# THE RETOUCHED 2 CENT ENVELOPE DIES OF THE SERIES OF 1903 

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REPRINTED FROM THE ORIGINAL ARTICLES IN THE PHILATELIC GAZETTE, NEW YORK, WITH ADDITIONAL NEW DISCOVERIES

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## T:FE RETOUCHED 2 CENT ENVELOPE DIES OF THE SERIES OF 1903.

By LOUIS G. BARRETT.

Since my first short note in Mekeel's Il cekly of August 13, 1904, calling attention to the discovery of the first retutched die of the then current two cent stanped envelope, until the present time, over seven years later, the interest in these types by collectors has been almost unprecedented.
With each successive insialment of the descriptions, which finally carried the number of different types up to the considerable total of 143 , with several important sub-varieties, an increasing number of collectors found much pleasure and interest in collecting and identifying these fascinating products of an economical (?) postal administration.

Starting out with but 200 working dies on a four years contract, and in the face of a constantly increasing use by the public of these convenient forms of postal stationery, the contractors soon found themselves forced to recut many of the lines on these working dies or "transfers," owing to the serious wearing down of the dies under the heavy pressure of embossing and the altempt to take about five times as many impressimns from them as they were fitted for.
As stated above, 143 different and distinct varieties are known, several being formed on more than one "size" and often on all four "colors" of the Government scliedule.
Here I wish to impress upon collector the great importance of keeping "entire specimens only, and if possible unused ones, only keeping a used copy in the event that an unused one may be unohainable or unless lightly cancelled. Many of the identifying features of the larinis types are extremely hard to see on hcavily cancelled specimens.

The value of keeping only entire envelopes may be shown by the following example. If. for instance, a collector has a Size 7 envelope of a retouched type and he wishes to know which one of the 143 it is, he need not look through all of the descriptions, but only those appearing on Size 7, viz., Types 8, 11, 45, 102 and 121 , thus at once narrowing the field down to five possibilities, and as each of these five is sufficiently distinct from the others, no difficulty should be had in linding the correct type, which we will say in this case was Type 8, with a tall "I" in the word WASHINrTON and with the two lobes at left end of lower ribbon widely separated, the upper lobe being quite small and round. Also. a familiarity with the different "sizes" of envelopes as issued by the Government will tell him at once that this Type 8 should be found on the four colors of paper. white, amber, blue and buff, used for that size 7.
To assist those collectors who may not know the different sizes one from another, and the colors of paper used for each. I give here the whole list as on the Government schedule, the dimensions being given in inches as there given, and in millimeters as known by philatelists. 1 believe, in this connection, for the purpose of measuring "entire" envelopes, the system of "inches and fractions" will be found more convenient than the millimeter scale.

Sizes 5,13 and 3 , in the order named. are the ones most commonly used.
Size $1,27 / \times 5 \%$ inches ( $73 \times 134 \mathrm{~m} . \mathrm{m}$ ) issued in white only.
Size $2,31 / 4 \times 5 \mathrm{y} / 2$ inches ( $82 \times 139 \mathrm{~m} . \mathrm{m}$.) issued in all four colors.
Size 3. $33 \times 57 / 8$ inches ( $85 \times 149 \mathrm{~m} . \mathrm{m}$.) issued in all four colors.

Size $4,35 / 8 \times 57 / 8$ inches ( 9 ? $\times 149 \mathrm{~mm}$ ) issued in white and amber only.
Size 5, $31 / 2 \times 6.16$ itheles ( $89 \times 160 \mathrm{~m} . \mathrm{m}$.) issued in all four colors.
Size $7,37 / 8 \times 8 / 8$ inches ( $98 \times 225 \mathrm{~m} . \mathrm{m}$.) issued in all four colors.
Size $8,4 / 1 / 891 / 2$ inches ( $105 \times 241 \mathrm{~m} . \mathrm{m}$.) issued in white and amber only.
Size $9,436 \times 101 / 8$ inches ( $111 \times 257 \mathrm{~m} . \mathrm{m}$.) issued 3 m white and amber only.
Size 10, $39.16 \times 45 / 8$ inches ( $90 \times 117 \mathrm{~m} . \mathrm{m}$.) issued in white only.
Size $11,41 / 4 \times 51 / 4$ inches ( $108 \times 132 \mathrm{~m} . \mathrm{m}$.) issued in white only.
Size $13,33 / 4 \times 63 / 4$ inches ( $95 \times 171 \mathrm{~m} . \mathrm{m}$ ) ) issued in all four colors.
Size 14. $33 / 4 \times 65.16$ inches ( $95 \times 160 \mathrm{~m} . \mathrm{m}$.) issued in all four colors.

Size 12 , is the manila newspaper wrapper.
It will be seen at once from the above list that some of these sizes only occur on white, or on white and amber only. so that it will be useless to look for those types found on such sizes in blue or buff. unless the same type is used on another size where blue or buff papers would be used.
Many of the varieties are found on all four colors of paper; while some that should be found on all four, according to schedule, have not yet been seen on some one or other of them. As, however, even at this late date, varieties are being found on papers previously unknown, in remote country postoffices. and on the little-called-for sizes at the large city offices, it will well repay the resourceful collector to get busy and find out just what the postoffices in his vicinity have on hand in the line of old issues. I am sure he will find some interesting things if the postmaster is approached in a tactful and open way, with the reasons for his request explained.

I arn sure that those collectors who have increased their collections to the largest extent, will agree with me that this search for varieties is one of the great fascinations of the gathering of these retouched types.

I believe that a summary of the sizes with the various "types" found on each
will be of assistance, before proceeding with the descriptions of each type. They are as follows:

Size 1; Types 32, 42, 54. 57, 63, 76, 102.
§ize 2 ; Types $10,29,32,42,54,63,76,108,126$.
Size 3; Types 17, 20, 38, 42, 43, 84, 102, 124.
Size 4; Types 16, 34, 76, 112.
Size 5; Types 2, 4, 5, 6, 7, 9, 10, 13, 15, 16, 18, $19,21,22,23,24,25,26,27,28,29$, $30,32,33,35,36,37,39,43,44,45$, $46,47,49,50,51,53,54,55,56,57$, $59,60,61,62,63,64,65,66,69,70$, $72,73,74,75,76,77,78,79,80,83$, $83,85,86,87,88,89,90,91,92,93$, $95,96,97,98,101,103,105,106$, $108,109.110,111,117,118,119$, $122,125,[26,130,131,132,133$, 135. 141 (formerly known as the "Reengraved "Type); 142 (formerly known as 2A.) and 143 (formerly known as 6A).
Size 7; Types 8, 11, 45, 102, 121.
Size 8; Types 42, 48, 52, 102, 115. 134, 142 (formerly known as 2 A ).
Size 9; Types 3. 113, 120, 140.
Size 10; Types 43, 61, 70.
Size 11: Types 7, 51, 102, 112,
Size 12; Types $11,13,45,102$ (all wrappers).
Size 13; Types 1, 6, 12, 14, 19, 20. 27, 30, 31, 37, 39, 40, 41, 42, 43, 46, 49, 57, 58, 67. $68,70,71,81,94,99,100,102,103$, $104,107,114,116,123,127,128$, 129, 136, 137, 138, 139.
Size 14; Types 34, 50, 63, 102, 112 .
It will be noted that in the above list new numbers (viz., 141, 142 and 143) have been assigned to those types formerly known as "Re engraves." 2A and 6A respectively, which are all distinct types and should have been given separate numbers in the beginning. The affixes $\mathrm{A}, \mathrm{B}$ or C will thus only be used in designating sub-varieties of type. In the following descriptions of types the abbreviations W.., A., BL., BU. and WR. mean white, amber, blue, buff and wrapper respectively; also the initials R . and L . refer to right and left respectively.

