMERICAN BANK NOTE in wavy label at top and COMPANY, NEW YORK, in similar label at bottom, in colorless capitals on solid background. No value expressed.

Engraved on steel, American Bank Note Co. Die impression 20½ x 26 mm.

(a) India paper; vermilion, black, blue, green, brown, red-brown.

(b) Tissue paper, gummed on face; blue.

(c) India paper, labels and corners left blank; black.

Type 11. (Tiffany, T. 8.) 1857. Bust of Washington, in profile to right, on rectangular background with an arched top; upper label is straight, solid color, the resulting corners below the label being filled in with foliations; U. S. POSTAGE at top with small square at each end; THREE CENTS in similar label at bottom, but without the squares. Letters colorless; single frame line all around outside.

Engraved, American Bank Note Co. Die impression 19 x 22½ mm.

(a) India paper; vermilion, black, green, red-brown, violet, bistre.

(b) Bond paper; vermilion, black, orange, brown, blue, green.

(c) Ivory finished paper; black, blue.

Type 12. (Tiffany, T. 9.) 1857. Head of Washington, three - quarters to right, on circular disk of crossed lines; scalloped border, 16 scallops. U. S. in outlined colorless capitals at top; POSTAGE above and THREE CENTS below the circle, in colorless capitals on solid curved labels.

Engraved, American Bank Note Co. Impression 22 x 28 mm.

(a) India paper; red, red-brown, brown, violet, black, green, blue.

(b) Bond paper; black, green, vermilion, blue, brown.

Type 13. (Tiffany, T. 10.) 1857. Frame of preceding laid on its side; large numeral 3 in centre, with U to left and S to right; POSTAGE above and CENTS below; all lettering in colorless capitals, shaded; figure 3 is ornamented.

Engraved, American Bank Note Co. Impression 28 x 22½ mm.

(a) India paper; red, brown, violet, black, blue, green, pea-green.

(b) Bond paper; red, brown, violet, black, blue, green, pea-green.

(c) India paper, Types 12 and 13 together; green, brown, vermilion, black.

(d) Types 12 and 13 together with an additional impression of Type 12, but with blank labels and bottom partly cut away.

(a) India paper; black.

(b) Ordinary paper; vermilion, blue, black, green brown.

Type 14. (Tiffany, T. 11.) 1857. Three Cents. Same as Type 13, except that the letters U. S. are omitted.

Die impression 28 x 22½ mm.

(a) India paper; vermilion, black, green, red-brown.

(b) Bond paper; vermilion, black, green, brown, blue.

(c) Ordinary paper; vermilion, black, green, blue, brown.

Type 15. (Tiffany, T. 12.) 1861. Design of Type 1 made over; head of Fulton, etc. Side labels are omitted, the top label lengthened and inscribed U. S. POSTAGE with small colored square at each end, inscribed A. B. after the English control fashion; lower label lengthened and inscribed THREE CENTS in larger letters.

Engraved, American Bank Note Co. Die impression 19 x 23 mm.

(a) India paper; vermilion, black, green, red-brown, carmine, violet, orange, blue.

(b) Bond paper; vermilion, black, green, brown, blue.

(c) Ivory finished paper; black, blue, vermilion, brown.

In 1861, Toppan, Carpenter & Co., prepared a set of essays similar to the designs of the 1851 and 1857 issue, but with numerals in the four corners. Mr. Tiffany discovered some specimens of this set, after completing his

list and he assigns no numbers. See American Journal of Philately, 1889, page 277.

Original specimens are rare and many of those listed are probably reprints of much later printing; it is said that fifteen sets of the reprints were found among the effects of the late N. F. Seebeck.

It is difficult to name the colors satisfactorily. The set includes:

Type 16. 1861. The Carriers stamp; seems to be regular type and may have been an essay for the regular stamp, but being associated with other essays issued in 1861 it seems to rank properly with them.

Engraved, Toppan, Carpenter & Co. Impression 19½ x 25 mm.

(a) Head and oval only, die proofs on proof paper; blue, ultramarine, yellow, orange, mauve, violet, purple-brown, yellow-brown, black, green, light-green, vermilion, carmine, dark-carmine, red-brown.

(b) Finished stamp, die proofs on proof paper, steel-blue, yellow, orange, mauve, violet purple-brown, gray-brown, black, green, light-green, vermilion, carmine, dark-carmine, yellow-brown.

(c) Finished stamp, die proof on card; gray-green, black, brown, yellow-brown, lilac, rose.

(d) Die proof on very thin blue paper; brown, black, orange, vermilion, rose.

(e) Die proof on blue bond paper; vermilion, rose, yellow, orange, green, black.

(f) Plate proof on thin paper; blue, green.

Type 17. 1861. One Cent. General design of the regular stamp, but with figure 1 in oval tablet in each corner; ornaments in the corners differ from the regular stamp.

(a) Head and oval only, die proofs on proof paper; blue, ultramarine, orange, mauve, dark-violet, violet-brown, yellow-brown, dark-brown, black, green, light-green, vermilion, carmine, dark-carmine, red-brown.

(b) Similar head, but smaller and in circle, 17 mm. diameter; red-brown.

(c) Similar head to (a), but in oval, 1 mm. longer, showing more of bust; on thick porous paper, block of four arranged for plate impression; black.

(d) Head and oval on card; orange, red-orange, yellow-brown, dark-blue, dark-violet, red-brown.

(e) Head and oval, on green bond paper; red-brown, black, green.

(f) Head and oval, with top and bottom labels and inscriptions; die proofs on proof paper; orange, yellow-brown, red-brown, gray-brown, violet-brown, mauve, violet, black. green, light-green, vermilion, carmine, dark-carmine, blue

(g) Same as last with side ornaments added; die proofs on proof paper; orange, yellow-brown, red-brown, gray-brown. violet-brown, mauve, violet, black, green, light-green, vermilion, carmine, dark-carmine blue.

(h) Same as last with right upper and lower corners drawn in ink, ornaments not complete, serifs of figures 1 point to right; proof paper; black.

(i) Same as last, four corners and numerals drawn in pencil, ornaments differ in each corner; proof paper; blue.

(j) Completed stamp, numerals in corners, India paper; blue.

(k) Same as last; proof paper; black.

(l) Same as last, very thin paper, mounted on proof paper, giving appearance of hub proofs; orange, brown-orange, yellow-brown, purple-brown, mauve, violet, gray, steel-blue, black, vermilion, carmine, dark-carmine, green, light-green.

Type 18. 1861. Three Cents. The full type is like the 1851 issue but instead of the rosettes are figures 3 in pearled circles in each corner.

(a) Head and oval only, die proofs on proof paper; orange, brown-orange, red-brown, violet-brown, gray-brown, mauve, lilac, dark-blue, ultramarine, green, light-green, black, vermilion, carmine, dark-carmine.

(b) Same as last on green bond paper; brown, red, blue.

(c) Same as last on colored card; orange, vermilion, carmine, brown, green, purple.

(d) Similar head, but smaller, in circle 18 mm. diameter; white paper; vermilion.

(e) Head in oval, 21½ mm. long, showing more of robe; thick porous paper; block of four arranged as for a plate impression; black.

(f) Like finished stamp, but no label at top and rosettes left blank; die proofs on proof paper; yellow, orange, yellow-brown, gray-brown, mauve, dark-lilac, steel-blue, ultrama-

rine, black, vermilion, carmine, dark-carmine, green, light-green, lilac.

(g) Same as last, on card; orange, red-brown, blue, green, light-green, black.

(h) Like finished stamp, but rosettes left blank; paper, etc., like (a); yellow, orange, yellow-brown, gray-brown, purple-brown, mauve, lilac, steel-blue, violet-blue, black, vermilion, carmine, dark-carmine, green, light-green.

(i) Same as last on card; brown, purple, black, orange, vermilion, violet-blue.

(j) Completed stamp with figure 3 in each corner; India paper; red.

Type 19. 1861. Five Cents. Similar to same stamp of 1851 and 1857 issues, but corner ornaments are not the same and the figure 5 is placed in each corner.

(a) Head and oval only; die proofs on proof paper; orange-brown, red-brown, brown, purple-brown, gray-brown, mauve, lilac, steel-blue, ultramarine, green, dark-green, black, vermilion, carmine, dark-carmine.

(b) Same as last on colored card; brown, red-brown.

(c) Completed stamp, without ornaments, blanks left for figures in each corner; die proofs on proof paper; orange, yellow-brown, red-brown, purple-brown, gray-brown, mauve, lilac, blue, ultramarine, black, vermilion, carmine, dark-carmine, green, light-green.

(d) Same as last, on colored card; green, brown.

(e) Completed stamp, without ornaments, figure 5 in each corner; on very thin paper

attched to proof paper, resembling hub proofs; yellow-brown, red-brown, dark-brown, purple-brown, gray-brown, mauve, lilac, green, light-green, black, vermilion, carmine, dark-carmine, dark-blue.

(f) Same as last, die proof on soft laid paper; dark-brown.

(g) Same as last on colored card; dull-purple, brown.

(h) Completed stamp, with ornaments, scrolls being added in corners, instead of foliations as in the adopted type of 1861; in the proof, additions are made to the type without ornaments; in the type adopted, 1861, the head of Jefferson faces to left instead of right and the projections at top, bottom and sides are cut away and replaced by a single colored border line. These proofs seem to be die proofs on very thin paper, tinted, cut rectangularly to shape and mounted on proof paper about 65 mm. square, resembling hub proofs.

Orange, yellow-brown, purple-brown, gray-brown, mauve, lilac, blue, steel-blue, black, vermilion, carmine, dark-carmine, green, light-green, brown.

(i) Same as last; India paper, die proof; dark brown, black.

Type 20. 1861. Twelve Cents. The completed design is similar to the 1857 stamp, with colorless figures 12 in a pearled oval of solid color in each corner; the rosettes being removed, notches are left, which are filled in with balls and quite different from either type of the 1861 issue.

(a) Head and oval only, die proofs on proof paper; orange, yellow-brown, red-brown, purple-brown, gray-brown, mauve, lilac, blue, steel-blue, black, vermilion, carmine, dark-carmine, green, light-green.

