

(No Model.)

C. W. GLIDDEN.
TOP LIFT PLATE.

No. 409,783.

Patented Aug. 27, 1889.

Fig. 1.

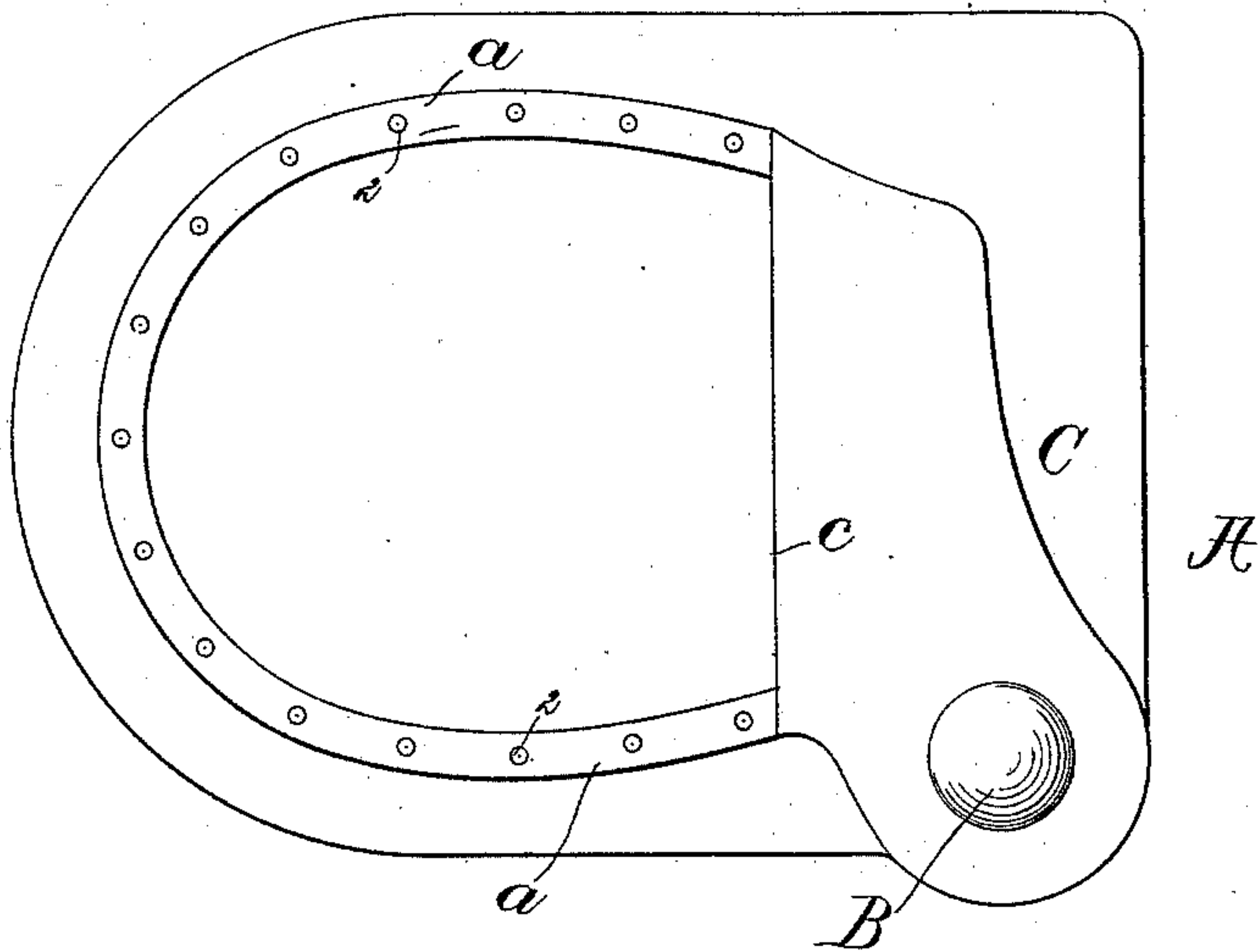
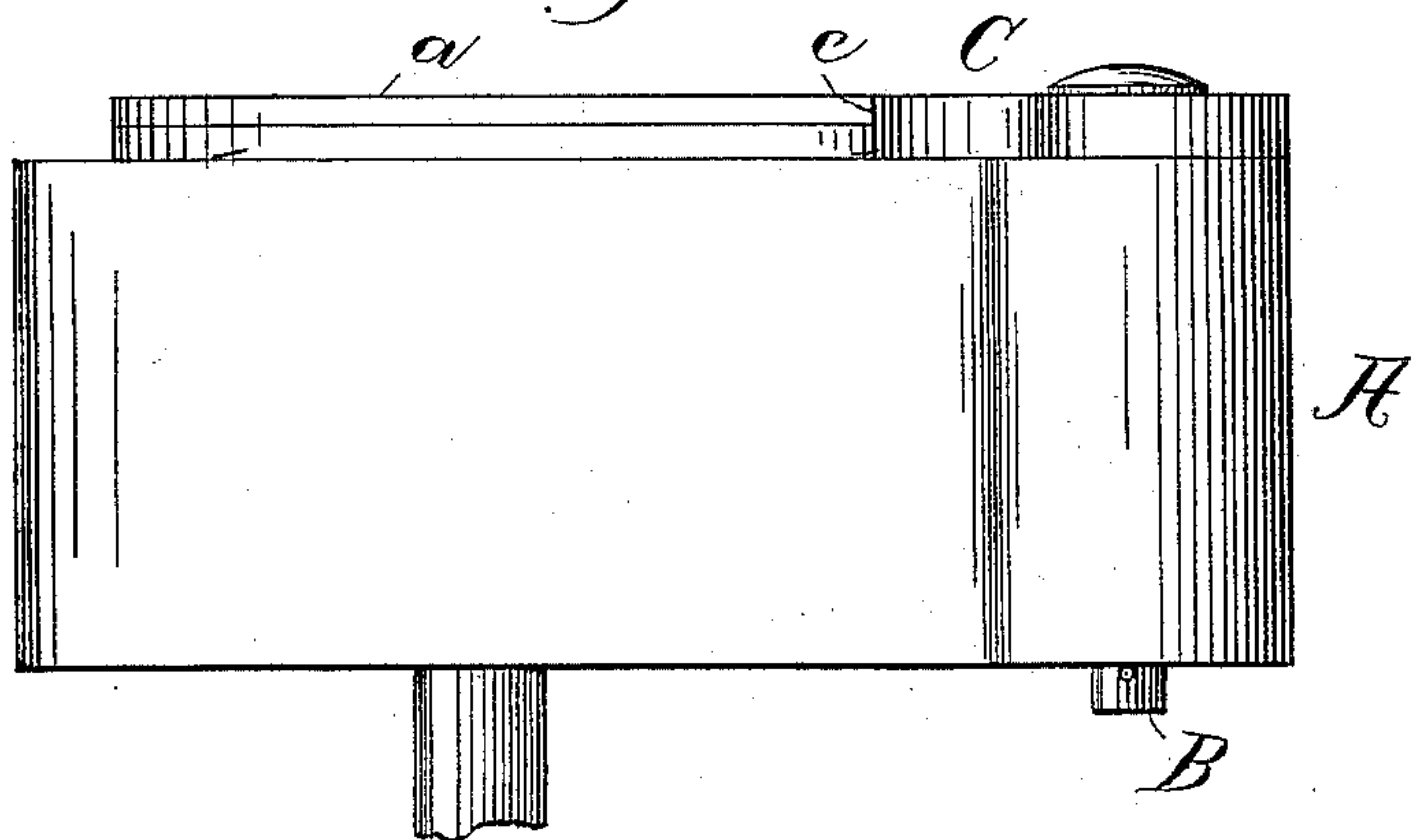