To distinguish the retouched types from the printings from the original 200 transfers before retouching was resorted to, it is well to note the shade-lines at either end of the lower ribbon bearing the inscription TWO CENTS. In the original (see Plate I) these consi-t of two long lines conforming to the curvature of the end line of ribbon, ard a shorter inside line near the bottom of

Specially drawn for The Philateidc Gazette，by Louis G．Barretl．

| －1903－TYPE＋DIAGRAMS． |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\sum_{i}^{8}$ |  | $\mathrm{Sim}_{3}-5$ |  | $15.5$ |
|  |  |  | $\frac{3.7}{9 .}$ |  |  |
|  |  | (2n. |  |  | $\sum_{i 8}$ |
|  | 全立．19 |  | 每 |  |  |
|  | $\begin{aligned} & 36 \\ & 38 \\ & 8 \\ & 8 \\ & 8.25 . \end{aligned}$ | $\begin{array}{cc} 46 & 5 \\ 3 & 5 \\ 3 & 5 \\ 3 & 5 \\ \hline \end{array}$ | $\int_{-22}^{5}=-8$ | $\begin{array}{ll} \hline 66 & 2 \\ y_{3} & \\ 3 & 3 \\ 3 & 30 \end{array}$ |  |
| ${ }_{30}=5$ |  |  |  | $\begin{array}{ll} \hline \text { TAT } \\ 3 & 3 \\ 8 & 3 \\ \hline \end{array}$ |  |
|  | STATES is． | $\left\{\mathrm{TH}_{38}=5\right.$ |  | 8．${ }^{20}$ |  |
|  | 4．43．${ }^{\text {cill }}$ |  |  |  |  |
|  |  | －PLA | E．I＋ |  |  |

the other two. The long lines are the fili width of ribbon and frequently exthed into the upper and lower lines of rituon. In the "retouches" there are f. ce lines of about equal length, although, as in every good rule, there are cortain exceptions where this is not the cose. In these exceptional cases, howfier, there are always other details to go by to prove the identity of the variety.

The earliest printings from the original transfers were in a vermilion shade, lut the color was changed to carmine butore any retouching was done, so no relouches will be found in vermilion. The shades of carmine, however, covered an extensive range, from a beautiful clear rose or pink through various reds and carmines to a fine deep lake or maroon, so that besides the varieties of type in the retouches, an extensive series of shades may well be included in a collection, and will be found to add materially to its beauty and interest, especially if unused.

With the assistance of the sketches of principal features of each type, and these descriptions, I believe collectors will have no trouble in identifying their specimens:

TYPE 1; (Size 13 on W. A. BL. BU.)
(a) Lower lobe at $L$ horizontal and close down upon ribbon.
(b) The outer line of upper ribbon at $L$ of UN of UNITED is straight and forms nearly a right angle with the straight cond line of ribbon.

TYTFE 2: (Size 5 on W. A. BL. BU.)
(a) $R$ side of $A$ of STATES extends down into lower line of ribbon.
(h) L side of L swallow-tail is nearly straight.
:UB-VARIETIES:
213: (Size 5 on W. A. BL. BU.)
A horizontal dash extends inward from the lower shade-line in $L$ swallow-tail towards chin of bust: (There are three distinct stages in the evolution of this dash: some specimens only show a small hump on the side of the ribbon, others as a short blunt line, only about half as long as the extreme type.)
C: (Size 5 on W. BL. BU.)
(Believed to be a second retouch of Type 2): The bust of Washington has no eyebrow in profile, nose and fore-
bead being continuous: nose is sharp and slizhtly upturned.

TYPE 3: (Size 9 on $W$ and $A$ only.)
(a) Both ends of lower ribbon are straight and vertical, with sharp lower corner at $L$ end.
(b) Three teeth under TW of TWO and TS of CENTS touch lower ribbon.

## SUR-VARIETY:

3A: (Size 9 on W.)
Has the straight profile noted under $2 P$.

## TYPE 4: (Size 5 on W. A. BL. BU.)

(a) The lower line of lower ribbon is flat under TWO and touches base of W.
(b) C of CENTS is closed by a hair-line: 1 of UNITED is tall.
$4 A$ : (Size 5 on W. BU.)
SUB-VARIETY:
4A: (Size 5 on W. BU.)
First tooth down at $L$ is large; no shade-lines in either swallow-tails; $C$ of CENTS not closed; $N$ of UNITHD very thin.

## TYPE 5: (Size 5 on W. A. BL. BU.)

(a) Lower lobe at $L$ is large and slants sharply up from top of ribbon.
(b) T of TWO is tall.

TYPE 6: (Size 5 on W. A. BL. BU: Size 13 on W. A. BL. BU.)
(a) Sevens in dates are broad topped.
(b) $O$ of TWO and $C$ of CENTS rounder than originals.
(c) $\mathbf{R}$ half of L swallow-tail is broad.

TYPE 7: (Size 5 on W. A. BL: Size 11 on W.)
(a) L swallow-tail is broad where it joins end of ribbon.
(b) 1 and 7 wide apart in 1732.

SUB-VARIETY:
$7 \Lambda$ : (Size 5 on W. A. Size 11 on W.)
Has the Roman profile as $2 \mathrm{C}, 3 \mathrm{~A}$ and $4 \Lambda$ : cleventh tooth down at $L$ is almost entirely missing; no shade-lines in swal-low-tails.

TYPE 8: (Size 7 on W. A. BI. BU.)
(a) Tall I in WASHINGTON.
(b) The upper lobe at $L$ end of lower ribbon is small and round, and is connected with lower lobe by a long stem,
SUB-VARIETY:
8A: (Size 7 on W. BL. I3U.)
The tooth at I. of lower lohe at I. ead of
ribbon is entirely missing: D of UNITED is broken: no shade-lines in swallow-tails.

TYPE 9: (Size 5 on W. A. BL. BU.)
(a) Tall thin sevens in dates.
(b) ST of POSTAGE joined at top.