(b) Same as last, on green bond paper; brown, red-brown, black.

(c) Same as last, on colored card; brown, purple-brown, black, mauve, vermilion, red.

(d) Same as last, but with labels and inscriptions added, top and bottom; all appear to be die proofs on proof paper, except the one on light blue, which is a die proof on very thin paper mounted to match the set. The paper appears to be tinted within the usual 50 mm. square and may be India paper.

Yellow, orange, yellow-brown, purple-brown, gray-brown, mauve, lilac, light-blue, steel-blue, black, vermilion, carmine, dark-carmine, green, light-green.

(e) Same as last, die proofs, on colored card; vermilion, carmine, steel-blue (appears to be hub proof), red-brown, gray-brown, lilac.

(f) Completed stamp, but rosettes blank and notches unfilled; orange, orange-brown, red-brown, purple-brown, gray-brown, black, mauve, lilac, light-blue, steel-blue, vermilion, carmine, dark-carmine, green, light-green.

(g) Same as last, on colored card; dull purple, yellow-brown.

(h) Completed stamp, figures 12 in each corner, notches filled in, but not as in regular stamp; India paper; black. (Copy seen is cut close.)

Type 21. 1861. Twenty-four Cents. The completed design is taken from the 1857 issue, but has the figures 24 colorless on solid curved tablets in each corner, just outside of label containing value; an entirely different type was adopted for the issue of 1861.

(a) Head and oval only, die proofs on proof paper; yellow, orange, yellow-brown, purple-brown, gray-brown, mauve, lilac, black, light-blue, steel-blue, vermilion, carmine, dark-carmine, green, light-green.

(b) Same as last, on green bond paper; black, violet, red-brown.

(c) Same as last, on colored card; orange, mauve, violet, purple-brown, vermilion, light-green.

(d) Same, with surrounding label U. S. POSTAGE above and TWENTY-FOUR cents below, with double rectangles between on each side, as in 1857 issue.

Yellow, orange, yellow-brown, purple-brown, gray-brown, mauve, lilac, black, light-blue, steel-blue, vermilion, carmine, dark-carmine, green, light-green.

(e) Same as last, on colored card; yellow, orange, mauve, violet, green, black.

(f) Finished stamp, like 1851 issue, but blanks left in corners for numerals; die proofs on proof paper; orange, yellow-brown, brown, violet-brown, gray-brown, mauve, lilac, black, light-blue, steel-blue, vermilion, carmine, dark-carmine, green, light-green.

(g) Same as last, on colored card; dull-red, green.

(h) Finished stamp, showing numerals in

each corner; these appear to be die proofs, on very thin paper, mounted on proof paper.

Yellow-brown, red-brown, brown, purple-brown, gray-brown, mauve, lilac, black, light-blue, steel-blue, vermilion, carmine, dark-carmine, green, light-green.

(i) Same as last; India paper, mounted on card 80 x 115 mm.; lilac.

(j) Same as last; India paper, cut close, may be plate proof; lilac.

(k) Same as last; thin blue paper; vermilion, black, brown, red-brown, orange.

(l) Same as last; bond paper, vermilion, dark-green, blue, orange, black.

Type 22. 1861. Ninety Cents. Like 1857 design, except that the letters of value in the lower tablet are smaller and are separated by an octagonal tablet containing the figures 90.

(a) Head and background only; orange, orange-brown, red-brown, purple-brown, gray-brown, mauve, lilac, black, dark-blue, vermilion, carmine, dark-carmine, green, light-green.

(b) Same, with frame added, labels blank, die proofs, on proof paper; orange, yellow-brown, brown, purple-brown, gray-brown, mauve, lilac, black, dark-blue, vermilion, carmine, dark-carmine, green, light-green.

(c) Same as last, but inscription in upper label completed, die proofs on proof paper; yellow, yellow-brown, brown, purple-brown, gray-brown, mauve, lilac, black, dark-blue, vermilion, carmine, dark-carmine, green, light-green.

(d) Same as last, on colored card; brown, light-brown, red-brown, blue, lilac, orange.

(e) Same as last on green bond paper; black, brown, green.

(f) Completed stamp, NINETY (90) CENTS in lower label; these appear to be die proofs on thin paper mounted on proof paper; orange, yellow-brown, brown, purple-brown, gray-brown, mauve, lilac, black, dark-blue, vermilion, carmine, dark-carmine, green, light-green.

(g) Same as last, on India paper, mounted on card; blue.

(h) Same as last, on India paper, cut close; may be plate proof; blue.

Type 23. 1861. (Tiffany, T. 13.) Five Cents. The frame of the five-cent stamp of 1861, but colored and colorless parts interchanged; medallion cut out and filled in with head of Washington like die of 12 cents, same series, printed in another color. Essay by National Bank Note Co., to show process of printing in two colors.

Printed from untrimmed die on thin white paper.

(a) Frame yellow-brown, centre dark-brown; frame green, centre, vermilion; frame lilac, centre brown; frame buff, centre black.

(b) Same, on card; black (Moens.)

Type 24. 1861. (Tiffany, T. 14.) Ten Cents. Similarly constructed from the frame of the Ten Cent stamp of 1861.

(a) Exists, black on card; (Moens.)

Type 25. 1863. (Tiffany, T. 15.) The National Bank Note Co. printed types of the 1861 issue on the back of a transparent paper or on goldbeaters' skin, gummed on the impression; any attempt to remove leaves the colored design adhering to the envelope and the paper of the stamp comes off plain. Impressions made from plates in use, show the designs reversed.

Tiffany lists; one cent blue, three cents pale rose, carmine; five cents brown, ten cents green, twelve cents black, twenty-four cents lilac, thirty cents orange on blue paper, ninety cents dark blue; all imperforate.

Pale rose, perforated 12 (3 cents.)

Also exist: Two cents (Jackson) black and 30 cents orange on white paper.

Type 26. 1863. (Tiffany, T. 16.) Same design as Three Cent stamp, 1861 issue, but with ground of background and frame recut, showing lines in color and ground in white, the corners unfinished. Printed like the foregoing on the reverse of the paper, the design still appears reversed. National Bank Note Co.

Tiffanty lists; dark rose.

Type 27. 1862. (Tiffany, T. 17.) Head of Washington in profile to left on ground of coarse horizontal lines, edged by a colored line forming an arched panel; frame makes a rectangular stamp 22 x 28 mm. U. S. and POSTAGE above in two lines, THREE CENTS below in two lines; figure 3 in each

upper corner; U and S on shields in lower corners; Roman fasces on the sides in the frame.

(a) Patent tissue paper, gummed, printed on back and shows design in the proper position; brown, green; also seen red, purple, blue, light-red, black.

(b) Ordinary white paper, showing design reversed; blue, red; my set of 40 shades may come under this head; gray, green, brown.

(c) White cardboard, 62 x 72 mm. showing design reversed and deeply indented; green.

(d) White paper, chemically prepared, turning blue if wet, showing design reversed; carmine, Prussian-blue, orange, green.

(e) India paper; red (signed D. H. Craig.)

(f) Orange laid paper; vertical pair in black.

(g) Blue laid paper; vermilion.

(h) Blue wove paper; red.

Type 28. 1863. (Tiffany, T. 18.) Six Cents. Bust of Franklin to right in an oval; U. S. POSTAGE above, SIX CENTS below. Rectangular. Catalogued by Kline's Manual. Is this the same as Type 2? Six cents; black.

Type 29. 1863. (Tiffany, T. 19.) Three Cents. Facsimile of the Three Cent coin of the United States in the centre, with a star with eight rays in each corner on a rectangular notched ground. Catalogued by Kline's Manual.

Three cents; pearl gray.

Type 30. 1863. (Tiffany, T. 20.). Three Cents. Large figure 3 in centre of a circle with ground composed of the word three repeated. Figure 3 in the upper angles. U. S. POST OFFICE above, THREE CENTS below. Catalogued by Kline's Manual.

Three cents; black, blue.

Type 31. 1863. (Tiffany, T. 21.) Three Cents. Small head of Liberty with Phrygian cap, in profile to left, on solid oval, 9 x 12 mm. let into shield of Arms of the United States. U. S. and POSTAGE in two lines of fancy capitals above, THREE CENTS in plain ribbon below; 3 diagonally in upper corners.

Wood block or lithograph by American Bank Note Co. Impression 23½ x 26 mm.

(a) White paper; in red, scarlet, violet, black, blue, green.

(b) Mauve paper; in violet.

(c) Yellow paper; in red, violet, green, blue, black.

(d) Same. Three specimens and three each of types 32 and 33, making a plate of nine, on sheet of white wove paper; black, purple, red, blue, green.

(e) Same on laid colored paper.
Yellow paper, in red, green, purple, blue, black.
Pink paper, in red, green, blue, black.
Green paper, in red, green, purple, blue, black.
Cream paper, in red, green, blue, black.

(f) Same as last, on pale yellow wove paper; red, green, blue.

Type 32. 1863. (Tiffany, T. 22.) Five Cents. Large head of Liberty with cap and a colored collar, large star in front and four smaller stars on each side, on a solid circular disk, 20 mm. in diameter, inscribed in white capitals UNITED on the left and STATES on the right. POSTAGE above and FIVE CENTS below, in graduated fancy colored capitals on the colorless ground. Shield with figure 5 in each upper corner. Scrolls complete the irregular rectangular design.

American Bank Note Co. Impression 22 x 26 mm.

(a) White paper; carmine, rose, violet, black, blue, green.

(b) Mauve paper; violet.

(c) Yellow paper; red, violet.

(d) Same. Three specimens and three each of Types 31 and 33, making a plate of nine on sheet of wove paper; black, purple, red, blue, green.

(e) Same as (d) on laid colored paper.

Yellow paper, in red, green, purple, blue, black.

Pink paper, in red, green, blue, black.

Green paper, in red, green, purple, blue, black.

Cream paper, in red, green, blue, black,

(f) Same as (d) on pale yellow wove paper; in red, green, blue.

