

G. E. WARREN.
Stencil-Plates.

Patented Feb. 9, 1875.

No. 159,725.

Fig. 1.

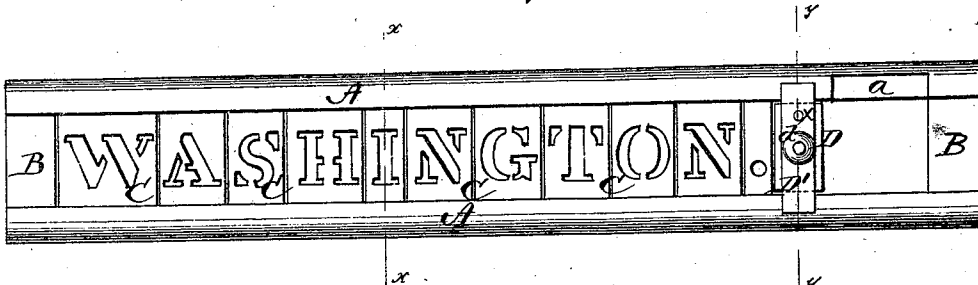


Fig. 2.

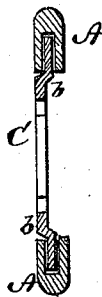


Fig. 3.

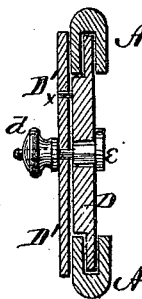
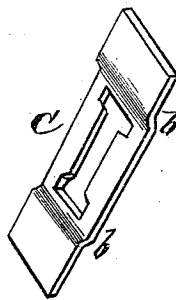


Fig. 4.



WITNESSES:

P. C. Dieterid.
W. H. Arthur.

INVENTOR,

Geo E Warren

per J. H. Alexander
ATTORNEY.

UNITED STATES PATENT OFFICE.

GEORGE E. WARREN, OF WOLCOTT, VERMONT.

IMPROVEMENT IN STENCIL-PLATES.

Specification forming part of Letters Patent No. **159,725**, dated February 9, 1875; application filed July 27, 1874.

To all whom it may concern:

Be it known that I, GEORGE E. WARREN, of Wolcott, in the county of Lamoille and State of Vermont, have invented certain new and useful Improvements in Stencil Plates; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

The nature of my invention consists in the construction and arrangement of a frame or holder, letters to fit therein, and a clamp for holding the letters in the frame, the whole forming a combination stencil-plate for marking boxes or other packages, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a front view of my combination stencil-plate. Fig. 2 is a cross-section of the same through the line *x x*, Fig. 1. Fig. 3 is a similar section through the line *y y*, Fig. 1; and Fig. 4 is a perspective view of one of the letters.

The frame or holder is composed of two parallel bars, *A A*, of any desired length, connected at their ends by means of cross-bars *B B*. The bars *A A* may be made of sheet metal doubled, or of other suitable material, only so as to form a longitudinal groove in the inner edge of each bar. In these grooves are inserted plates *C C*, which have various letters stamped or cut out, as shown, or in any other suitable manner. At one end one of the bars

is cut out in its upper side to form an opening, *a*, into the groove therein for the insertion of the plates *C*. These plates are stamped as shown in Figs. 2 and 4, forming shoulders *b b*, so that the body of the plate will be flush or even with the lower surface of the holder, while the ends are in the grooves on the bars *A A*. The plates *C C* are held in the holder *A B* by means of a clamp formed of two plates, *D* and *D'*. The ends of the plate *D* are formed with tenons, as shown in Fig. 3, to enter the grooved bars *A A*, while the plate *D'* is on the top of the holder, and the two fastened together by means of a bolt, *e*, and set-nut *d*. This clamp can be easily loosened and moved to the opening *a*, and removed for taking out and putting in the letter-plates *C C*. A pin, *f*, is made fast in one part of the clamp, and enters a hole in the other part for keeping them in place.

The design is to have as many alphabets as may be required, so as to make any name needed.

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

The combination of the frame *A B*, provided with opening *a*, and grooved as described, with the clamp, composed of plates *D D'*, bolt *e*, and thumb-screw *d*, all constructed and arranged to hold the letters in place in the manner set forth.

In testimony that I claim the foregoing as my own invention, I affix my signature in presence of two witnesses.

GEORGE E. WARREN.

Witnesses:

RICHARD F. PARKER,
A. A. BROWN.