TYPE 10: (Size 2 on BL: Size 5 on W. A. BL. BU.)
(a) STATES larger than usual.
(b) TWO CENTS low down in ribbon.
(c) Cross-bar of $H$ in WASHINGTON extends beyond the side-lines.

TYPE 11: (Size 7 on W. A. BL. BU. and WR.)
(a) 7 of 1732 is low down.
(b) L swallow-tail is short.

TYPE 12: (Size 13 on W. A. BL. BU.)
(a) $C$ of CENTS low, touching lower line of ribbon.
(b) Top of $N$ of UNITED toucbes $L$ line of ribbon.

TYPE 13: (Size 5 on W. A. BL. BU. and WR.)
(a) The two labes at $L$ end of lower ribhon are broad and squatty, with only a short connecting stem.
(b) S of CENTS is tall.

TYPE 14: (Size 13 on W. A. BL. BU.)
(a) The first fold of upper ribbon at $R$ starts back at a sharp angle; second fold being wide.
(b) Lower lobe at $R$ end of lower ribbon narrow and slants down to $L$

## TYPE 15: (Size 5 on W. A. BL. BU.)

(a) The letters HING of WASHINGTON all out of alignment.
(b) L side of upper ribbon curves in suddenily at L of UN of UNITED.

TYPE 16: (Size 4 on W. A: Size 5 on W. A. BL. BU.)
(a) First shade-line at $L$ end of lower ribbon extends down into lower line of ribbon.
(b) $R$ side of $R$ swallow-tail points straight downward at tip.

TYPE 17: (Size 3 on W. A. BI. BU.)
(a) Both ends of lower ribbon and shade-lines at both ends slant inward.
(b) Lower lobe at $R$ narrow and horizontal.

IYPE 18: (Size 5 on W. A. BL. BU.)
(a) The ones in ates are bigh up.
(b) IBot': swailow-tails are long, deeply clef: and only slightily wavy.

TYPE 19: (Size 5 on W. A. BL: Size 13 on W A. BL. BU.)
(a) Spurred tooth in lower $L$ corner.
(b) At I. end of lower ribbon the shade-liac nearest $T$ of TWO extends down into lower line of ribbon.
SUB-VARIETY:
19A: (Size 13 on W. A. BL.)
Seventh tooth down at $L$ is entircly missing.
The tooth in lower $L$ corner is not spurred.

TYPE 20: (Size 3 on W. BL: Size 13 on W. A. BL. BU.)
(a) Shade-lines at $L$ end of lower tibhon are vertical, close together, and ciose to end of ribbon.
(b) Shade-lines at $R$ end of lower ribbon are wide apart.
(c) Both lobes at $L$ end of lower ribbon are about equal in size and both slant diagonally upward.

TYPE 21: (Size 5 on W. A. BL. BU.)
(a) Upper lobe at $L$ end of lower ribbon is round and close down against lower lobe: and the line at top of upper lobe points directly upwards.
(b) Shade-lines at $L$ end of lower ribbon are quite close to $T$ of TWO.

TYPE 22: (Size 5 on W. A. BL. BU.)
(a) $R$ half of $L$ swallow-tail is broad with a long terminal stroke pointing upwards.
(b) Both ones in dates are low down.

TYPE 23: ESize 5 on W. A. BL. BU.)
(a) 2 of 1732 is high up.
(b) $L$ side of $L$ swallow-tail intersects the rounded end of ribbon under the middle of U of UNITED. $\qquad$
TYPE 24: (Size 5 on W. A. BL. BU.)
(a) Lobes at both ends of lower ribbon have peculiar spiral formation.
(b) $R$ side of $L$ swallow-tail is very wavy.

TYPE 25: (Size 5 on W. A. BL. BU.)
(a) But two shade-lines at $L$ end of lower sibbon.
(.) 1. half of L swallow-tail is broad in the midde.

PE 26: (Size 5 on W. A. BL. BU.)
.1) The first shade-line at $L$ end of lower ribbon extends up into upper line of ribbon.

1) I. end of upper ribbon slants down towards mouth of buse.

HF 27: (Size 5 on W. A. BL. BU: Size 13 on W. A. BL. BU.)
(i) T of TWO very tall.
(b) E of CENTS is tall and leans back towards C.

TY।'E 28: (Size 5 on W. A. BL. BU:)
(a) Tboth ends of upper ribbon slant inward and upward.
(1) $R$ lialf of $I$ swallow tail is thinner than $L$ half.

TYPE 29: (Size 2 on W. BU: Size 5 on W. A. BL. BU.)
(a) Divisions of $L$ swallow-tail are short and blunt and wide apart.
(b) E of CENTS high up and close to $C$.

TYPE 30: (Size 5 on W. A. BL. BU: Size 13 on W. A. BL. BU.
(a) First shade-line at $L$ end of lower ribbon extends down into line of ribbon.
(b) Lower lobe at $R$ rather large with upper lobe close down upon it.

## TYPE 31: (Size 13 on W. A. BL. BU.)

(a) Upper lobe at $R$ end of lower ribbon is connected with lower lobe by a much curved stem.
(b) $R$ half of $R$ swallow-tail is corsiderably longer than $L$ half.

TY゙'E 32: (Size 1 on W: Size 2 on W. BL. BU: Size 5 on W. A. BL. BU.); also PHILIP. PINES: Size 5 on W.
(.) The lower line of upper ribbon under TATE is straight.
(1), The first stroke of $W$ of TWO and $S$ of CENTS touch upper line of ribbon: E of CENTS teans over towards $\mathbf{N}$; top of 3 of 1732 is losed like ant 8.

T'Y :. 33: (Size 5 on W. A. BL. BU.)
( Roth ends of I swallow-tail are heavy and slant downward and outward at an angle of 45 degrees.
'I R swallow-tails hroad auri heavy.

SUB-VARIETY:
33.1: (s゙ize 5 on W. A.)

Bust has Roman profile before noted: no slade-lines in $L$ swallow-tails.

TYI'E 34: (Size 4 on W. A: Size 14 on W. A. BL. LU.)
(a) A of STATES is below level of other letters and close to first $T$.
(b) There are but $21 / 2$ shade-lines in ends of lower ribbon as on original die, but the longer lines are shorter than originals.

TYPE 35: (Size 5 on W. A. BL.)
(a) Upper lobe at $L$ end of lower ribbon bas a long curved point.
(b) The $R$ half of $R$ swallow-tail ends with a hook, and point of division is far from end line of ribbon.

TYPE 36: (Size 5 on W. A. BL. BU.)
(a) Lettering in both tibbons is small: O of TWO nearly round and $C$ of CENTS quite open.
(b) The lower lobe at $L$ end of lower ribbon is "hump-backed."
(r) Both halves of $L$ swallow-tail are thin while those of $R$ are broad.
SUB-VARIETY:
36A: (Size 5 on W. A.)
A of WASHINGTON has no cross-bar. like an inverted $V$.

