

(No Model.)

E. J. LE GAY.

MOLD FOR BOOT OR SHOE HEELS.

No. 328,124.

Patented Oct. 13, 1885.

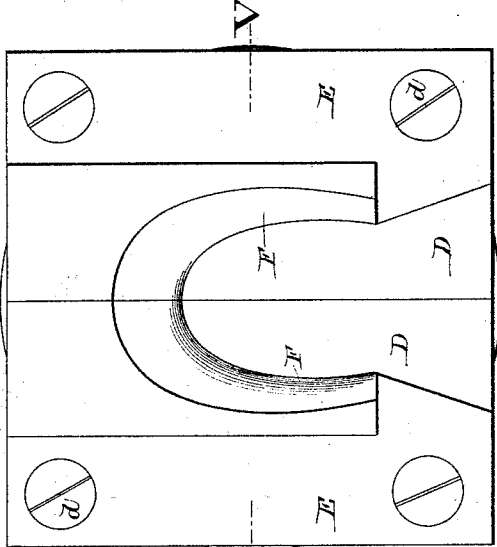


Fig. 1.

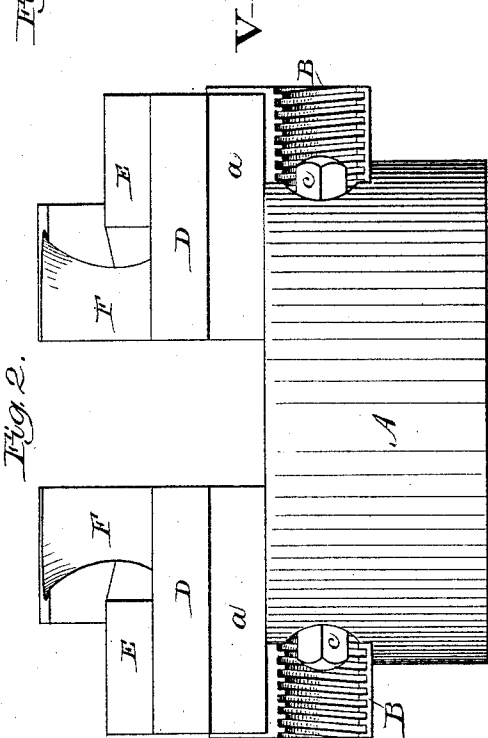
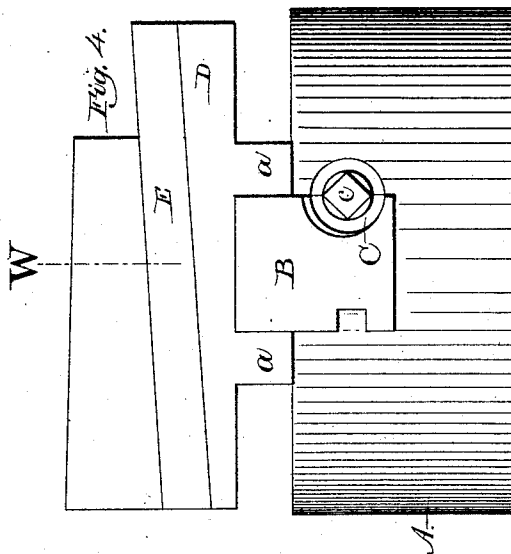


Fig. 2.

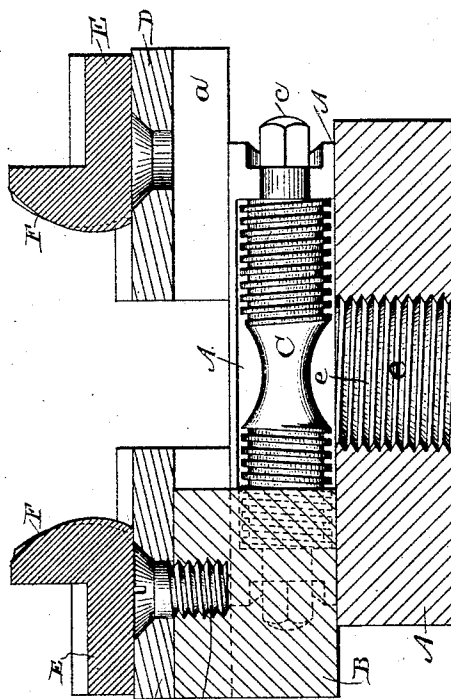


Fig. 3.

Witnesses

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MOLD FOR BOOT OR SHOE HEELS.

SPECIFICATION forming part of Letters Patent No. 328,124, dated October 13, 1885.

Application filed August 17, 1885. Serial No. 174,560. (No model.)

To all whom it may concern:

Be it known that I, EDWARD J. LE GAY, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Boot and Shoe Heel Molds, which will, in connection with the accompanying drawings, be hereinafter fully described, and specifically defined in the appended claims.

In said drawings, Figure 1 is a top or plan view of my invention, shown as with the mold closed. Fig. 2 is a front elevation of Fig. 1, viewed as from the lower or rear side in that figure, but with the mold opened. Fig. 3 is a central section taken on line *v v*, Fig. 1, and *w*, Fig. 4, and showing the die as opened and as viewed from the opposite standpoint from Fig. 2, and with the right-hand slide removed. Fig. 4 is an elevation taken as viewed from the left in Fig. 1.

My invention relates to molds for holding boot and shoe heels in a machine adapted to nailing the sole and heel together, and for other purposes to which it is applicable.

Referring again to the drawings, A represents the bed of the mold-carrier, the same being shown as formed with a threaded axial hole, *e*, as a means for securing it upon an arbor by which the heel is presented to the heel-seat on the sole.

Two slides, B B, interlocked and arranged to slide in bed A, are formed upon one of their sides as half-nuts, and are engaged and oppositely actuated by right and left hand threaded screw C, journaled in A, and having rectangular ends C, by which to rotate it with a spanner or other wrench.

Upon slides B are respectively secured the inclined halves D D of the mold-bed by means of screws *b* and lugs *a a*, which latter embrace the slides. Upon the halves of mold-bed D are respectively secured, by screws *d d*, the bases E E of the longitudinally-divided mold F, as shown. By forming mold-bed D with

its top face oblique to the plane of bed A, and also forming the top of mold F parallel with the faces or planes of bed A, the top faces of mold-bed D and mold F are oblique to each other, and hence the mold F has greater depth at its rear than at its front, in order that it shall receive a heel having the desired form, of greater depth at its rear than breast.

By means of my longitudinally-divided mold and the means of rapidly moving the halves of the same apart and together, the heel is not only quickly seated in, firmly held, and quickly released therefrom, but the heels may be wider at the middle than at the breast thereof, and also may be wider at the bottom than above that point, and may yet be readily seated in or removed from a closely and perfectly fitted mold.

I am aware that molds for heel-stiffeners, formed in two parts and hinged together at the rear center, are old and well-known, and I make no claim thereto; nor do I broadly claim a divided mold, my invention consisting in the specific features claimed below, as follows:

1. In combination with a longitudinally-divided heel-mold, the slides B, having the halves of the mold thereon respectively mounted and interlocked to slide in bed A, and the actuating-screw C, journaled in said bed and threaded in said slides, substantially as specified.

2. In combination with mold-bed D, mounted and arranged to be actuated as specified, and having its upper face oblique to that of bed A, the mold F, mounted on bed D, and formed with its upper face oblique to that of bed D and parallel to that of bed A, substantially as specified.

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Witnesses:

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