J. B. RUFFALO.

TYPE HOLDER.

APPLICATION FILED FEB. 5, 1921.

1,403,447.

Patented Jan. 10, 1922.

2 SHEETS—SHEET 1.

Fig. 1.

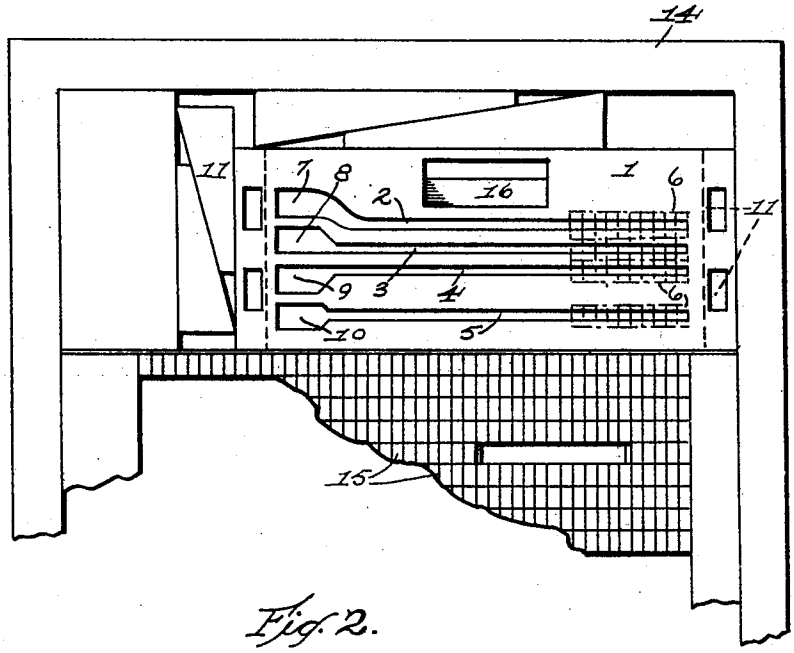


Fig. 2.

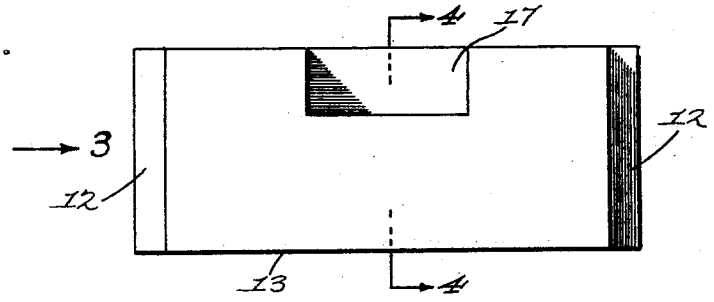


Fig. 3.

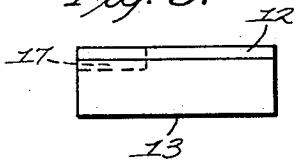
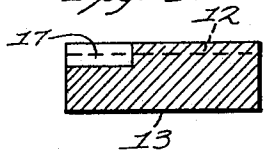


Fig. 4.



Inventor

James B. Ruffalo

By Patrick J. Rooney

Attorney

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2 SHEETS—SHEET 2.

Fig. 5.

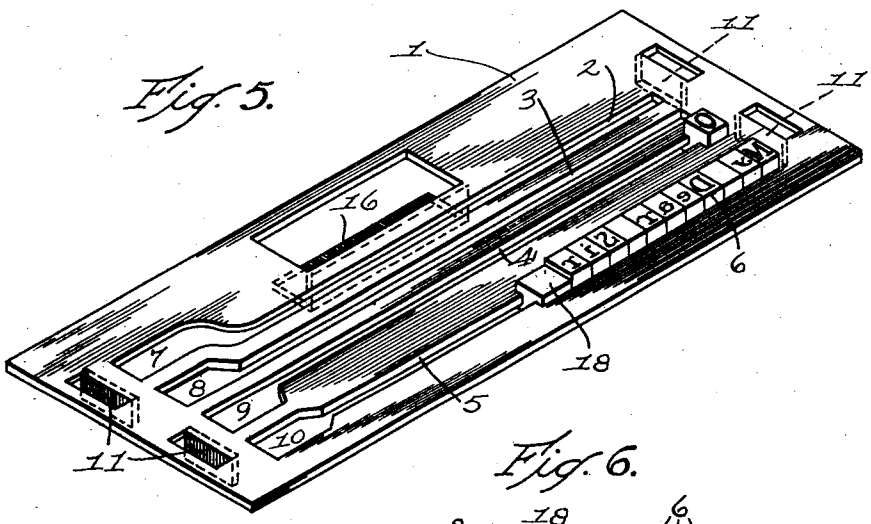


Fig. 6.