TYPE 37: (Size 5 on W. A. BL. BT: Size 13 on W.)
(a) The letters TATE are close together, both $S$ 's are far from them.
(b) $R$ end of upper ribbon is rounded;
(c) Apparently but 2 shade-lines at $L$ end of lower ribbon, altbough a third extremely fine one may be discerned on extra fine impressions.
SUB-VARIETY:
37: : (Size 5 on A.)
Lower half of $L$ side of $H$ of WASH. INGTON is missing: also top of $S$ of CENTS: No slade-lines in $L$ swallowtail.

TYPE 38: (Size 3 on W. A. BL. BU.)
(a) E of STATES is close to $T$ and above the other letters.
(h) W of TWO has hair-lines extending from lower points downward into ribbon line.
(c) First slate-line at 1 . end of lower ribbon rxtends up into line of ribbon.

TY|'E 39: (Size $\mathfrak{3}$ on W. A. BL. BL: Size 13 on W. A. BL. IUU.)
(a) A of STAlES has long second stroke as in 'lype 2.
(b) I half of $L$ swallow-tail has a vlouble point.
(c) 1 of 1732 has a distinct serif.

TYPE 40: (Size 13 on W. A. BJ. BU.)
(a) There is a double-pointed tooth over the hall af large numeral in upper $R$ corncr.
(b) $21 / 2$ shade-lines in $R$ end, and 3 in $I$, end of luwer ribbon.

TY[PE 4]: (Size 13 on W. A. BL. BU.)
(a) E of STALES close to $T$.
(b) The angle of division of $L$ swallow-tail is double pointed and close up to end line of ribbon.

TYPE 42: (Cize 1 on W: Size 2 on W. A. BL. BU: Size 3 on W. A. BL. BU: Size 8 on W. A: Size 13 on W. A. BL. BU.)
(a) Double potnted tooth below L shade-lines of lower ribbon.
(b) E of IPOSTAGE tips sharply downward

TYPE 43: (Size 3 on W. A. BL. BU: Size 10 on W: ize 13 on W. A.)
(a) There are long stems between first lobes at loct'l conds of lower ribtons, bringing the lobes on level with lop of dates.
(b) $R$ half of $R$ swallow-tail is longer than $L$ half.

TYI' 44 : ( ( ize 5 on W. A. IBL.)
(a) The two shade-lines at $R$ end of lower rih. bon and outer cone at $L$ end extend upwarda into line of ribhon.
(b) O of TWO leans towards $C$ of CENTS.

TYPE 45: (Size 5 on W. A: Size 7 or W. A. BL. BU. and WR.)
(a) N of CENTS is short.
(b) The emting of upper lobe at $I$, end of lower ribbon is semi-circular, pointing to the $L$.

TYPE 46: (Size 5 on W. A. BL. BU: Size 13 on W. A. HI., BU.)
(a) Middle shade-line at $R$ end of lower ribbon extends up into line of ribbon.
(b) C of CENTS leans towards the $E$.

TYPE 47: (Cize 5 on W. A. BI. BU.)
(a) The reverse fold of upper ribbon at $L$ cuts the inner line of ribhon opposite second stroke of U ON UNITED.
(b) CE of CENTS low down.
(c) Lower loise at $K$ end of a long stem conne ting it $w$

TY'UE 48: (Size 8 сn W. A.)
(a) 1 of 1732 is nearly twice fięures.
(b) loth halves of $I$ swallow slender, and point of div near end line of ribbon.

TYPE 4g: (Cize 5 on W. A. BL W. A. HL. BU.)
(a) Upper lobe at I, end of large.
(b) The outer shade-line at e: ribbon extonds up into lit

TYIE 50: (Eize 5 on W. A. BL W. A.)
(a) The 1 of 1732 is low down are close together.
(b) Both ends of lower ribb lower corners and the ou each end extends down it ribbon.

TYPE 51: (size 5 on W. A. I on W.)
(a) 1 of 1732 is high: 1 of 17
(b) [ipst shade-line at $L$ end extends un into line of thickened from above $T$ end of ribbon.

TYPE 52: (Size Son W A.)
(a) 1 of 1732 is ligh: i's POSTAGE nearly solid w
(b) First shade-line at $L$ end and outer two at $R$ end line of ribbon.
$\qquad$
TYPE 53: (Size 5 on W. A. BL
(a) The $\mathrm{R}^{2}$ end of lower ribbo slopes inward until meetir
(b) There is a very small re end of upper ribbon.

TYIE 54: (E゙ise 1 on W: s゙ize Size 5 on W. A. lit. BU.)
(a) The word STATES is low scrond stroke of $A$ exten ribbon.
(b) The first shade-line at L en merges into the end line

TYPE 55: (Size 5 on W. N. J3I
(a) There are no shadelines lower ribbon.

b) T of TWO and $T$ of CENTS close to up per line of ribbon.

JPE 56: (Size 5 on W. A. BL. BU.)
(a) The upper line of upper ribbon is flattened in over TE of STATES.
(b) There is a double tooth under $L$ shade-lines of lower ribbon.

1YPE 57: (Sizc 1 on W: Size 5 on W. A. BU: sjace 13 on W. A. BI.)
(a) The right end of upper ribbon is rounded as in Type 50.
(b) Tall $S$ in CENTS and lower line of ribbon is especially heavy from $E$ of CENTS to $R$ end.

FYPE 58: (Size 13 on W. A. BL, BU.)
(a) The entire inscription in upper ribbon is close to upper line of ribbon.
(b) E of CENTS is large and nearly vertical.

TYPE 59: (Size 5 on W. A. BL. BU.)
(a) The two T's in STATES are dropped, giving A the appearance of being high up.
(b) Small lower lobe at $L$ end of lower ribhon,

TYPE 60: (Size 5 on W. A. BL. BU.)
(a) $E$ of POSTAGE leans back towards the $G$ and the $G$ leans back towards the $A$.
(b) The upper line of lower ribbon humps up abruptly over EN of CENTS.
'TYPE 61: (Size 5 on W. A. BL. BU: Size 10 on W.)
(a) First lobe at $L$ end of lower ribtoun is high up from end of ribbon and on level with top of 1732 .
(b) The O of TWO low down, also CE of CENTS.

TVPE 62: (Size 5 on W. A. BL. BU.)
(a) The outer shade-lines at both ends of lower ribbon extend down into lower line of ribbon: the shade-lines at $R$ end are close together and close to end of ribbon.
(b) The bars of $E$ of POSTAGE are not at right angles with the back of the letter.

1-E 63: (Size 1 on W: Size 2 on W: Size 5 on W. A. BL. BU.)
(a) $R$ half of $R$ swallow-tail shows a double line near point of divisjon.
(b) Upper lobe at $L$ end of lower ribbon is nearly round and quite prominent.

