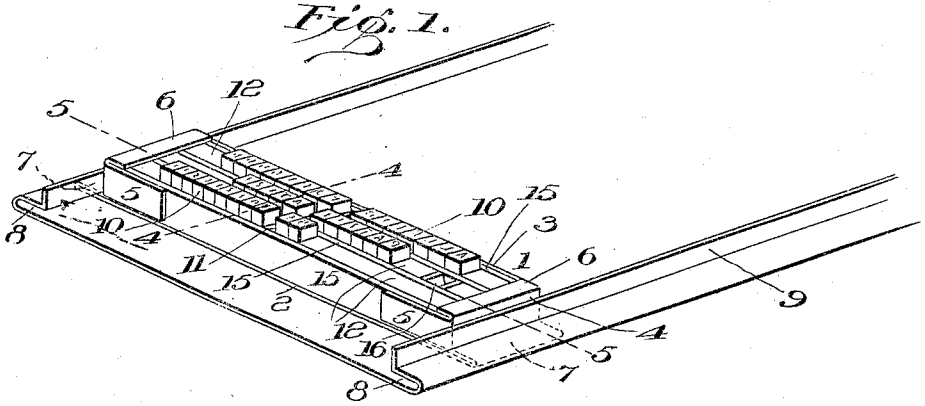
No. 893,861. PATENTED JULY 21, 1908.

B. E. McSHEEHY.

UNIT FORM HOLDER.

APPLICATION FILED APR. 20, 1906.

Fig. 1.



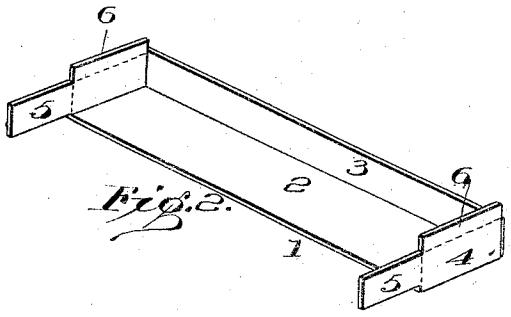


Fig. 2.

Fig. 3.

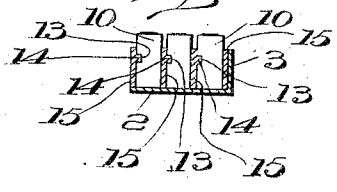


Fig. 4.

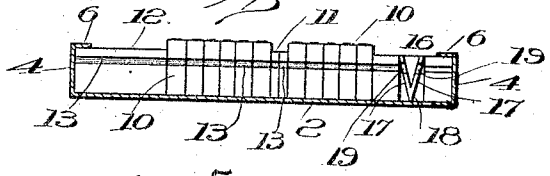
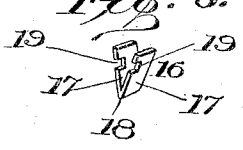


Fig. 5.



WITNESSES

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UNITED STATES PATENT OFFICE.

BARTHOLOMEW E. McSHEEHY, OF JERSEY CITY, NEW JERSEY, ASSIGNOR TO STEPHEN T. WILLIAMS & STAFF, LIMITED, OF BOSTON, MASSACHUSETTS, A COPARTNERSHIP COMPRISED OF STEPHEN T. WILLIAMS AND BARTHOLOMEW E. McSHEEHY.

UNIT FORM-HOLDER.

No. 893,861. Specification of Letters Patent. Patented July 21, 1908.

Application filed April 20, 1906. Serial No. 312,774.

To all whom it may concern:

Be it known that I, BARTHOLOMEW E. McSHEEHY, a citizen of the United States, residing at Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Unit Form-Holders, of which the following is a specification.

My invention relates to form holders adapted to hold type set up ready for printing, each form holder constituting a separate unit adapted to use in addressing or similar machines, or wherever it is desirable to have words or phrases held together as a unit for printing purposes.

My invention provides a simple and inexpensive form holder adapted to retain the separate pieces of type in locked position. It is also so constructed that changes in wording or lettering may readily be made when desired.