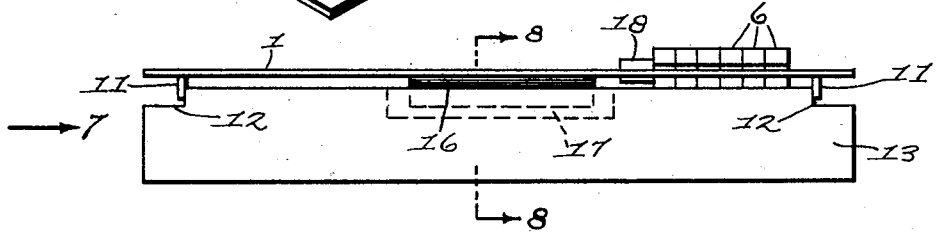


Fig. 7.

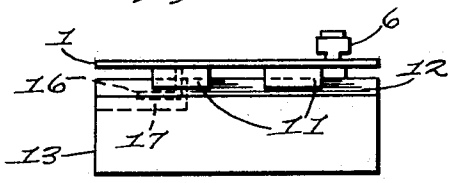
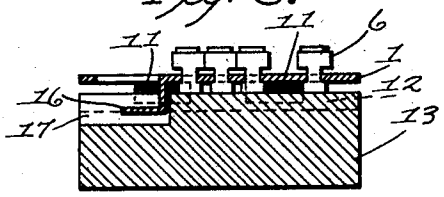


Fig. 8.



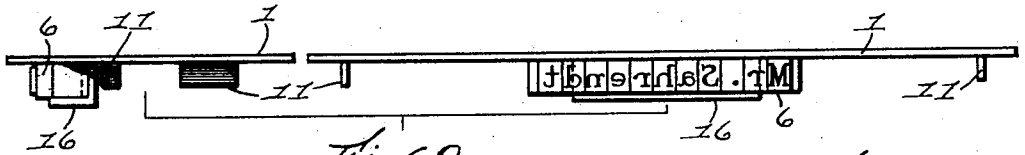


Fig. 9.

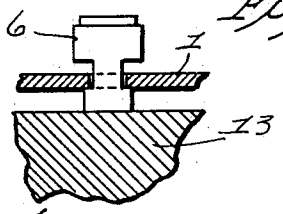


Fig. 10.

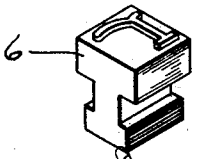


Fig. 11.

Inventor

Patrick J. Rooney

By Attorney

UNITED STATES PATENT OFFICE.

JOHN B. RUFFALO, OF NEW YORK, N. Y.

TYPE HOLDER.

1,403,447. Specification of Letters Patent. Patented Jan. 10, 1922.

Application filed February 5, 1921. Serial No. 442,865.

To all whom it may concern:

Be it known that I, JOHN B. RUFFALO, a citizen of the United States, and resident of the borough of Manhattan, city of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Type Holders, of which the following is a specification, reference being had to the accompanying drawings.

The objects of my invention are, first, to provide a type-holder, for printing names and addresses on otherwise mechanically printed form letters and circulars, embodying single spaced intervals between the lines containing the names and addresses of such typeholder so as to permit of a closer imitation of individually typewritten letters than is possible with existing forms of typeholders whose construction makes it impossible to use single spacing between the lines of the name and address; second, to provide a device with such single spacing in which metal monotype may be readily and easily inserted and assembled; third, to provide such a typeholder adapted to easy insertion in a chase containing type matter with suitable furniture for printing the body of form letters and circulars; fourth, to provide a typeholder embodying such single spacing and of inexpensive construction; fifth, to provide such a typeholder adapted to convenient filing in a small space when not in use; and sixth, to provide in such a typeholder as an integral part thereof, a receptacle for a separate set of type to be used in other blank spaces in the form letter.

My typeholder is adapted to use in a printing or addressing machine, either through a ribbon or otherwise and enables the production by one imprint of a form letter or circular, the body of which is mechanically printed while the name, address and salutation are printed by the type contained in my typeholder with the spacing as aforesaid in close imitation of typewritten matter. My device as illustrated in the accompanying drawings attains my above-mentioned objects and provides three slots therein with single spaces between them, one such slot each for the name, the street address, and the city address and with one slot for the type containing the salutation which is at a double space from the three preceding slots.

Figure 1 is a top or plan view of the chase including the type matter, type furniture, my typeholder in its appropriate place in the chase, and also a blank space in the type matter for the additional insert which is adapted to be held in the receptacle forming an integral part of my typeholder; Fig. 2 is a plan view of the furniture for my typeholder; Fig. 3 is an end view of Fig. 2; Fig. 4 is a section taken on the line marked 4—4 in Fig. 2; Fig. 5 is a perspective view of my typeholder showing type partially set; Fig. 6 is an end view showing my typeholder and the furniture therefor with type partially set; Fig. 7 is an end view of Fig. 6; Fig. 8 is a section taken on the line marked 8—8 of Fig. 6; Fig. 9 is a top plan view of my typeholder resting upright on one of its sides in position for filing, illustrating the accompanying insert set in the receptacle formed integral in my typeholder, all in position to be filed therewith; Fig. 10 is a broken section of my typeholder and its furniture, also of a monotype inserted in one of the slots of my typeholder; Fig. 11 is a perspective view of a monotype suitable for use in my typeholder.