MPE 64: (Size 5 on W. A.)
(a) Lower lolye at I end of lower ribbon humps up as in Type 36.
(b) N of WASHINGTON is out of aignmen.

TYPE 65: (Size 5 on W. A. BL. BU.)
(a) L end of uppor ribbon slants up fowards nose of bust; left side line of swallow-tail extends across it about under middle of $U$ of UNITED.
(b) Lower lite of upper ribbon is flattencd un der $A$ of Sllates.

TYPE 66: (Size 5 on W. A. BL. BU.)
(a) $C$ of CENTS leans towards the $E$.
(b) A of STATES leans towards second $T$.
(c) L end of upper ribbon slants uown.

TYPE 67: (Size 13 on W. A. RL.)
(a) Both 7's in dates are high up.
(o) lirst tooth down at L is double pointed.
(c) Tire first and second teeth at upper $K$ corner are wide apart with a very small point between.

TYPE 68: ( ize 13 on W.) Very scarce.
(a) The lower lobe at $R$ end of lower ribbolt is nearly horizontal but is trianpular in form. with its narrowest part towards the stem conmecting it with the ribbon.
(b) The line indicating the reverse fold of the $R$ end of the upper ribuo.s, jam-diathly to $L$ of $E$ of POSTAGE, is higher than the fold itself, curving down to meet it as in Types 43 and 76.
(c) The lower lobe at $L$ end of lower ribbon is narrow and slants up.

TYPE 69: (Size 5 on W. A. BL. BU.)
(a) Lower lobe at $L$ end of lower ribbon is nearly triangular in form.
(b) N of UNITED is very close to outer line of ribbon.
(c) TW of TWO are tall.

TYPE 70: (Size 2 on W: Size 5 on W. A. BL. BU: Size 10 on W: Sjze 13 on W. A.)
(a) Seventh tooth down at $L$ is a spurred one.
(b) Lower lobe at $R$ is of good size and slants up: lower lobe at $L$ is ncarly circular.

I'YPE 71: (Size 13 on W. A. BL. BU.)
(a) A of STATES small with first T close to it .
(b) 17 of 1799 high tup.
(c) C of CENTS leans towards the E , and N is high up.

TYPE 72: (Size 5 on W. A. BL. BU.)
(a) The $A$ and first $N$ in WASHINGTON are high up and the I is vertical.
(b) There is a spurred tooth at left of lower riblon, and there is a large blunt tooth under the snace between the S of CENTS and R shade-lines.

TYPE 73: (Size 5 on W. A. BL. BU.)
(a) The lobes at L end of lower ribbon are ncarly circular in form.
(b) The 7 of 1799 las a short upward spur at too.

TYPE 74: (Size 5 on W. A. BL. BU.)
(a) I of WASHINGTON is tall, as in Type 8.
(b) Inner frame line at L . of large numeral 2 in upper $L$ corner slants, not conforming to the curve of outer frame-line.

TYPE 75: (Cize 5 m W. A. RL. RU.)
(a) Lower lobe at $L$ end of lower riblon is large and horizoatal, while the upper one is very thin. and slants upward.
(b) The low r line of upper ribbon under TES of STATES is flattened, slanting downward to the R.

- (c) First fold of upper ribbon at $L$ is very small.

TYPE 76: (cize 1 on W : size 2 on W. A. BL. BU: Size 4 no W: Size 5 on W. A. BL. BU.)
(a) Bath T's in STATES are low down.
(b) The slade-lines at L end of loyer ribbon slant diagonally outward, into end line of ribbon.
(c) Both ends of upper ribbon slant downward,

TYPE 77: (eize 5 on W. A. BL, BU.)
(a) E of POSTAGE clase to inncr line of rib. bon, sometimes toucling it.
(b) A of STATES high and close to first $T$.
(c) There is a barbed tooth under the space between $O$ of TWO and the $C$ of CENTS.

TYPE 78: (Size 5 on W. A. BL. BU.)
(a) R half of L swallow-tail ends in a double point.
(b) Lower lobe at $I$ slants upward more than in any other variety with the exceptron of Type 24.
(c) First slade-line at L end of lower ribbon extents full width of ribhon.

TVPE 79: (cize 5 on W. A. Bi. BU.)
(a) I of WACHINGTON hish up.
(b) N of CENTS small and far from T: C lea ; back.
(c) Top of first $T$ of STATES heavy apppa. ently double.

TY'P 80: ("ize 5 on $\mathbb{W}$. A. Bi..)
(a) Lobes at $L$ end cf lower riblon are lat: and widely scparated.
(b) T of TWO is tall: : of 1799 high up.
(c) 3 of 1732 has a double lower curve.

TYPE 81: (Size 13 on W A. BL. BU.)
(a) Upper lobe at $L$ terminates in a semi-circn lar tail.
(b) Slade-lines at R end of lower ribbon are curved conforming to the rounded low ar ar. ner of of the ribbon.
(s) $W$ of TWO is tall.

JYPE 82: (bize 5 an W. A. BL. I?U.)
(a) Lower lobe at L is close to date $1 ; 32$.
(5) 1 and 2 of 1732 and 17 of 1799 are high uв.
(c) E and T of CENTS tall.

TYPE 83: (Size 5 on W. A. BL. BU.)
(a) E of UNITED has an upward spur from lower bar.
(b) Upper lohe at $I$. is large and terminates in a long line pointing diagonally to the $L$.

TYPE 84: (Size 3 on W. A. BL. BC.)
(a) There is a large double tooth below C of CENTS.
(b) I of UNITEI is paralt| with stem of 7 .

TYPE 85: (Size 5 on W. A. BL. BU.)
(a) There is a distituct branching of the inner frame line just above the large numeral 2 in upper R corner.
(b) 1 of 1799 high up; also $A$ of WASHIN TON.

TYPE 86: (Size 5 on W. A. BL. BU.)
(a) The lobes at L are small and round a al wide apart, the upper one leaning over ', the $L$ serrated border.
(b) R half of L swallow-tail has a split point.
(c) Final $N$ of WhstingToN is large.

TYPE 87: (Size 5 on W. A. BI. IiU.)
(a) There is a double tooth nute large numer 1 in upper 12 corner as in types 40 and ;
in) The 1 's of 1732 and 1799 are high up.
(c) Ciper lobe at $L$ end is large and round as in Type 21.

1 愔 88: (Size 5 on W. A. BI. BU.)
(a) 2 of 1732 leans back as in some former types.
(b) Joth Jabes at I slant sharply upwards.
(c) C of CENTS small and low down.
(T)E 89: (Size 5 on W. A. BL. BU.)
(a) Second $T$ of STATES has a double top bar.
(b) First shade-line at $L$ end of lower ribbon extends into upper line of ribbon.
(c) 1 of 1799 high and 9's small.