My unit form holders are adapted to printing addresses, dividend or pay-roll checks, bills and the like, or in larger sizes for longer documents as, for instance, circular letters.

In the drawings, Figure 1 is a perspective view of a form holder in position in a frame or track adapted to hold and feed such unit form holders for the purpose of printing. Fig. 2 is a perspective view of the frame of a form holder open for the reception of type and without the lower flanges for retaining it upon a track. Fig. 3 is a sectional view on the line 4—4 of Fig. 1 showing the type, line-spacing leads and locking devices. Fig. 4 is a sectional view on the line 5—5 of Fig. 1 showing the type, quads and reglets in position and the tightening device therefor. Fig. 5 is a perspective view of the integral spring tightening device.

Referring to the drawings, 1 is the unit form holder, having a bottom 2, side 3, ends 4, releasable side strips 5 and the top releasable strips 6. From the ends of the form holder 1 (Fig. 1), extend the flanges 7 adapted to slide in and be retained by the grooves 8 in the track or holder 9.

10 are the separate pieces of type, while 11 are the spacing quads and 12 the reglets. The types 10, quads 11 and reglets 12 are provided with side horizontal grooves or notches 13, adapted to be engaged by the horizontal ribs 14 which extend from the line, spacing leads 15 (Fig. 4).

16 (Figs. 4 and 5), is the spring tightening device formed with two sides or wings 17, which extend from its apex 18 and have the side notches or grooves 19.

The frame of my form holder 1 is preferably made from an integral sheet of tin bent into the box-like shape illustrated in Fig. 2. The metal of which the frame is made should be capable of bending many times without breaking at the bending lines. To set up the type in the form holder in the first instance, the sides 3 and ends 4 should be in position indicated in Fig. 2, and they remain in that position during the use of the form holder even when changes are being made in the arrangement of the lettering. The top pieces 6 and side strips 5 are left in straight, extended position as also illustrated in Fig. 2, to facilitate the setting of the type. When the type 10, quads 11 and reglets 12 are placed in position with the spacing leads 15, they are held together, locked by the engagement of ribs 14 on the spacing leads 15 in grooves 13 in the type, quads and reglets. The spring pieces 16 serve to crowd the separate pieces of type, etc., together and prevent their working loose. The notches 19 are wider than ribs 14, so as to permit the wings 17 to spread. In placing the type, of course, the lines are set in order, beginning with the line next to the side 3. When the type and spacing pieces are all in position, the top strips 6 and side retaining strips 5 are bent downward and inward to the position shown in Fig. 1 to retain the contents of the holder locked in position.

The flanges 7 extending from the bottom of the frame, may be made integral with the rest of the frame, as indicated in Fig. 1, and they are adapted to fit into the grooves 8 of the track 9 so that the unit frame holders may be held upon said track and fed in order to the printing device by gravity or any appropriate feeding means.

To change the arrangement of the type in any unit form holder, the releasable side strips 5 and the top releasable strips 6 are bent outward to the position shown in Fig. 2 to give ready access to the contents.

What I claim as new and desire to secure by Letters Patent is:

1. A form holder made from an integral piece of metal having sides, a bottom, ends and top strips, a side strip and a top strip

being adapted to be shifted from open to closed position to release or retain the type and vice versa.

2. A form holder made from an integral piece of metal having a bottom, ends and top strips, a top strip being adapted to be shifted from open to closed position to release or retain the type, and vice versa.

3. A form holder made from an integral piece of metal having sides, a bottom, ends and top strips, a side strip and top strip being adapted to be shifted from open to closed position to release or retain the type and vice versa, and an outwardly extending flange adapted to engage a holder or track.

4. A form holder made from an integral piece of metal having a bottom, ends and top strips, a top strip being adapted to be shifted from open to closed position to release or retain the type and vice versa, and an outwardly extending flange adapted to engage a holder or track.

Signed at Jersey City in the county of Hudson and State of New Jersey this 19th day of April A. D. 1906.

BARTHOLOMEW E. McSHEEHY.

Witnesses:
GEORGE S. EDWARDS,
J. R. MERRICK.