Type 33. 1863. (Tiffany, T. 23.) Two Cents. Head of Indian, in profile to left, with feathered head dress, on circular disk 18 mm. in diameter; curved label above with U. S. POSTAGE; straight label below with TWO CENTS; small colored circular disk in each upper corner, with colorless figure 2, placed diagonally.

American Bank Note Co. Impression 21x25 mm. repeated four times on plate.

(a) White paper; vermilion, red, violet, black, Prussian blue, green.

Type 34. 1863. (Tiffany, T. 24.) Ten Cents. Head of an Indian in profile to right, with feathered head dress, on an oval disk 16½ x 20 mm. UNITED STATES in upper label, TEN CENTS in lower label, in colorless capitals; labels conform to shape of oval; X in each upper corner, 10 in each lower corner, outside the frame, which is irregular.

Engraved in relief, American Bank Note Co. Block impression 20½ x 26½ mm.

(a) White paper; red, violet, brown, black, blue, green.

(b) Cream soft card; red, violet, black, blue, green.

(c) India paper; carmine, black, blue, brown, green.

Type 35. 1863. (Tiffany, T. 25.) The American Journal of Philately, Vol. III, page 101, describes the following essay: A large eagle turned to left, head elevated and neck straight, wings raised, standing on the prostrate shield of the United States, grasping the arrows and

laurel branch, surrounded by 13 stars outlined in the lined background; colorless ribbon below inscribed E PLURIBUS UNUM in small colored capitals, 6 colorless in square in each corner; SPECIMEN in colorless capitals on arched band above.

Impression 20 x 25 mm.

(a) White paper, 8 cents; orange.

Type 36. 1865. (Tiffany, T. 26.) The daily papers in July, 1865, described an essay as being engraved. Bust of Lincoln in an ornamented frame, U and S in the upper corners, 1c in lower corners; above, POSTAGE; below, ONE CENT. A star with rays above the bust.

(a) One cent; vermilion, mauve, green.

Type 37. 1865. (Tiffany, T. 27.) The one cent of 1861, with a coupon above of nearly same size; on the coupon in colored letters, 7 lines, "Stamp of no value without Coupon. Coupon to be removed only by the Postmaster."

Engraved on steel, National Bank Note Co. Impression 20 x 25 for stamp and 20 x 22 mm. for coupon.

(a) Die impression on large India paper, mounted on card; red, purple, violet, brown, blue, green, black.

(b) Die impression on Ivory finished paper; black, blue.

(c) Plate impression on India paper; black.

(d) Plate impression on card; black.

(e) Plate impression on tissue paper, gummed; red.

(f) Plate impression on white paper; red.

(g) Plate impression on white paper with grille; red.

(h) Plate impression on white paper, perforated all around and between stamp and coupon; red, blue.

(i) Same as last; but not perforated between stamp and coupon; red, blue.

(j) Same as last, rouletted between stamp and coupon; blue.

Type 38. 1865. The two cent, Jackson, of 1862, with a coupon of equal size at left; on coupon at top, "Coupon;" at bottom, "2 cents," with a space between for cancellation. In specimen shown by Mr. J. W. Scott, the place for cancellation contains a spider-like design, a small circle for eight radiating arms, drawn in fine perforations.

On ordinary paper; black.

Type 39. 1865. The three cent, rose, of 1861, with a coupon of equal size at left; on coupon at top, "Coupon;" at bottom, "3 cents," with a place for cancellation between. In speciment shown by Mr. J. W. Scott, this space is occupied by an impression of a cancelling stamp.

On ordinary paper; rose.

Type 40. 1865. The five cents, buff, of 1861, with a coupon of equal size at left; on coupon at top, "Coupon;" at bottom, "5 cents," with space between for cancellation.

On ordinary paper; buff.

Type 41. 1865. The ten cents, green, of 1861, with a coupon of equal size at left; on coupon at top, "Coupon;" at bottom, "10 cents," with space between for cancellation.

On ordinary paper; green.

Type 42. 1865. (Tiffany, T. 28.) A large outlined spurred "C," 7 mm. high, on ground of colored lathe work; above, UNITED STATES STAMP; below, THREE CENTS, all in a framed oval, edged with laurel leaves, surmounted by a large eagle turned to the right, wings outspread, holding the prostrate shield, branches and arrows; rays in the background; the whole surrounded by a single colored line forming a rectangle, 27 x 36½ mm. Die impression.

(a) Large India paper; carmine, black, blue.

(b) Ivory finished paper; black, blue.

(c) Ordinary paper 28 x 36 mm. perf. 12 and gummed; red-brown.

Type 43. 1865. (Tiffany, T. 29.) A large colored "2" 6 mm. high, on a small colorless oval, 8½ x 10 mm., surrounded by a colored oval and two ovals of lathe work; corners filled by triangular ornaments of lathe work, bounded by a colored line forming a rectangle; "2" in each upper corner, U and S in lower corners; U. S. Postage in two lines at top and TWO CENTS in two lines at bottom.

Engraved in relief for surface printing, Na-

tional Bank Note Co. Impression 20½ x 26½ mm.

(a) Impression from untrimmed die, 30x42. The paper is impressed with vertical lines, 1 mm. wide and about 1 mm. apart and the letters U. S. in large fancy monogram 21 mm. high, the whole lightly struck into the paper after printing and breaking the tissues. Pale rose.

(b) Impression from the trimmed die, very heavily struck upon thick, soft card, leaving the colorless portions in relief. Mauve.

(c) Also struck upon envelopes and ordinary white paper as an envelope essay. My copy is cut to about size of stamp and may be an envelope essay. Orange.

Type 44. 1865. (Tiffany, T. 30.) The frame of the three cent stamp of 1861, but coarser; the head is replaced by a large colored numeral "3" 6 mm. high in a white shield, surrounded by a colored band following its shape; the stamp is surrounded at a little distance by a heavy colored line forming a rectangle.

Engraved in relief for surface printing; Tiffany says impression 21 x 26½ mm.; the one seen was 21 x 25½ mm.

(a) Impression from untrimmed die, showing color 30 x 42 mm. rose, blue.

(b) Impression from trimmed die, heavily struck on white wove paper, showing colorless parts, particularly the shield, in relief; red.

(c) Also struck on envelopes and ordinary white paper as an envelope essay; I have this essay in orange, cut to about size of stamp,

and it may be an envelope essay; also in green on the end of an envelope, but the latter has not the outer line described above.

Type 45. 1865. The outside frame of the Three Cent stamp of 1861, with outer line as in last Type. Figure "3" in shield with surrounding band as in same type; the outer line of the shield shaped band about the inner shield is double; the colored and colorless parts are reversed from Type 44 and outside of the upper line is a colorless band making the impression 23 x 28 mm. The lathe work found in the frame of the stamp as adopted, is omitted.

Printed on white card, surface colored die.

Adjoining and 20 mm. distant is a second impression, the same with the numeral and shield omitted; at about the same distance is a third impression similar to the second, but blurred.

Strip of three, in white, on white card, colored green on surface; same on card colored brown; similar on card tinted green, but colored and colorless parts interchanged.

Type 46. 1865. Three Cents. A figure 3, 5 mm. high, on a circle, both colorless and heavily embossed; set in a colorless shield, resembling Type 44. A rectangle 18½ x 23 mm. is filled with lathe work about the shield.

Printed in color on ordinary white paper, mounted on pieces of thicker paper, which are perforated 12.

The centre looks like an essay for a grille. Blue, lake.

Type 47. 1865. (Tiffany, T. 31.) The entire design of the Three Cent stamp of 1861, but slightly altered, with coarser lines of color in the head and colorless in the frame and groundwork. Looks like a transfer on stone of a print from the die and intended for experiments with grille.

Engraved in relief for surface printing by National Bank Note Co.

(a) White soft paper; vermilion (block of four, and single.)

(b) Large soft card; green. Heavily struck, outside color makes rectangle.

(c) Thin green paper, in fugitive green ink.

(d) On white card, heavily impressed; colorless.

(e) Chemical paper; red.

(f) Ordinary white paper; red, green, blue, yellow, orange, black, brown; shades can hardly be described; I have 20 shades in pairs.

(g) Same as last, heavily grilled all over; red (pair.)

(h) Ordinary white paper; perforated 12; carmine, pale red, vermilion, blue, orange, brown, black, green (7 pairs, 2 single.)

(i) Same paper, perforated 12, grille 12 x 14; pale red, pink, carmine, vermilion, blue, dark blue, light blue, black, gray, yellow, orange, green, light-green, dark-green, scarlet, brown. (16 pairs, 5 single.)

(j) Same paper, grilled all over, imperforate, from the regular die and adopted color; rose (pair.)

(k) Same paper, vertical pair, with parts of stamps showing on each side; regular plate impression, paper first printed in faint ink, "ONE" repeated many times; at first view this resembles a grille.

Pink. (Pair.)

Type 48. 1865. The frame of the regular One Cent stamp of 1861, without the head of Franklin; on thin crisp paper first printed with a design in lemon color.

(a) Die impression; black.

(b) Die impression, on pinkish paper, with grille 11 x 13; red-brown.

Type 49. 1865. Pieces of paper, showing experiments of grille.

(a) A piece of ordinary white paper, impressed as by a seal, in four different forms, all round, with crossed lines and dots; circles are 11 or 12 mm. in diameter; there is written on the paper "First experiments of grille Chas. F. Steel."

(b) A piece of paper 64 x 124 mm. grilled all over, as adopted.

(c) A piece of paper, size of stamp, perforated 12, grille 7 x 9, as adopted.

(d) A piece of paper, size of stamp, perforated 12, grille 15 x 16, as adopted.

(e) A piece of paper, size of stamp, perforated 12, grille 13 x 16. (Continental.)

The National Bank Note Co. engraved the entire series for the 1869 issue in designs differing from the types adopted; the designs were changed, for adoption, generally by sub-

stituting larger numerals, but in some cases the whole design was changed.

Type 50. 1869. (Tiffany, T. 32.) One Cent. Numeral measures 2 mm. instead of 3 mm. in height and is placed in a small horizontal oval and crossed by the word "CENT." Size, etc., as adopted.