H'JE 90: (Size 5 on W. A. BL. BU.)
(a) $T$ of TWO tall and $W$ leans back: $A$ of STATES tall.
(b) CE of CENTS close, leaving wide space between E and N.
(c) Lower lobe at $R$ is extremely small.

TYPE 91: (Size 5 on W. A. LL. DU.)
(a) There is a long curved inner border line at left of large numeral 2 in $L$ corner.
(b) T of TWO is tall and $T$ of CENTS leaus towards S .

## TYPE 92: (Size 5 on W. A. BU.)

(a) Both lobes at $L$ are of good size; the lower one is nearly horizontal, while the uppor one is close down on it and slants upwards.
(b) R half of $L$ swallow-tail is broad clear to the end.

1'YPE 93: (Size 5 on W. A. BL. Bú.)
(a) Upper lobe at $L$ is nearly round and of good size.
(b) First $N$ of WASHINGTON is high up.
(c) Sharle lines at $L$ end of lower ribbon slant to the left.
"ห"।' 94: (Size 13 on W. A. BI. BU.)
(a) TE of UNITED are close: TA of STATES are close: TW of TWO close.
ib) II of WASHINGTON is larger than other letters.
c) The shade-lines at $I$. end of lower ribbon are long, vertical and close together.

T' le 95: (Size 5 on W. A. IBL. BU.)
12) $R$ half of $R$ swallowtail terminates in a long straiglit tip, pointing directly downward.
(b) L end of lower ribbon and the shade-lines at that end all slant to the left.
(c) Lower tobe at $R$ is ligh above ribbon.

TYPE 96: (Size 5 on W. A. BL, BU:)
(a) In additiona! tooth has been cut in $L$ bor. der above base of large numeral 2. Also the base of the I. numeral 2 thi kens ab. ruptly just before juining the down stroke.
(b) The R half oi R swallow-tail ends in a hook as in Type $3 \overline{5}$.

TYPE 97: (Size 5 on W. A. BL. HU.)
(a) CE of CENTS are low.
(b) Upper lobe at $L$ is small and has a long curved ending.
(c) Shade lines at both ends of lower ribbon are close together and vertical.

TYPE 98: (Size 5 on W. A. BL. BU.)
(a) $R$ half of $L$ swallow-tail is broad with very little curvature opposite chin of bust.
(b) W of TWO is low, touching lower line of ribbon.
(c) Lower lobe at $L$ is large and horizontal while lower one at $R$ is thinner and raised well above end of ribbon.

TYl'E 99: (Size 13 on W. A. BL. BU.)
(a) The lower lobe at $K$ is small and close down on end of ribbon; while upper lobe is larger and at some distance above it, with a long curved stem connceting it with the lower lobe.
(b) The 7 of 1732 is high and the 3 is so nearly closed as to resemble an 8.

TYl'E 100: (Size 13 on W. A. BL. BU.)
(a) The lower line of lower ribbon is heavy, beginning at $L$ end and changing abruptly into a thinner line under the $W$ of $T W O$.
(b) The $W$ and $O$ of TWO both lean back to the left.
(c) The shadr-lines at I, end of lower ribbon are nearly the full width of ribbon.

TYPF 101: (Gize 5 on W. A. BL. BU.) Also on 1गHILIPTINES: Sive 5 on W.
(a) The 3 d and t th tecth down at L opposite UN are arrow-heated.
(b) There is a long hair-line under W of rwVO bran hiing from the lower line of ribbon and running marallel to it.

TYPE 102: (Size 1 o: W: Size 3 o, W. A. PL. HU. Siz= 5 onl W. A. Hi. lili. i: 7 on W. . 1. lil. BU. Size 8 o.i W. I. . jec 11 on
W. Size 13 on W. A. BL. BU. Size 14 on W. A. BJ. and WR.) Also on PIILLIP PINES: Size 7 on BU.
(a) Differs from the original die in having most of the lines engraved more strongly; identified by the numerous shade-lines in both swallow tails where originals barely show 2 or 3 at most. Also shade-lines at both ends of lower ribbon have the outer two long. extending fuil across ribbon; those on originals are shorter.
(b) The lower lobe at $L$ is closed while on orizinal die it is almost always open.

Note.-This die was the bandiwork of Mr. Henry Mitchell, the engraver of the original, some of the worn dies laving been returned to him for recutting following his protests on the numerous vari ties produced by the contractors engravers. This fact accounts for the similarity to the original of this die, the strengthening of the lines having evidently been intentional to improve the appearance and give impressions less liable to show wear and tear as the originals had owing to their finely cut lines.

There are several varjeties of Type 102 , viz.: 102A: (Size 5 on W. A.)

Upper ribbon distinctly broken under E of United.

102B: (Size 8 on W.)
ST of POSTAGE very close: large tooth under $O$ of TWO.

102C: (Size 5 on W.)
No cross bar to A of POSTAGE.

TYPE 103: (\$ize 13 on W. A. BL. BU.)
(a) The upper lobe at $R$ end of lower ribbon is large and round; with spur, crossing stem.
(b) The inter border line at $L$ of $L$ numeral 2 is divided into hair-lines.
(c) Fragments of the old teeth show plainly be. tween the new ones above the word states.

TYIPE 104: (Size 13 on W. A. BL. BU.)
(a) EN of CENTS high up; TATE of STATES low.
(b) R end of upper tibbon slants sharply downward to the left.
(c) H of wASHINGTON is high.

TYPE 105: (Size 5 on W. A. BL. BU.)
(a) TA of STATES are clese and second $T$ tins back.
(b) $W$ of TWO low and $C$ of CENTS closed ly a hair line as in Type 4.
(c) Botly lobes at L are round, but the upp: one is the larger.

TYPE 106: (Eize 5 on W. A. BL. BU.)
(a) C of CENTS tall and leans back; N smatl.
(b) T of TWO is tall.
(c) 1 of 1732 is low, and 7 and 3 are close.

TYYE 107: (Size 13 on W. A. BL. BU.)
(a) Lower lobe at $R$ is large and slants slightly upwards.
(b) H of WASHINGTON is large.
(c) E of CENTS leans sharply towards the N.

TY1PE 108: (Size 2 on $W$ : Size 5 on W. A. BL. I3U.)
(a) The shade-lines at $L$ end of lower ribboll are long and lean to the left.
(b) I of WASIIINGTON is tatl as in Type 8. and the II is high.
(c) 7 of 1732 is high up and close to the 3 .
(d) T of TWO leans sharply towards the W.

TYPE 109: (Size 5 on W. A. BU.)
(a) Three very long shade-lines at $L$ end of lower ribbon.
(b) T of TWO low down and $W$ tall.
(c) Second T of STATES leans back towards A.

TYPE 110: (Size 5 on W. A. BL. BU.)
(a) The 7 and 2 of 1732 are high.
(b) CE of CFNTS are low: $S$ has a double lined top.
(c) T of TWO tall and vertical.