Referring to the parts by reference numerals, 1 represents a typeholder consisting of a flat plate with suitable slots, 2, 3, 4 and 5, for carrying monotype 6 of the shape illustrated. These slots run parallel to each other beginning at points in the same transverse line at the right hand side of the plate and continue to run in such parallel lines to points near the left hand side of the plate where they are enlarged and diverge from each other, such divergences being in a direction away from the nearest adjoining slot. These enlargements as to the slots which are single spaced, viz. 7, 8 and 9 are projected in a direction away from the next adjoining slot in such manner that, as illustrated, ample space is provided for the insertion of type into the slots, while at the same time a sufficient amount of metal is left uncut between the slots and the enlargements to give the necessary strength to the plate. The enlargement 10 of the remaining slot 5 is of the well-known existing type now in common use in which the enlargement projects evenly on both sides of the slot instead of upon one side only as in my new invention, and may be utilized in my typeholder because of the existence of a double space between slot 5 and its adjacent slot 4. It is obvious from the drawings

that the monotype illustrated is as to its head and base, wider than the width of the slots which correspond in size only to the thickness of the neck of the type and that therefore a means has to be provided for permitting the insertion of the type through the body of the plate until the neck of the type comes into juxtaposition with the slots in order that the type may be slid thereinto and assembled for printing. Now I have discovered a means of making these enlargements without cutting into the space between the slots and I am thereby enabled to use slots with single spacing between them which has not been hitherto possible with existing typeholders which latter cannot therefore give such a close facsimile of typewritten matter as can my typeholder with its type single spaced for the name and address and double spaced for the salutation. It will be observed that I depart from the conventional method of enlarging this opening to an equal width on both sides of the slot and I enlarge these slots entirely in a direction away from the next adjacent slot which type of plate holder functions perfectly with the monotype illustrated, the base of which may be easily inserted in the slots and when the neck of the type is engaged in the slots, the type may be slid to the right and assembled in place for printing. Flanges 11 are punched out of the metal of the plate forming the holder near both ends thereof and bent downward so as to project in the manner illustrated and are adapted to engage in suitable recesses 12 in a block of wood or furniture 13 which is wedged in place in the chase at a point appropriate for the name, address and salutation to be used in connection with the setup type 15 of the printed form letter or circular.

I also provide, by punching out another strip of metal in the typeholder at the upper central portion thereof and bending back the flange which is punched out as to three of its sides only, and then bending up one-half of the flange thus punched out, in a transverse direction parallel to the surface of the plate holder, a small receptacle or cabinet 16 which is adapted to hold for filing purposes an extra set of type contained in an appropriate casing which may be used for insertion in the blank space in the body of the typewritten form along with the particular name and address in the typeholder which it accompanies. This receptacle on the back of the holder has no relation to the printing operation thereof but is provided merely for convenience in filing and the wood block or type furniture 13 upon which the typeholder rests, must be provided with an additional recess 17 to contain the punched-out receptacle above mentioned, while allowing the typeholder to rest upon the surface of the wood block in proper position for printing.

My typeholder is adapted to the use of metal monotype of the character illustrated, but wood, rubber or other kinds of type may be used.

Spring clips or rubber plugs 18 may be used to hold the type firmly in place after it is assembled in the typeholder.

My typeholder may be inexpensively made by stamping it from a sheet of metal.

I am aware that prior to my invention, typeholders and address plates have been made with slots for type and enlargements at the ends of said slots. I therefore do not claim such a combination broadly, but

I claim:

1. A typeholder plate formed from a single sheet of metal and embodying a plurality of slots therethrough with one end of each of said slots enlarged in a direction entirely away from the next adjoining slot substantially as described.

2. A typeholder embodying a plurality of parallel slots for monotype with the outer ends of each of said slots in vertical alignment with the outer ends of the other slots and with an enlargement at one end of each slot of a size adapted to permit the insertion therethrough of the base of a monotype and the assembling therewith of other monotype similarly inserted in the therewith connected slot, such enlargements extending in the surface of said typeholder in a direction entirely away from the next single spaced adjoining slot.

3. In a typeholder an enlargement for inserting type into therewith connected slots, such enlargement as to three of its sides being rectangular in form, one of such sides being an extension of one side of the thereinto merging slot and no part of said enlargement being nearer to the next adjacent slot than its said last mentioned side.

4. A typeholder embodying three slots for type at single space from each other corresponding to single space typewriting and with enlargements, for inserting type in each of such slots, extending entirely in a direction away from the next adjoining slot so that a strip of metal corresponding to said single type space is left undiminished between all parts of said slots, including their respective enlargements whereby provision for the insertion of the type is made without weakening the typeholder all substantially as illustrated.

Signed at borough of Manhattan, city of New York, in the county of New York and State of New York, this 22 day of January, A. D. 1921.

JOHN B. RUFFALO.

Witnesses:

WALTER LAIER,

JOHN E. GLEASON.