(a) India paper; dark-brown, yellow-brown.

(b) India paper mounted on card; dark-brown, yellow-brown, vermilion, carmine, blue, green.

(c) Ordinary paper; dark-brown, yellow-brown.

(d) Same as last, perforated 12, dark-brown, yellow-brown, orange.

(e) Same as last, perforated 12, grilled 7 x 9; dark-brown, yellow-brown, red-brown, light-brown, red, lilac, blue, green.

Type 51. 1869. (Tiffany, T. 33.) Two Cents. Numeral measures 3 mm. instead of 5 mm. in height, placed on a band crossing the lower ribbon. Size as adopted.

In the essays on India paper, the tablet containing the inscription UNITED STATES lacks the vertical shade lines found in the finished stamp.

(a) India paper; rose, mauve, brown, green, black.

(b) India paper, mounted on card; rose, mauve, brown, green.

(c) Ordinary paper; rose, mauve, brown, green.

(d) Ordinary paper, perforated 12; rose, mauve, brown, green.

(e) Ordinary paper, perforated 12, grilled 7 x 9; rose, mauve, brown, green, yellow, orange, blue.

Type 52. 1869. (Tiffany, T. 34.) Three Cents. Numeral measures 3mm. instead of 5 mm. in height, and is placed on a shield. Size, etc., as adopted.

These essays show states of the plate:

(1.) The complete stamp perforated, gummed and grilled, has the arabesque work in the upper corners continuous, the frame of the tablet containing the word POSTAGE is shaded vertically, there is at the left lower corner a curved line formed of three or four dots, the shading of the shield containing the figure 3 is heavier at the bottom than at the top. Some of the essays listed are of this type.

(2.) In some of the essays listed, the arabesque work in the upper corners is broken, particularly above U and final S of UNITED STATES, the line of dots is omitted, the frame of the tablet containing POSTAGE is unshaded, the shading of the shield is equal at top and bottom and the lines of shading are extended down across the frame of the shield.

(3.) A specimen exists similar to (2), but showing less shading; the shield containing the figure 3 is not shaded; the frame of the label containing POSTAGE is unfinished.

(a) India paper; brown, blue, red-brown, rose, black, mauve.

(b) Cardboard; black.

(c) Ordinary paper; light-brown, blue, red-brown.

(d) Same as last, perforated 12.

(e) Same as last, perforated 12, grilled 7 x 9; light-brown, brown, rose, green, orange, blue, purple.

(f) India paper, die proofs on large paper; blue, brown.

Type 53. 1869. (Tiffany, T. 35.) Five Cents. Type of the Six Cents, but lower label has a small square at each end; this lower label is narrower than the squares; size, etc., as adopted.

(a) India paper; blue, black.

(b) Ordinary paper; blue, lemon, orange, mauve, red-brown, yellow-brown, green.

(c) Ordinary paper, perforated 12 and gummed; orange, green, brown, plum, yellow-brown.

Type 54. 1869. (Tiffany, T. 36.) Five Cents. Very like Type 53. but ground of oval and frames are solid, letters are larger and bottom label is as broad as the squares at the lower corners; size, etc., as adopted.

(a) India paper; carmine, black.

(b) Large India paper, on card; brown, lake, rose, mauve, red-brown, black, orange, blue, green.

(c) Ordinary paper, perforated 12 and gummed; orange.

(d) Proof paper, die proofs; orange, blue, brown.

(e) Thin paper, printed with various de-

signs in another color; orange, carmine. (6 specimens with different designs.)

(f) Colored bond paper; pink paper, in brown, blue, orange; on green wove or laid paper, in orange; on creamy paper, in brown, orange.

(g) Ivory finish paper; black, blue, yellow.

Type 55. 1869. (Tiffany, T. 37.) Ten Cents. Head of Lincoln, three-quarters to right on a circular horizontally lined disk; bunches of fasces, but no axes, on each side; above, a ribbon inscribed U. S. POSTAGE, curled up round a small oval at each end, with numeral 10; lower ribbon with inscription TEN CENTS follows line of the curve; U and S at lower corners on octagonal plates.

Impression 19½ mm. square.

(a) India paper, large, on card; lake, vermilion, mauve, brown, black, orange, green, red-brown, yellow, purple.

(b) Proof paper, large; red-brown, brown, blue, orange, bright-red.

(c) Ivory finished paper; black, brown, blue, vermilion.

(d) Ordinary paper; green, brown, yellow, purple, blue, ultramarine.

(e) Ordinary paper, perforated 12; green, brown, yellow, purple, orange.

(f) Ordinary paper, perforated 12, grilled 7 x 9; green, brown, yellow, purple.

(g) Ordinary paper, first printed with various designs in another color; red, blue. (8 varieties.)

(h) Colored bond paper; on pink paper, in

orange and brown; on greenish paper, in blue, red, brown.

Type 56. 1869. (Tiffany, T. 38.) Ten Cents. Type adopted, but with smaller numerals. Size, etc., as in type adopted.

(a) India paper; green, brown, yellow, purple.

(b) Ordinary paper; green, brown, yellow, purple.

(c) Same as last, perforated; green, brown, yellow, purple.

(d) Same as last, perforated and grilled; green, brown, yellow, purple.

Type 57, 1869. Ten Cents. Centre has "Declaration of Independence" like adopted design for 24 cents stamp; top label, inscription and "U" "S" in upper corners like same stamp; bottom label is straight, ornamented, with inscription TEN CENTS placed irregularly; "10" in ornamented oval in each lower corner.

(a) Thin paper, perhaps India, on card; green.

Type 58. 1869. (Tiffany, T. 39.) Twelve Cents. Type adopted, but numerals only 3 mm. instead of 4½ mm. in height. Size, etc., as adopted.

(a) Card; black.

(b) India paper; purple, green, brown, blue, black, rose, yellow.

(c) Ordinary paper, imperforate; green.

(d) Ordinary paper, perforated; green.

(e) Ordinary paper, perforated 12, grilled

7 x 9; green, brown, red-brown, orange, mauve, blue, lilac, rose.

Type 59. 1869. (Tiffany, T. 40.) Fifteen Cents. Type adopted, but numerals are 2 mm. high and on a shield. Size as adopted.

(a) India paper; black, green, vermilion.

(b) Ordinary paper, imperforate; brown and blue.

(c) Ordinary paper, perforated; brown and blue.

(d) Ordinary paper, perforated and grilled, brown and blue.

Type 60. 1869. (Tiffany, T. 41.) Fifteen Cents. Type adopted, in all respects, but in one color, with large numerals "15" surcharged over the stamp.

(a) Surcharge in red; mauve, lilac, brown, green, light-brown.

(b) Surcharge in blue; brown.

(c) Stamp in green, surcharge in red.

(d) Stamp without surcharge on paper first overprinted with a design in red; blue, green.

Type 61. 1869. (Tiffany, T. 42.) Twenty-four Cents. Type adopted but numerals smaller, 2 mm. instead of 3 mm. high, on smaller tablet ornamented differently.

(a) India paper, one color; vermilion, black.

(b) Card; black, purple, yellow.

(3) Salmon tinted thin paper; black.

(d) Buff tinted paper; black.

(e) Blue tinted paper; black.

(f) Yellowish tinted paper; black.

(g) Bi-colored stamps, center and frame printed seperately and built up, centre red, frame violet; centre violet, frame green; centre green, frame rose.

Type 62 1869. (Tiffany, T. 43.) Thirty Cents. "Surrender of Burgoyne." The design resembles the adopted 15 cent, but POSTAGE is on a label and more curved, with "U" and "S" at its ends; at the bottom is a wavy ribbon something like that of the 2 cents as adopted, containing "Thirty (30) Cents" caps and small letters, numerals in a circle.

(a) Card; black, vermilion, green.

(b) Ordinary paper, perforated; black.

(c) Ordinary paper; frame green, picture purple; frame carmine, picture green; frame brown, picture carmine; frame purple, picture rose.

(d) India paper 70x49 mm. mounted; carmine, vermilion, purple, brown, black, orange, blue, red-brown, green.

(e) India paper, small; black.

(f) In black on thin paper tinted; salmon, yellow, lilac, pink, straw, blue.

(g) India paper, band of red over printed, top and bottom; dull-lilac.

(h) Tinted bond paper; on straw; orange, black, blue; on pink; orange, brown, blue; on green; carmine, orange, black.

(i) Ivory finished paper; black, violet, blue, vermilion.

Type 63. 1869. (Tiffany, T. 44.) Ninety Cents. Frame of the Ninety Cents as adopted, but the figures "90" in upper corner are smaller; the portrait is that of Wash-

ington, similar to that on the 90 cents of 1861; size, etc., as adopted.

(a) Ordinary paper, imperforate; frame and picture, both carmine.

(b) India paper, 62x66, mounted on large card; green, black.

(c) India paper, small; carmine.

(d) India paper; head in black, frame in blue, dull-violet, brown, orange.

(e) India paper; frame only, centre is lined horizontally in same color, but without the head; yellow, steel-blue, brown, dull-violet, violet, blue, green.

Type 64. 1869. (Tiffany, T. 45.) Twelve Cents. The design is that of Type 58, but it is engraved in relief for surface printing; lines are all heavier; ground of upper label is solid color; letters of UNITED STATES as well as POSTAGE are colorless. National Bank Note Co. Size as adopted.

(a) Impression from the untrimmed die, heavily struck, throwing the whites into relief and the color covering the borders beyond the white line exterior to the frame; full size is 40x39 mm.

On card; brown. (My copy cut to 29x39.)

(b) Same impression on thick white paper; carmine.

(c) Impression from the trimmed die, on white paper; orange, brown, carmine, lilac, green.

(d) Same as last on tinted paper; carmine on pale yellow, brown on dark yellow, black on lilac.

Type 65. (Tiffany, T. 46.) No value indicated. Head of Grant, three-quarters to right, in oval, surrounded by a band in a frame of scroll work; ovals in the corners; a tablet above and a ribbon below the oval; no inscriptions; impression 24½x29½ mm., on paper covered with fine colored wavy lines in fugitive inks.