TYPE 111: (Size 5 on W. A. BL. BU.)
(a) Jetters in STATES are very irregular: $\mathbb{F}$. has a spur on lower line.
(b) Both halves of $R$ swallow-tail are heavicr than the halves of $L$ swallow-tail.
(c) G of WASHINGTON is high.

TYIPE 112: (Size 4 on W. A: Size 11 on $W$ Eize 14 on W.)
(a) This varicty has an extra tooth cut at I of $L$ numeral 2 as on Type 96: also sex eral additional embryctic teeth above thi numeral.
(b) These is a double tooth at $R$ of $T$ numeral 2. Nots that this variety is no found on Sice 5, which is the only sif. Type 96 occurs on.


TY|P 113: (Size 9 on W. A.)
(a) The $R$ side of $R$ half of $[$. swallow-tail is composed of two lines erossing each other.
(b) The $R$ half of $R$ swallow-tail has an additional curved line extending up through the slade-lines.
(c) Shade-lines at both ends of lower ribbon are very fine.

TYPE 114: (Size 13 on W. A. BL. BU.)
(a) There is an extra tooth eut in $L$ border opposite the I of UNITED.
(b) The lobes at $L$ are large and round and close together.
(c) N of CENTS is low.

TYPE 115: (Size 8 on W. A.)
(a) A fine horizontal line crosses from $L$ through $U$ of UNITED and reverse folds of ribbon, finally meeting nose of bust.
(b) A high in WASHINGTON.

TYPE 116: (Size 13 on W. A. BL. BU.)
(a) $U$ of UNITED very large, extending full width of ribbon.
(b) TWO low down.
(c) Third shade-line at $L$ end of tower ribbon is short and close down at bottom of ribbon.

TVIPE 117: (Size 5 on W. A. BL.)
(a) N of CENTS nearly full width of ribbon.
(b) L end of upper ribbon is straight, siants upwards, and forms a sharp outer angle with outside line of ribbon.
(c) Second $T$ of STATES leans back sharply.

TYPE 118: (Size 5 on W. A. BL. BU.)
(a) Double tooth over $R$ numeral 2 as in Types 40, 74, 87.
(b) 2 of 1732 tips back as in Types 46 and 66.
(c) CE of CENTS Low as in Types 47, 61, 88 and 97 .

TYPE 119: (Size 5 on W. A. BL. BU.)
(a) There is a double tooth over first $S$ of STATES.
(I) $W$ of TWO tins back towards the T.
(c) Lower lobe at $L$ slants sharply upwards.
(d) Roth lobes at $R$ are horizontal and wide apart.

TYPE 120: (Size 9 on W. A.)
(a) I of WASHINGTON leans sharply towards the N .
(b) 7 of 1799 is tall and thin and high up.
(c) Two shade-lines at $L$ end of lower rib. bon are long and thin, touching upper line of ribbon.

TYPE 121: (Size 7 on W. A. BL. BU; also on PHILIPIINES: (Size 7 on BU.)
(a) Lower lobe at $R$ is large and slants slightly upwards.
(b) There is a spur on lower line of lower ribbon under O of TWO.
(c) The cross stroke of large numeral at $L$ is more nearly horizontal than in other cases.

TYPE 122: (Size 5 on W. A. BL. BU.)
(a) The outer border line at ${ }^{*} R$ of $R$ large numeral 2 is very heavy.
(b) G of POSTAGE has no cross-bar.
(c) Lower left corner of lower ribbon is sharp and ribbon has a concave end at $L$.

TYPE 123: (Size 13 on W. A. BL. BU.)
(a) Both halves of $L$ swallow-tail are slender.
(b) Lower lobe at $L$ is large and round.
(c) Lower lobe at $\mathbf{R}$ is blurred in appearance.

TYPE 124: (Size 3 on W. A. BL. BU.)
(a) W of TWO is tall, being nearly full width of ribbon.
(b) 7 of 1799 is tall.
(c) Two shade-lines at $R$ end of lower ribbon extend down into lower line of ribbon.

TYPE 125: (Size 5 on W. A. BL. BU.)
(a) The first tooth down at $L$ is long, curved, and double pointed.
(b) CE of CENTS close together and leaning forward.
(c) There is a cap on upper line of lower ribbon directly over $T$ of TWO.
SUIB-VARIETY:
125A: (Size 5 on W. A. BL.)
(a) The two lower shadelines in reverse fold of upper ribbon at $R$ of UNITED extend across the second fold. Usually there is no color in the end of the reverse fotd.

TYPE 126: (Size 2 on $W$ : Size 5 on $W$. A. BL. BU.)
(a) There is a spur over first tooth from $L$ in upper border.
(b) $S$ of CENTS has the double lined top found on Type 110.
(c) E of STATES is high and close to second $T$.

TYPE 127: (Size 13 on W. A. BL. BU.)
(a) $H$ of WASHINGTON is large.
(b) $R$ half of $R$ swallow-tail is longer and broader than $L$ half.
(c) There is a curved hook terminating $R$ lialf of L swallow-tail.

TYPE 128: (Size 13 on W. A. BL. BU.)
(a) Upper lobe at R is larze and nearly vertical.
(b) L half of $L$ swallow-tail is thin.
(c) There is a spur over $R$ large numeral in front of first tooth from $R$.

TYPE 129: (Size 13 on W. A. BL. BU.)
(a) The entire word STATES is low down in ribbon.
(b) Both lobes at $L$ end of lower ribbon slant sharply upward.
(c) The second or reverse fold of upper ribbon is wide opposite $E$ of POSTAGE.

TYPE 130: (Size 5 on W. A. BL. BU.)
(a) $R$ swallow-tail and reverse fold are not shaded.
(b) G of WASHINGTON is high.
(c) $R$ end of lower ribbon is vertical with shade-lines close together.

TYPE 131: (Size 5 on W. A.)
(a) There are only two shade-lines in $L$ end of lower ribbon.
(b) $G$ of POSTAGE high up, touching top of ribbon.
(c) First $S$ of STATES is by itself, and about half way between $D$ of UN1TED and $T$ of STATES.
(d) E of CENTS low.

TYPE 132: (Size 5 on W. A. BL. BU.)
(a) A of WASHINGTON high up as in TYPE 72.
(b) Roth 7 's in clates are tall.
(c) Reverse folds at both ends of upper tibbon ate very small.

TYPF 133: (Size 5011 W. A. BL. BU,)
This is a "Second Retourh." or Type 69 recut (a) AG of l'Ostage joined.
(b) Lobes at $L$ end of lower ribbon, and $1=$ verse follds and swallon-tails of upper $1 \because \because$ bon are identical with those seen oft Type 69.
(c) The shade-lines in swallow tails have been rerut however, and show the characteri-sic "through lines" of all the second retoncles.

