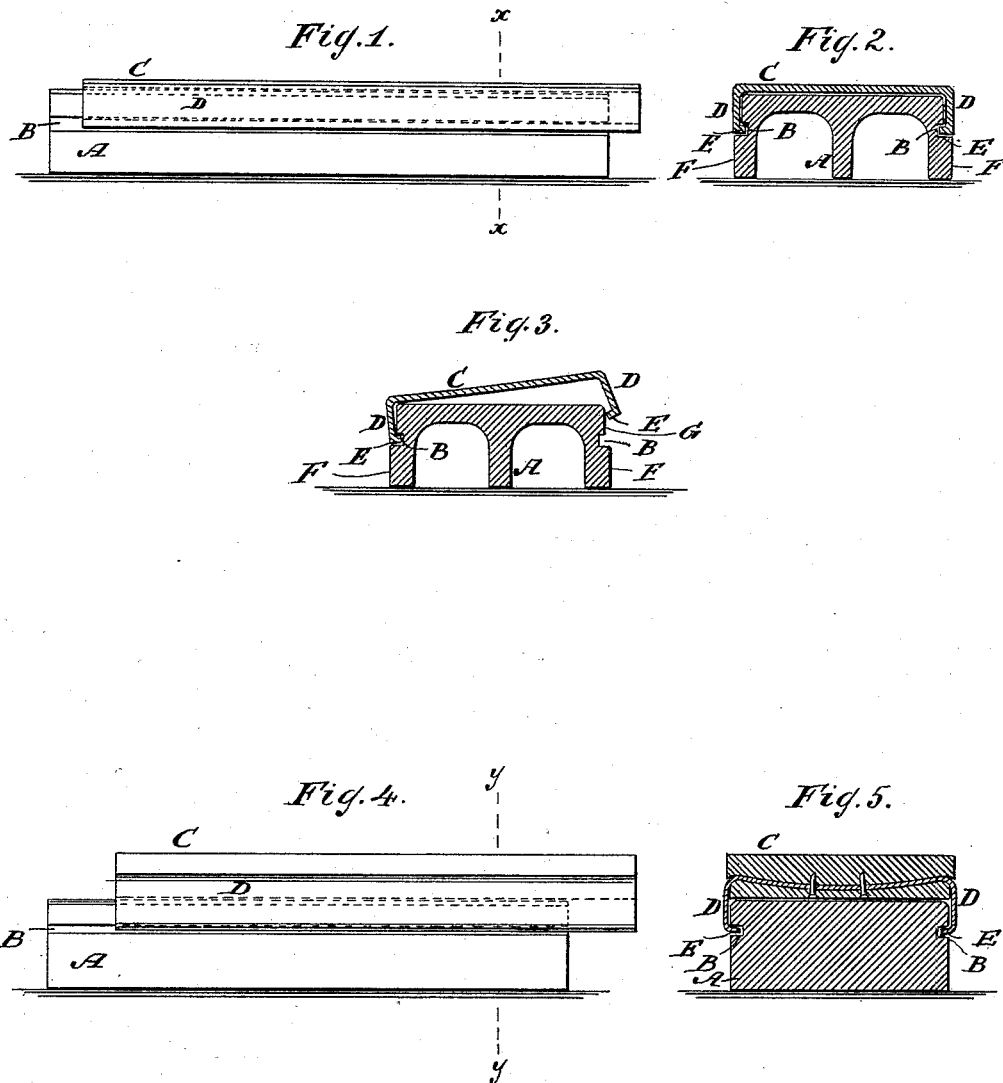


(No Model.)

L. S. MACK & B. WOODWARD.
HOLDER FOR STEREOTYPE PLATES.

No. 423,332.

Patented Mar. 11, 1890.



WITNESSES:

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UNITED STATES PATENT OFFICE.

LOUIS S. MACK AND BEAUMARIS WOODWARD, OF NEW YORK, N. Y.

HOLDER FOR STEREOTYPE-PLATES.

SPECIFICATION forming part of Letters Patent No. 423,332, dated March 11, 1890.

Application filed May 13, 1889. Serial No. 310,543. (No model.)

To all whom it may concern.

Be it known that we, LOUIS S. MACK, a citizen of the United States, and BEAUMARIS WOODWARD, a subject of the Queen of Great Britain, both residing at New York, in the county and State of New York, have invented new and useful Improvements in Holders for Stereotype-Plates, of which the following is a specification.

10 This invention relates to an improvement by which stereotype-plates are made readily removable from and replaceable upon their holders, and can be securely locked when on the holders, as set forth in the following
15 specification and claim, and illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of a stereotype plate and holder. Fig. 2 is a section along line *xx*, Fig. 1. Fig. 3 is a sectional
20 view showing a plate being sprung in place. Fig. 4 is a side elevation of a modification. Fig. 5 is a section along line *yy*, Fig. 4.

In the drawings, the letter A indicates a holder for electrotypes-plates having parallel
25 grooves B placed at a certain distance below its top. A stereotype-plate C is placed on the holder, and said plate has depending sides or flanges D, so that the lugs E will reach and engage the grooves B. The grooves B being
30 parallel, the plate C is slideable on the holder and can be readily slipped off the holder, if desired. In Fig. 1 the plate is shown partly slid off the holder. The depending sides or
35 flanges D will be engaged in the chase by the rules and furniture when the plate and holder are locked up for use, so that the plate will then be held firmly on the holder. The plate C and sides or flanges D are made elastic, so that it is not necessary to slide a plate into

place on the holder; but said plate can be
40 readily and rapidly sprung over the holder and into place, as indicated in Fig. 3. The entire plate C and sides or flanges D can be made elastic, as seen in Fig. 3, or the plate C can be made rigid and only the sides or
45 flanges D made elastic, as indicated in Fig. 5.

To secure elasticity of the plate or sides or flanges a suitable elastic material—such as celluloid or spring metal—is employed for making the plate or sides or flanges.

In order to have the outer faces of the sides or flanges D flush with the exposed portions F of the sides of the holder, the portions G of the sides of the holder against which the
50 sides D sit are sunk or set back of the exposed portions F, as seen in Figs. 2 and 3.

A stereotype-plate has heretofore been provided with side flanges to engage grooves of a base-block, and such, therefore, we do not
60 broadly claim.

What we claim as new, and desire to secure by Letters Patent, is—

The combination of a holder or support A, having side grooves B, and a stereotype-plate C, having laterally-elastic side flanges D,
65 provided with inwardly-projecting lugs E and capable of springing over the sides of the holder and retracting the lugs into the side grooves, substantially as described.

In testimony whereof we have hereunto set
70 our hands in the presence of two subscribing witnesses.

LOUIS S. MACK.
BEAUMARIS WOODWARD.

Witnesses:

J. VAN SANTVOORD,
ERNST F. KASTENHUBER.