Prepared by Bureau of Engraving and Printing.

Black, blue, carmine.

Type 66. 1869. (Tiffany, T. 47.) Same frame as that outside the oval band in Type 65. Inside the oval is the seal of the U. S. Treasury Dept. Numerals "2" in the ovals above, TWO in the lower ovals and TWO CENTS in the ribbon.

Prepared by Bureau of Engraving and Printing.

Black, blue, carmine.

Before the designs were finally adopted for the issue of 1870, the National Bank Note Co. had submitted to the Postmaster General, a number of essays. very similar to those adopted.

Type 67. 1870. (Tiffany, T. 48.) One Cent. Adopted type, but the bust of Franklin is in profile to right; the shade lines on the base of the bust are vertical instead of horizontal; size as adopted.

(a) Die impression on India paper, 64x71 mm., mounted on card; red, brown, red-brown, green, blue, mauve, lilac, black, gray.

(Copy in gray, resembles bond paper rather than India.)

(b) Ivory finished paper; blue.

Type 68. 1870. (Tiffany, T. 49.) Two Cents. Head of Jackson, after statue in Nashville, Tenn., on an oval disk; U. S. POSTAGE, above, TWO CENTS below, the latter separated by the numeral "2"; the rectangle is completed by parallel vertical lines arranged to represent the folds of a flag, crossed at each corner by diagonal bands, each containing two colorless stars.

Engraved by National Bank Note Co. Impression 19½x25½ mm.

(a) India paper; canary-yellow, blue, green, brown, gray, carmine, vermilion, black.

(b) Card; black.

Type 69. 1870. (Tiffany, T. 50.) Six Cents. Very like the type adopted, but the upper corners are ornamented by a sort of trefoil and the ends of the lower ribbon are folded back behind the background instead of being visible; letters of "Six Cents" are lower case except the initials S and C.

Engraved by National Bank Note Co. Impression 19½x25½ mm.

(a) Card; blue, green, purple-brown.

(b) India paper; red, rose, red-brown, mauve, orange, green, black, dark-brown, yellow-brown, blue.

Type 70. 1870. (Tiffany, T. 51.) Seven Cents. Similar to adopted type, except the portrait, which is that of Baron Steuben.

Engraved by National Bank Note Co. Impression 19½x25½ mm.

(a) India paper; carmine.

Type 71. 1870. (Tiffany, T. 52.) Seven Cents. Similar to adopted type, except the portrait, which is that of Gen. Lafayette.

Engraved by National Bank Note Co. Impression 19½x25½ mm.

(a) India paper; carmine.

Type 72. 1870. (Tiffany, T. 53.) Ten Cents. Bust of Jefferson, in profile to left after portrait belonging to Tammany Society, New York, in an oval 15x19 mm. A small colored five-rayed star on a colorless star on each side; U. S. POSTAGE on curved band below the oval and a large ornamented "10" under that; TEN and CENTS on ribbons set diagonally in lower corners; U and S in upper corners.

Engraved by National Bank Note Co. Impression 19½x25½ mm.

(a) India paper; carmine, red-brown, green, blue.

(b) Card; orange, carmine.

Type 73. 1870. Ten Cents. Very similar to Type 72, but the hair is differently arranged and the bust is not draped.

Engraved by National Bank Note Co. Impression 19½x25½ mm.

(a) India paper; brown, vermilion, blue, black.

Type 74. 1870. (Tiffany, T. 54.) Twelve Cents. Bust of Henry Clay in oval as in adopted type; the ornaments outside the

oval form a shield in shape; between the shield frame and the oval are horizontally lined colorless stars, seven on the left and six on the right, of various sizes, U. S. POSTAGE above, TWELVE CENTS below, the latter separated by a small tablet with numerals "12".

Engraved by National Bank Note Co. Impression 19½x25½ mm.

(a) India paper; green, brown, violet.

(b) Ordinary paper; brown.

(c) Card, colored yellow; black.

Type 75. 1875. (Tiffany, T. 55.) Five Cents. The Continental Bank Note Co. prepared an essay very like the type adopted; same portrait of Taylor on same background, in oval 16x19½ mm. U. S. POSTAGE above and FIVE CENTS below, in outlined, shaded capitals on a colorless band surrounding the oval; "V" in each upper corner and "5" in each lower corner, the left V and the right 5 being ornamented, the others left plain.

Die impression, 20x25 mm.

(a) India paper; blue.

Type 76. 1875. (Tiffany, T. 56.) Head of Franklin in profile to right, in circle on coarse ground of horizontal and diagonal lines forming a circular disk, 17 mm. in diameter; the hair is in masses, shaded by fine waved lines, the shadows made by inserting short diagonal lines.

(a) Proof paper; green, black; head red-brown on blue ground.

Type 77. 1875. (Tiffany, T. 57.) Head of Washington, in profile on coarse ground of horizontal and diagonal lines forming a circular disk 18 mm. diameter. The hair arranged somewhat like Types 5 and 6, but the queue has the lines running horizontally and not vertically.

(a) Proof paper; black, blue, brown, green.

1876 Essays. In 1876 the Continental Bank Note Co. printed from the old plates a large number of essays to test the value of certain papers, inks, etc., proposed as safeguards against the cleaning of used stamps. The following varieties are known and there are doubtless many others:

The writer finding it impossible to verify many of these without damaging the specimens, has included them with his proofs, special printings.

Type 78. 1876. Three Cents. Type of 1861, imperforate, on papers tinted with sensitive inks.

(a) Vermilion on green, yellow-brown, rose-lilac, white.

(b) Lilac on green, yellow-brown, rose-lilac, white.

(c) Red on green, yellow-brown, rose-lilac, white.

(d) Lake on green, white.

(e) Brown on green, yellow-brown, rose-lilac, white.

(f) Orange on green, yellow-brown, rose-lilac, white.

(g) Black on white.

(h) Blue on white.

(i) Green on green, yellow-brown, rose-lilac, white.

Same as last, imperforate, on papers tinted with sensitive inks, heavily laid, horizontally.

(j) Vermilion on orange, lilac.

(k) Blue-green on orange, lilac.

Three Cents, type of 1861, perforated 12, on paper tinted with sensitive inks.

(l) Brown on salmon, straw, rose, white.

(m) Vermilion on salmon, straw, rose, white.

Three Cents, type of 1861, perforated 12 and grilled, on paper printed with sensitive inks.

(n) Vermilion on salmon, straw, rose, white.

(o) Brown on salmon, straw, rose, white.

Three Cents, type of 1861, perforated 12, on paper tinted with sensitive inks and heavily laid horizontally.

(p) Vermilion on green, orange, lilac.

(q) Brown on green, orange, lilac.

Three Cents, type of 1861, perforated 12 and grilled, on paper tinted with sensitive inks and heavily laid horizontally.

(r) Vermilion on green, orange, lilac.

(s) Brown on green, orange, lilac.

Three Cents, type of 1861, perforated 12 and printed in a brown water color on white paper.

(t) Without grille.

(u) With grille.

Type 79. 1876. Twelve Cents. Type of 1861 imperforate, on papers tinted with sensitive inks. Grilled.

(a) Vermilion on salmon, straw.

(b) Brown on salmon, straw.

(c) Black on salmon, straw.
(d) Blue on salmon, straw.
(e) Green on salmon, straw.

Twelve Cents, type of 1861, perforated and grilled on paper tinted with sensitive inks and heavily laid horizontally.

(f) Vermilion on green, orange, lilac.
(g) Brown on green, orange, lilac.
(h) Black on green, orange, lilac.
(i) Blue on green, orange, lilac.
(j) green on green, orange, lilac.

Types of 1870 issue, perforated, in their current colors on paper tinted with sensitive inks and heavily lined horizontally.

Type 80. 1876. One Cent, blue; on deep-yellow, pale-rose, violet, carmine.

Type 81. 1876. Two Cents, vermilion; on deep-yellow, pale-rose, violet.

Type 82. 1876. Three Cents, green; on deep-yellow, pale-rose, violet.

Type 83. 1876. Five Cents, blue; on deep-yellow, pale-rose, violet.

Type 84. 1876. Ten Cents, brown; on deep-yellow, pale-rose, violet.

Type 85. 1876. Fifteen Cents, orange; on deep-yellow, pale-rose, violet.

Type 86. 1876. Thirty Cents, black; on deep-yellow, pale-rose, violet.

Type 87. 1876. Ninety Cents, carmine; on deep-yellow, pale-rose, violet.

Type 88. 1876. Three Cents, green.
On a paper covered with a pink varnish, which vanishes with the color.

Type 89. 1876. Three Cents, green.
On thick white blotting paper which absorbs the cancelling ink.

The New York Tribune of December 20 1876, says: General Barber has adopted a change in the Three Cent stamp, which gives a more artistic appearance, the colored ground being replaced by white. The New York World, after announcing the essay, says that other changes are probable after the signing of the contract of May 1st, and speaks of an essay representing the head of Liberty designed for the Five Cent stamp, for foreign correspondence. The St. Louis Dispatch, about the same date, adds that "the present Three Cent stamp easily cleaned will be replaced in May by a red stamp with a white ground.

The Continental Bank Note Co. prepared the following essays:

Type 90. 1876. Three Cents. Regular design, but white background within the oval.

(a) Proof paper; vermilion, blue, green, black, brown.

(b) Ivory finished, white paper; vermilion, black, blue, green.

(c) Stamp paper, perforated and gummed; brown.

Type 91. 1876. Thirty Cents. Regular design, but white background within the oval.

(a) Proof paper; vermilion, blue, green, black, brown.

(b) Ivory finished white paper; blue, black.

Type 92. 1876. One Cent. Small bust of Franklin, in profile to left, on colorless oval 13x15 mm., edged with double line of color, then a band 14x16½; POSTAGE above in straight label, ONE CENT below in curved label, letters colorless, labels solid color; across each upper corner a lined label with U. S. in colorless capitals; numeral 1 in each lower corner, lined, in ornamented shaded shield; a five pointed colorless star with small colored star in centre in circle of solid color, on each side; stamp is rectangular, engraved on steel, die impression 18x22 mm.