TYPE 134: (Size 8 on W. A.)
(a) O of TWO low and $C$ and $N$ of CENi's high.
(b) E of STATES leans back towards the $T_{\text {. }}$
(c) Spur on lower frame line under $O$ of TWO.

TYPE 135: (Size 5 on W. A. BL. BU.)
(a) Shade-lines at $L$ end of lower ribbon far from end of ribbon.
(b) But two shade-lines at $R$ end of lower ribbon.
(c) C of CENTS leans backwards.

TYPE 136: (Size 13 on W. A. BL.)
(a) $\mathbf{C}$ of CENTS high up, and N tall.
(b) O of POSTAGE low down.
(c) The new upper shade-line across $R$ swallow. tail is slightly curved.

TYPE 137: (Size 13 on W. A. BL. BU.).
(a) Lem of U of UNITED extends into outer line of ribbon.
(b) 32 of 1732 are high up.
(c) W of TWO tall.

TYPE 138: (Size 13 on W. A.)
(a) E of STATES high up.
(b) L corner of upper ribbon is sharp.
(c) C of CENTS leans backwards.
(d) All three shade-lines in ends of lower ribboñ are long.

TYPE 139: (Size 13 on W. BL.)
(a) The remains of old end lines of urper ribbon are plainly seen just inside the new end lines.
(b) Slade-lines at $L$ end of lower ribbon are close to end of ribbon.
(c) N of UNITED is tall.

TYPF 140: (Size 9 on W. A.)
(a) There are but two shade-lines in ends of lower ribbon, the second one at $L$ ad rxtending down into lower line.
(b) PO of POST.\GE touch.
(c) W of TWO high up.

- MPE 1A1: (Formerly known as "Re-engraved Type": Size 5 on W. A. BL.)
(a) O of TWO and C of CENTS round
(b) All ins riptions are in broader lettering, WASHINGTON being especially noticcable.
(c) 2 of 1732 has a long base.
(d) 9's of 1 :99 have large round heads. UB-VARIETY:

TY'在 141A: (Formerly "Re-engraved A." Size 5 on W. BL.)
(a) A of WASHINGTON without cross-bar as in Type 36A.

IY'le 142: (Formerly known as 2A: Size 5 on W. A: Size 8 on W. A.)
(a) In addition to having long-stemmed $\mathrm{A}^{\prime}$, as in Type 2, the stem of $P$ of POSTAGE extends down into lower line of ribbon.
(b) R half of R swallow-tail is broader and heavier than $I$ half.
(c) Three teeth at L of UN of UNITED touch line of ribbon.

TYPE 143: (Formerly known as 6A: Size 5 on W. A. BL. BU.)
(a) $L$ swallow-tails have no shade-lines in them.
(b) The second fold of upper ribbon at L of $E$ of POSTAGE is very narrow.
(c) $O$ of TWO and $C$ of CENTS are broader than in most types, but not as round as in Type 141.

With the above 143 varieties the number o: varicties known to have been issucd is complete. It is possible that others may $h$ ve been printed and have been used but at slout time, although with the careful sear-h for these varieties by enthusiasts for the po it cight years it is hardly probable they chald have beell overlooked, or escaped no lice up to the present time.
Of the known 143 varieties, some of the 1 r $r$ ones have certain peculiarities which sl w that they were retouches of earlier krown types, thus constitutiug "Second Reton ches." These second retouches are Tives $109,116,117,124.131 .133,134,135$. 13) 137, 188, 139. 140, thirteen in all. As an example compare Type 133 with the
earlier Type 69, when the points of similarity will be seen at once.
In the effects of the late Mr . Mitchel!. engraver of the original dies, were found several sheets of paper bearing from five to six proof impressions each in color of some of the dies already known by collectors. Among them were the following types, and the corresponding number of the die as known by the Govermont was marked on the papers:

Type 124 (Government die number 12).
Type 135 (Government die number 119).
Type 136 (Government die number 139).
Typ: 138 (Government die number 120).
Fout of them, however, had never been seen beforc, but were easily identified as follows:
TYPF 18 was recut a second time (Government die No. 24). Its principal differences from Type 18 were:
(a) In the L swallow-tails;
(b) In upper lobe at $I$ end of lower ribbon;
(c) In lettering and shade-lines in lower rib bon, of which $W$ of TWO and $N$ of CENTS were very tall:
(d) E of STATES above $T$.

Its points of similarity to Type 18 were:
(a) ING of WASUINGTON an level;
(b) I's righ in dates;
(c) The peculiar shape of $R$ swallow-tail remains the same but has been reshaded;
(d) Both lobes at $R$ and lower lobe at $L$ are the same as before.

TYPE 66 was recut (Government die No. 56). Differences from Type 66:
(a) Lettering in both labels strengthened, N of UNITED, $W$ of TWO and $N$ of CENTS being parti'ularly noticeable;
(b) Both dates recut; final 9 in 1799 showing double;
(c) New shade-lines in swallow-tails and at ends of lower ribbon;
(d) L lobes elanged.

Points of similarity to Type 66:
(a) Conformation of end of riblon at I., and of both swallow-tails as before; also reverse folds of ribhon.
(b) Left end of lower ribbon has the outward slant peculiar to Type 66.

TYPE 73 was recut (Government dic No. 95). Differences from Type 73:
(a) Inscriptions in both ribbons changed, resulting in taller lettering, $N$ of CENTS being most noticeable;
(b) Slade-lines in both swallow-tails and at ends of lower ribbons tecut, althougl contour of swallow-tails and shape and position of lobes remain practically as before.
Points of similarity to Type 73:
(a) Spur on top of 7 of $17 \% 9$;
(b) Spurred tooth under C of CENTS.

TYPE 80 was recut (Government die No. 107). Differences from Type 80:
(a) Both swallow-tails with reshading:
(b) UN of UNITED enlarged;
(c) A serif added to 1 of 1799.

Points of similarity to Type 80 :
(a) Peculiar tall formation of lobes at L remains
(b) Shade-lines at both ends of lower ribbon same as before;
(c) The H high in WASHINGTON.

All of these proofs bore marks in pencif calling attention to the most glaring irregularities, showing that they had been strucl: off from dies either in use or about to be used, and sent to Mr. Mitchell for criticism. As will be seen above, four of the eight varicties were identified at once as having been issucd, i.e., Types 124, 135, 136 and 138. Is it not possible that the othe four as described above were also used, but have escaped discovery by collectors even to the present day?

Or perchance may be lying in some reserve stock in a large city postoffice or itt an obscure crossroads office laid aside andi forgotten on the receipt of the succeeding new series of 1907?

From time to time I hear of collectors having specimens which they are unable to identify as any of the existing known types. With this later information at hand, some of these unknowns may be found to be the same as these proofs thus adding another variety to the already long list, so that now, eight years after their issue, the incentive to discover and collect these interesting varities is as keen as ever.