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES W. GLIDDEN, OF LYNN, ASSIGNOR TO JAMES W. BROOKS, TRUSTEE,
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TOP-LIFT PLATE.

SPECIFICATION forming part of Letters Patent No. 409,783, dated August 27, 1889.

Application filed March 30, 1889. Serial No. 305,388. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. GLIDDEN, of Lynn, county of Essex, State of Massachusetts, have invented an Improvement in Top-Lift Plates, of which the following description; in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention is an improvement designed to be applied to heel-nailing machines.

Movable or pivoted top-lift plates as now commonly employed in heeling-machines have a shoulder, against which the breast of the heel is pushed and held.

My present invention has for its object a novel construction of a top-lift plate, whereby the top lift may be retained so as to move with the plate, the top-lift plate readily withdrawing itself from the heel upon which the top-lift has been blinded when the top-lift plate and shoe are moved away in opposite directions.

In accordance with my invention a top-lift plate has been provided with a curb or flange at its outer edge to act against the convexed or curved parts of the top lift.

Figure 1 is a plan view of a nail-box provided with a pivoted top-lift plate embodying my invention, and Fig. 2 a side elevation thereof.

The nail-box A and the pivot or bolt B, upon which is pivoted the top-lift plate to be described, are and may be all as common.

The top-lift plate C has a shoulder, as *c*, against which bears the breast edge of the top lift. The top-lift plate so far described is of usual construction. I have added to the top-lift plate a curb or flange, as *a*, the said curb or flange projecting upwardly from the face of the top-lift plate to come in contact

with the convexed or curved portions of the heel. This curb or flange constitutes a guard or gage to retain the top lift in position on the top-lift plate with its breast against the shoulder *c*.

I do not desire to limit my invention to the exact length or formation of the curb or flange.

I have herein shown the curb or flange as a piece of thin metal attached to the top-lift plate by means of pins, as 2; but it will be obvious that the purpose of my invention would be accomplished even though the curb or flange were made in several pieces. As, for instance, the pins alone standing up firmly and rigidly in and extending above the top-lift plate would form a curb or flange to act upon the convexed edges of the top lift and hold it in place.

The projecting curb or flange extended upwardly from the top-lift plate leaves within it a sort of pocket, as it were, to receive the top lift.

I claim—

In a heel-nailing machine, the combination of a nail-box, the pivoted top-lift plate C, having a shoulder, as *c*, to receive against it the breast of the top lift, and having a rigid curb, as *a*, extended around the edge of the said pivoted top-lift plate, thus leaving a socket or chamber, down into which the top lift is laid, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES W. GLIDDEN.

Witnesses:

WILBUR E. ROWELL,
WILLIAM H. J. FITZGERALD.