(a) Ivory finished white paper; black, blue, vermilion.

(b) India paper; blue.

(c) Proof paper; vermilion.

Type 93. 1876. Three Cents. Bust of Liberty in profile to left, with cap, on colorless oval, 13⅞x15¼ mm. Above on a curved band of color with straight ends U. S. POSTAGE, U. S. in colorless capitals, below on a straight band of color, THREE CENTS in colorless capitals; column at each side supporting the upper label; scroll work completes rectangle at top; upper corners between oval and upper label, filled in with horizontal lines forming a kind of frame; space between oval and bottom label, filled in with vertical lines.

wavy in centre straight at ends, making an irregular design; these lines crossed by diagonal lines at the left of the bottom of the oval, give the effect of shading.

Die impression, 17½x21½ mm. Engraved on steel. Continental Bank Note Co.

(a) Proof paper; green, brown.

(b) India paper; blue, green, black.

Type 94. 1876. (Tiffany, T. 58.) Three Cents. Small bust of Washington in profile to left on colorless oval 13½x16 mm., surrounded by three colored lines separated by colorless lines; bands and inscriptions, as in Type 93; columns are shorter, resting on shaded rectangles containing the numeral 3; space between oval, rectangles and lower band filled in with olive branches, separated by a five pointed colorless star, doubly lined.

Continental Bank Note Co. Die impression, 19½x24½ mm.

(a) India paper, large; vermilion, brown, blue, black.

(b) Plate impression, white paper, imperf.; vermilion, green, black.

(c) Plate impression, white paper, gummed, perf. 12; green, blue, brown, red-brown, black, orange, vermilion, orange-brown.

(d) Plate impression, grayish paper, gummed, perf. 12; vermilion, blue, red-brown.

Type 95. 1876. (Tiffany, T. 59.) Three Cents. Same design as Type 94, but smaller; oval about 13x15½ mm., full rectangle, 17½x21¼ mm.; colorless star is solid.

Continental Bank Note Co.

(a) Imperforate, on white paper; vermil-

ion, black, green, yellow-brown, orange, olive-brown, purple-brown.

(b) Perf. 12 on white paper; vermilion, black, green, brown, red-brown, blue, orange.

(c) India paper, large; blue, black.

Type 96. 1876. Three Cents. Similar to last two essays, bust is larger, inside oval is 13½x16mm.; columns are nearer edges of stamp; label above has only U. S. POSTAGE; rectangles containing numerals are on level with lower edge; value THREE CENTS in colorless capitals, in two lines on labels with solid ground; the upper label being curved and the lower straight. No olive branches or star.

Continental Bank Note Co. Die impression 19x24½ mm. on proof paper.

(a) Imperforate; vermilion, black, green, brown, blue.

About the same time, Messrs. Carpenter, Butler & Co., Philadelphia, submitted a number of essays; they all show a large head of Washington in profile to left on an oval disk, in two forms, the one 18 mm. high and the other 16 mm. high, part of the drapery and part of the queue being cut away in the latter; calling the former head 1 and the latter head 2, the firm imprinted the two in a vertical pair, on proof paper.

Type 97. 1876. Three Cents. Heads 1 and 2 in vertical pair, on proof paper; red, dull-red, yellow, orange, brown, mauve, purple, violet, black, gray, steel-blue, blue, dark-green, light-green.

Type 98. 1876. (Tiffany, T. 60.) Three Cents. Head of Washington, type 2 as above described; above U. S. POSTAGE, below THREE CENTS in colorless capitals on oval bands following the shape of the oval; at each end of each band is a small colored oval bearing the colorless numeral "3"; six colorless five rayed stars above and seven below the inscriptions; corners rounded.

Carpenter, Butler & Co. Impression 19x24½ mm.

(a) Die impression on proof paper; brown, red-brown, yellow, orange, violet, mauve, purple, blue, steel-blue, black, red (3 shades), light-green, dark-green.

(b) Die impression on colored card; vermilion, brown, mauve.

(c) Plate impression, India paper, mounted on large card; entire sheet of twenty-five (5x5) stamps; red-brown.

(d) Plate impression on proof paper; mauve, purple, violet, red-brown, brown, drab, orange, yellow, rose, carmine (4 shades) dark-green, light-green, black, steel-blue (3 shades) (19 colors in pairs).

(e) Plate impression on green bond paper; vermilion, brown, red-brown, violet, red, black, yellow, orange, dark green, light green.

(f) Plate impression, on glazed chemically prepared paper; brown, carmine, blue, pale-blue, yellow, orange, black, crimson, mauve, vermilion. (I have 13 colors, in pairs.)

Type 99. 1876. Three Cents. Head of Washington, type 1 as above described, in oval 12½x20½ mm. U. S. POSTAGE

above, THREE CENTS below, in colorless capitals on horizontally lined bands, following the line of the oval; scroll work at sides outside of oval, extending round the corners but not meeting at top or bottom of oval. Reminds of the one cent stamp of 1851.

Impression 21½x25 mm.

(a) Die proofs on very thin paper mounted on proof paper, giving the effect of hub proofs.

Red-brown, lilac, violet, yellow, orange, brown, steel-blue, blue, black, rose, carmine (2 shades) gray-brown, light-green, dark-green.

(b) Die proofs on colored cardboard; orange, black, brown.

The same firm, Carpenter, Butler & Co., submitted a series of nine values, engraved in relief for surface printing; the general design is a large head of Washington, Type 2 as above described in an oval 14x19 mm., surrounded by a line or ornaments; the rectangle is filled in with other ornamental work on which the lettering appears without color; impression 20x25 mm.

These designs were arranged to form two plates; one, consisting of four stamps each (horizontally) of the 1 cent, 3 cents, 7 cents, 24 cents and ninety cents, making five rows of four stamps each, and the other consisting of four stamps each (horizontally) of the 2 cent, 6 cent, 12 cent, and 30 cents, making four rows of four stamps each; all perforated 12; between the rows was the inscription: Printed

by Philadelphia Bank Note Company. Patented June 16, 1876.

Tiffany says they came perf. and imperf., and probably all values exist in all colors named. The types are:

Type 100. 1876. (Tiffany, T. 61.) One Cent. The border is ornamented by small double pearls; U. S. POSTAGE above and ONE CENT below, on curved bands. There is a scroll and ball in each corner; numeral "1" in small colorless rectangle on each side.

Type 101. 1876. (Tiffany, T. 62.) Two Cents. The border of the oval is ornamented by alternate colored and colorless triangles; U. S. POSTAGE above and TWO CENTS below on the background; a diamond before and after each inscription; a vertical and a horizontal scroll and a diamond in each corner; numeral "2" in color on a colorless rectangle at each side.

Type 102. 1876. (Tiffany, T. 63.) Three Cents. The border of the oval is formed by a small cord and a similar cord forms the outside edge of the stamp; the corners are curved inward with a ball outside and scrolls inside; U. S. POSTAGE above and THREE CENTS below, on the background, in curves following the curves of the oval; a ball before and after each inscription; a colored numeral "3" on a colorless rectangle on each side.

Type 103. 1876. (Tiffany, T. 64.) Six Cents. The oval is bordered by two colorless zig-zag lines; U. S. POSTAGE above and SIX CENTS below the oval, in colorless capitals on bands; a colorless star before and after the SIX CENTS; numeral "6" on each side in a scroll; corners foliated and pearled.

Type 104. 1876. (Tiffany, T. 65.) Seven Cents. The oval is bordered by a lined band containing 34 colorless stars; U. S. POSTAGE above and SEVEN CENTS below in colorless capitals on colored bands conforming to line of oval; a ball before and after each inscription; numeral "7" at each side on shaded ovals; corners foliated.

Type 105. 1876. (Tiffany, T. 66.) Twelve Cents. The oval is bordered by a band ornamented by a colored grec; scroll at top with U. S. in colored monogram; scroll at bottom with "12" in color; on left side U. S. POSTAGE and on right side TWELVE CENTS in colorless capitals on bands.

Type 106. 1876. (Tiffany, T. 67.) Twenty-four Cents. The oval is bordered by a colorless band, ornamented by a chain of ccc and a colored band inscribed U. S. POSTAGE TWENTY-FOUR CENTS in colorless capitals; "24" colored, on a colorless oval below; shields in the upper corners; U. S. in monogram in each lower corner.

Type 107. 1876. (Tiffany, T. 68.) Thirty Cents. The border of the oval is ornamented by diamonds and lozenges; a dia-

mond on each side; U. S. POSTAGE above and THIRTY CENTS below, in colorless capitals, in curves, on the background; "30" at bottom, colored, on colorless oval; corners ioliated.

Type 108. 1876. (Tiffany, T. 69.) Ninety Cents. The border of the oval is ornamented by bee-shaped figures; U. S. POSTAGE above and NINETY CENTS below in colorless capitals on the colored background, in curves following the curve of the oval; "90" colored, on colorless plate, at bottom; double scrolls in corners.

Note.—Please observe that the varieties lettered (a) to (l) are combinations of Types 100 to 108 inclusive.

(a) Frames of the one cent and two cents, side by side on proof paper; orange, yellow, mauve, lilac, violet, black, brown, red-brown, light-brown, green, dark-green, light-green, steel-blue, blue, ultramarine, vermilion, carmine, lake. (20 shades.) Also on tissue paper; blue, orange, green, brown, red.

(b) Frame of the three cents, on proof paper; orange, yellow, mauve, lilac, violet, black, brown, red-brown, light-brown, green, dark-green, light green, blue, steel-blue, ultramarine, vermilion, carmine, lake. (20 shades.) Also on tissue paper; blue, orange, green, brown, dark-red; also on finished card; red.

(c) Frames of the six cents and seven cents, side by side, on proof paper; orange, yellow, mauve, lilac, violet, black, brown,

light-brown, green, dark-green, ultramarine, steel-blue, vermilion, carmine. (15 shades.) Also on tissue paper; orange.

A variety has been seen in which the serif of 7 points to the right.

(d) Frames of the twelve cents and twenty-four cents, side by side, on proof paper; yellow, orange, red-orange, mauve, violet, black, brown, light-brown, green, light-green, dark-green, blue, steel-blue, ultramarine, vermilion, carmine, lake. (20 shades.) Also on tissue paper; blue, orange, green, brown, dark-red.

(e) Frames of the thirty cents and ninety cents, side by side, on proof paper; yellow, orange, red-orange, lilac, violet, black, brown, light-brown, green, dark-green, light-green, blue, steel-blue, ultramarine, vermilion, carmine, lake. (20 shades.) Also on tissue paper; blue, orange, green, brown, dark-red.

(f) Three Cents. Four copies, built up, mounted on card, to represent a block of four, as from a plate impression; water colors; purple, blue, green, red.

(g) Three Cents. Die proofs on proof paper; yellow, orange, red-orange, red, brown, blue, black, mauve, green. (15 shades.)

(h) Three Cents. Die proofs on tinted India paper; red, orange, black, green. (7 shades.)

(i) Three Cents. Die proofs on colored card; red, purple, black.

(j) Three Cents. Plate proof on finished white paper, three rows of three stamps to the plate; at bottom "Philadelphia Bank Note

Co., Philadelphia;" red, blue, black, gray-black. purple, lilac, slate, green, yellow, orange, magenta, brown.

(k) Complete plate of the 1, 3, 7, 24 and 90 cents, five rows of four stamps, perforated 12; orange, violet-blue, brownish-orange, brown, red-violet, ultramarine.

(l) Complete plate of the 2, 6, 12 and 30 cents, four rows of four stamps perforated 12; orange, vermilion, green, lilac, purple, mauve, yellow-brown, red-brown, brown, blue, violet-blue, brownish-orange, red-violet, ultramarine, light-green, pale-green.

(m) Plate proofs, frame only, on card; 1, 2, 3, 12, 24, 30 and 90 cents, in pale greenish blue.

(n) Plate proofs of Three Cents, nine to a sheet, on green bond paper; carmine, orange, brown-orange, violet, black, brown, purple.

Type 109. 1876. Three Cents. Same as Three Cents above described, except the head, which is that of Lincoln, three-quarters to right; a built up stamp, probably water color; four copies mounted on a card resembling a block of four from plate impression.

Blue, green.

Type 110. 1876. (Tiffany, T. 70.) The National Bank Note Co., engraved an essay for a Seven Cent stamp, with the head of Liberty on a rayed ground; mentioned by Durbin's Monthly; color not noted.

Type 111. 1877. (Tiffany, T. 71.) The Scientific American, Vol. 38, No. 6, page 86, describes an essay proposed by Alfred Potts; the illustration is very similar to the envelope stamp of 1861, with a fancy border, bounded by a rectangle; this was to be printed on a band and wound round the envelope and fastened after it was addressed, so that it had to be torn off to read the address. The inventor says (Patent applied for) that they should be retained by the mailing office as vouchers for the number of letters cancelled and postage collected.

Type 112. 1878. (Tiffany, T. 72.) Three Cents. Head of Liberty in profile to left, in colorless lines, on a colored oval, surrounded by a broad white band 1 mm. wide; U. S. POSTAGE above and THREE (3) CENTS below, colorless in colored bands following the line of the oval; frame in colored engine turned work, corners rounded with a large colored dot on each.

Printed in relief by National Bank Note Co. Impression 20x26 mm.

(a) From the untrimmed die, showing a colorless rectangle about the stamp, the broad outer edge being colored. The oval is perforated with small perforations, nearly touching; the white space around the stamp is perforated 12.

Carmine.

(b) The same, with outer edge removed, on large ordinary paper, gummed but no perforation; carmine, blue, green, yellow, orange,

brown, lemon, pale-yellow, mauve. (17 shades.)

(c) The same on card; black, orange, lake, rose-violet.

(d) Same as last, both oval and stamp perf. 12, no outside edge of color; brown, blue, green, pale-rose, lilac, brown, yellow, orange, vermilion. (18 shades.)

(e) Same as last, imperforate, printed in at least three colors shading into each other, giving the effect of chameleon colors. (20 varieties.)

(f) Same as (d) outside edge only, perf. 12; purple, green, orange, brown, red. (9 shades seen.)

(g) Same as last, outside edge perf. 12; chameleon colors; blue, red, green, brown. 12 varieties seen, including four vertical pairs.

(h) Same as last, outside edge perf. 12, on orange paper; red.

(i) Same as (b), heavily stamped on card, no color.

(j) Same as last, imperf. on white paper on which a design (6 varieties) has been printed in another color; black on red, gray, green.

Type 113. Three Cents. Head and bust of Columbia, with helmet, crested with an eagle's head and feathers; robe fastened by a disk showing U. S. in monogram; all in oval 15 x 19 mm.; rim of helmet shows four 5 pointed stars, two shaded and two colorless; a band above shows U. PORTAGE S. in colorless capitals; portion of band bearing PORTAGE is solid color with ends shaded;

below the oval a colorless "3" in solid oval; to left of this last oval a straight solid band, running diagonally upward, bears THREE in colorless capitals; a similar band to right bears CENTS; a six pointed star, shaded vertically, on each side; shaded triangles in corners.

Die impression 20x25½ mm.

(a) India paper, mounted on large card; green.

(b) Proof paper; vermilion, black, brown, blue, green.

Type 114. Two Cents. A large figure "2" in engine work, occupies the full size of stamp, 20x25 mm. Spaces are filled in with foliations to make a rectangle; an oval 6¾x10 in the upper part of the large 2 is left blank; inscription above, U. S. POSTAGE, below, TWO CENTS. in small colorless capitals; in space between body and tail of the large 2 appears "Impressment 1812" in two lines, colored.

(a) India paper, mounted on large card; vermilion.

Type 115. Three Cents. Similar to Type 114. A large figure "3" in engine work occupies the full size of the stamp 21x25 mm. Spaces are filled in with foliations to make a rectangle; an oval 10x14 mm. is left in the middle of the design for a vignette; a bent label in the upper part of the large 3 is left blank as is also a curved label in the lower part of the 3. Engraved on steel, printed on India paper, die proof, mounted on card.

(a) The frame, as above described; black.

(b) The frame above, with photograph vignette of Columbia, pasted on the small oval; Columbia has a fillet of six five pointed stars; black, green.

(c) The same as above, with vignette; the labels are filled in, upper label, THREE CENTS, lower label UNITED STATES POSTAGE in small colorless capitals on solid colored ground; black.

Type 116. Three Cents. Similar to Type 115. The foliations are changed and show more color about the stem of the large figure 3, bringing it out clearer. Die proof on India paper, mounted on card.

(a) The frame, with inscriptions in the labels, without vignette; black.

(b) The same with vignette added, photograph pasted on; black, green.

Type 117. Six Cents. Similar to type 114. A large figure "6" occupies the full size of the stamp, 22x22½ mm. In the upper left corner, a shield, in upper right corner scroll work, in lower left corner "U", in lower right corner "S"; three dots in color in colorless circles in each lower corner; in upper part of the large 6, U. S. POSTAGE in two curved lines diagonal to corner of stamp; below the oval, SIX CENTS, colorless, in curve; in space between the body and tail of the large 6, a colorless scroll with MONROE DOCTRINE in two lines in small colored capitals.

Die impression.

(a) Large India paper, mounted on large card; green, vermilion.

Type 118. Large head of Columbia fills the rectangular frame, 18½x21 mm., hair bound with a fillet bearing "COLUMBIA" in colored capitals; back of the fillet appear, wheat, thistles and ivy leaves; locks flowing; in lower corners, two small double lined circles, containing, at left "3", at right "2", in colorless figures on solid ground.

Plate impression, perf. 12, on thick white paper, gummed; vermilion, blue, green, pale carmine.

Type 119. One Cent. Head of Liberty, three-quarters to left, with Phrygian cap on solid colored oval 13x16 mm. U. S. POSTAGE, ONE CENT below, on solid bands conforming to shape of oval; "1" on each side, on solid octagonal tablet; frame formed of lathe work; outside line of frame wavy, something like the 12 cent August, 1861, stamp.

Impression 16½x20¾ mm. on thin bluish white paper; crimson-lake, lilac-brown.

My copies are cut to shape and indicate outside color.

Type 120. Ten Cents. Head of Liberty, in profile to left, without cap, in lined oval 14½x17¾ mm. The sides of the oval are broken into by the frame on each side, in wavy lines; these side frames contain each four 5 pointed colorless stars; blank labels above and below the oval; colored "X" in colorless circle in each corner, those in upper

corners being smaller than those in lower corners.

Rough impression, 21x25¾mm., on thick white or tinted paper, gummed; generally found surcharged "CANCELLED" diagonally each way.

Red (4 var.), green (2 var.), lilac (3 var.).

Type 121. Three Cents. In 1879 there was submitted a form of Postal Revenue bond for $300, due in thirty years, with interest at 3.65%; coupons (three cents each) receivable for postage in all parts of the U. S. The cover of the bond was stamped in rubber stamp work, "Henry Robinson, Postmaster, Concord, N. H."

Coupons, 25x7½ mm. read: U. S. POSTAGE at top in colored letters on colorless curved band; THREE 3 CENTS, below, in colored capitals on colorless curved band; figure 3 being colorless; in centre are two colored tablets, that on left bearing figures "18" and on right "79", with a colorless tablet between to bear day of month e. g. "Jan. 8."

It was doubtless intended that each coupon should be good for postage on or after its date.

(a) Entire bond, showing ninety-nine coupons, sixty-one to a sheet, of which twenty bear the month and day of date, others being left blank; coupons are perf. 12 all round; green.

(b) Single coupon, dated Jan. 8, 1879; black.

Type 122. Five Cents. Same oval and frame as the Five cent stamp of 1894, with triangle I in upper corners; the head is that of William H. Seward in profile to right, instead of Grant, and is pasted on.

Bureau of Printing and Engraving.

Built up stamp, 19x22 mm., cut close and mounted on card; black.

Type 123. Five Cents. Similar to last; built up around same centre (photograph); border in water color and India white; "5" in each upper corner; UNITED STATES POSTAGE in three lines under oval; FIVE at left and CENTS at right in graduated letters on ornamented labels bisecting lower corners.

Drawn on ordinary paper, cut close, affixed to envelope; brown.

Type 124. 1887. One Cent. Like the one cent stamp of June 15, 1887, but head of Franklin in profile to right; arrangement of hair and shading of drapery differ from the adopted type.

American Bank Note Co. Impression 19½x26 mm.

(a) India paper, mounted on card; black.

Type 125. 1890. Two Cents. Frame for the two cent stamp of 1890, showing the frame only, with figure "2" in oval on each side; oval blank and no inscriptions.

American Bank Note Co. Impression 19x22 mm.

(a) Proof paper; vermilion, brown, black.

Type 126. 1890. Five Cents. Like type adopted but showing a different head of Grant, facing one-quarter to left instead of to right.

American Bank Note Co. Die impression 19x22 mm.

(a) Large India, mounted on card; black, dark brown.

(b) Ivory finished paper; black.

Type 127. One Cent. A head of Columbia in an oval 14x16 mm., surrounded by an oval band 2 mm. wide in which is a single line of color; the frame has a tablet above with U. S. POSTAGE in colorless capitals; U and S in the upper corners; inscription below is ONE CENT with numerals 1 and 1 in the lower corners. American Bank Note Co., 1890.

(a) On medium white paper, surface tinted blue; head in buff, frame in carmine.

Type 128. 1890. Three Cents. Same head as last essay in an oval 13x16 mm.; above, THREE CENTS, colorless capitals on vertically lined ground, separated by a figure 3, large, ornamented, cutting into oval; below, U. S. POSTAGE in colorless capitals on vertically lined ground, with a five pointed colorless star below; in lower corners, U and S in cross-lined capitals; figure 3 on each side, colorless in vertically lined ovals; frame as above described is very irregular and the ground outside is horizontally lined to make a rectangle; the whole is bordered by a single

fine line, making a rectangle 20½x25½ mm. American Bank Note Co.

(a) On medium white paper tinted buff; head and oval in buff, frame in green.

(b) On medium white paper tinted blue; head and oval in buff, frame in carmine, on orange paper; black.

(c) On ivory finished white paper, centre left blank; black.

Type 129. 1890. Ten Cents. Same head of Columbia in oval 15x15 mm. In the upper corners U and S, below, a curved band, solid color, with U. S. POSTAGE in colorless capitals; all this on a shield; below the shield, a curved ribbon, vertically shaded, with TEN 10 CENTS, colorless; the numerals are on a six pointed star which cuts into the label above and the frame below.

American Bank Note Co. Impression 20x25 mm.

(a) On medium white paper, tinted blue; head and oval in buff, frame in carmine.

(b) On India paper, mounted, centre left blank; vermilion, blue, green.

(c) On ivory finished paper; black.

Type 130. 1893. Drawings for the Columbian issue of postage stamps; a set of eight, showing the original sketches for the three cents, six cents, ten cents, thirty cents, one dollar, and three dollars; also a sketch of Isabella, resembling that adopted in the $4 stamp, but much larger; also a sketch, same size as last of a man who cannot be

recognized, certainly not Columbus, may be Grant.

(a) Die impression, on card; red.

Type 131. 1894. Design for the Two Dollar stamp, Omaha set. The central design is WESTERN MINING PROSPECTOR, as adopted for the fifty cent stamp; the frame is that of the original two dollar stamp, with the cypher "$" as large as the "2" in each upper corner; the label below the picture, really a part of the frame, contains the inscription HARVESTING IN THE WEST.

(a) Die impression on India paper; violet.

Type 132. 1894. Design for the centre of Two Dollar stamp; a mounted Indian, with feathered head-dress and ornamented sleeves and leggins; mane and tail of horse ornamented with feathers.

(a) On proof paper, mounted on card; black.

Type 133. Three Cents. A lithographed or typographed essay. Head and shoulders of Washington about as in the ten cent postage stamp of 1851 and 1861, but more of the chest showing, in a circle 19 mm. diameter, the background of which shows colorless diamonds arranged to represent vertical lines of shading; there is a curved label above with THREE CENTS and a straight label at bottom with POSTAGE, letters being in color on colorless ground; there is a small colored square at each end of this bottom label.

(a) Thick white paper; blue, vermilion, green.

Type 134. Dec., 1902. Three Cents. Head of Columbia to left with hair arranged low, nearly covering ear and at back of neck, with fillet of olive branch, on horizontal lined ground in oval 13½x16 mm; above "Experiment" in colorless letters on solid label following shape of oval; in each lower corner a colorless square with colored figure 3; stamp is 17x21 mm. rectangular, outer line colored; background lined; no ornaments in upper corners.

American Bank Note Co.

(a) On India mounted on card; red.

(b) Same with triangle shown in each upper corner.

(c) On India mounted on card; red, blue.

ESSAYS FOR
DEPARTMENT STAMPS

Type 135. 1873. Executive Department. Three Cents. Like the adopted type, except that the inscription in the curved band above the centre oval reads EXECUTIVE DEPT., instead of EXECUTIVE.

Continental Bank Note Co. Die impression.

(a) On large India paper, mounted on card; black.

Post Office Department. Essays were prepared by the Continental Bank Note Co., similar to the set adopted for the other departments, with heads of Franklin, Jackson, Washington, etc., in the centre oval; the frame was similar to the adopted types for the P. O. Dept., but the lower label containing value was ornamented differently at the ends in most cases.

Secret marks of the Continental B. N. Co. are missing. Die impressions.

Type 136. 1873. One Cent.

(a) India paper, large, mounted on large card; blue.

(b) On India paper; blue, green.

(c) On ivory finished white paper; black, vermilion.

Type 137. 1873. Two Cents.

(a) On India paper; blue.

(b) On ivory finished white paper; black, blue.

Type 138. 1873. Three Cents.

(a) On India paper; black, vermilion.

(b) On ivory finished white paper; black, vermilion.

Type 139. 1873. Six Cents.

(a) On ivory finished white paper; black, (unfinished die).

Type 140. 1873. Ninety Cents.

(a) On India paper; brown.

(b) On ivory finished white paper; black, blue.

ESSAYS FOR
REGISTERED SEAL

Type 141. 1872. The design is similar to the adopted design, 41x73 mm., but the inscription "STAMP HERE DATE AND PLACE OF MAILING" around the central circular disk is in colorless capitals, while the remainder of the letters are in solid color without shade lines.

The word "REGISTERED" obliterates the other words where it touches them.

(a) Die impression on white card; brown.

Type 142. 1872. Like type 141 except that the word "REGISTERED" appears to be under and does not obliterate other words which it touches. (As in adopted type.)

(a) Die impression on white paper mounted on card; brown.

(b) Die impression on large cardboard; brown, red, yellow.

Type 143. 1872. (Tiffany, T. 75.) Similar to adopted type, but the circular disk in the centre has a ground of concentric circles. The word "REGISTERED" is without the colorless shading and obliterates the other words where it touches them.

(a) (Tiffany says) on white cardboard; mauve.

Type 144. 1872. Like adopted design, except that the word "REGISTERED" obliterates the other words which it touches; colored shading as in adopted type.

(a) On very thin paper (India ?) mounted on card; green, blue, yellow, carmine.

(b) On similar paper similarly mounted; stamp printed in two colors or shades, top blue, bottom green; top dark green, bottom light green.

(c) On white cardboard, with colored border about stamp (full size 57x100 mm.); brown, blue.

ESSAYS FOR
NEWSPAPER STAMP

Type 145. 1873. (Tiffany, T. 73.) Vignette of statue of Liberty, similar to type adopted, but full face, in a rectangular frame with curved top. POSTAGE above, TWENTY-FIVE on each side, CENTS below, colorless letters on vertically lined ground. "U" and "S" in upper corners and "25" in lower corners; the outside border forms a small square in each corner.

(a) On India paper; vermilion, black, blue.

ESSAYS FOR
LETTER SHEETS

Letter sheets were authorized by Congress in 1860, at which time the small (Star) die was in use; paper could be offered by the public for printing by the P. O. Department; the first letter sheets printed for public were in 1861, when the newly adopted design of stamp was used (outlined block capitals, figure of value at sides in small circle).

The writer possesses specimens that may be called essays, but may have been printed for private use, of letter sheets, extreme size 201x296 mm. on paper not regularly watermarked, with impressions of the three cent envelope stamp of 1860, (the star die, small size.)

Type 146. Letter sheet with die 9 (Star die).

(a) On white paper, no watermark; red

(b) On blue paper, irregular watermark; red

The American Bank Note Co. prepared two essays for the Letter Sheet adopted and issued in 1886. Head of Grant as in adopted type.

Type 147.

(a) Like adopted stamp but showing a white border about 1 mm. wide around the stamp; on white paper printed surface blue; blue.

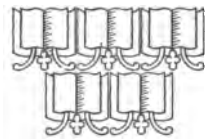
(b) On white paper without border; blue, orange, carmine.

Type 148. A head of Grant like No. 147 but showing more of the coat, in oval 19x24; at sides are axes, fasces and olive branches; above a curved tablet following oval, containing UNITED STATES POSTAGE in colored capitals, below at left, an inclined shield with numeral "2" with row of seven stars and stars below Nos. one and seven of the seven; below at right a scroll with TWO CENTS; the whole makes a large impression, say 32 mm. square, but very irregular in contour; the impression is blue on white 37 mm. square with wide blue border printed on white paper.

ESSAYS FOR
POSTAL PACKET STAMPS

51x89 mm. resembling the large newspaper stamp of 1865; large head of Franklin to left in oval 23x29 mm. of engine turned work; above "5 U.S. 5" and POSTAGE colorless two lines; below "FIVE CENTS" colorless and "PACKAGE" colored on the engine turned background, two lines; at each side a circle, lined, with V in solid color, outlined in white.

(a) On thick white paper, cut to size, mounted on white card; red, blue.



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