H. F. LOEWER.

LAST.

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898,664. Patented Sept. 15, 1908.

FIG. 1.

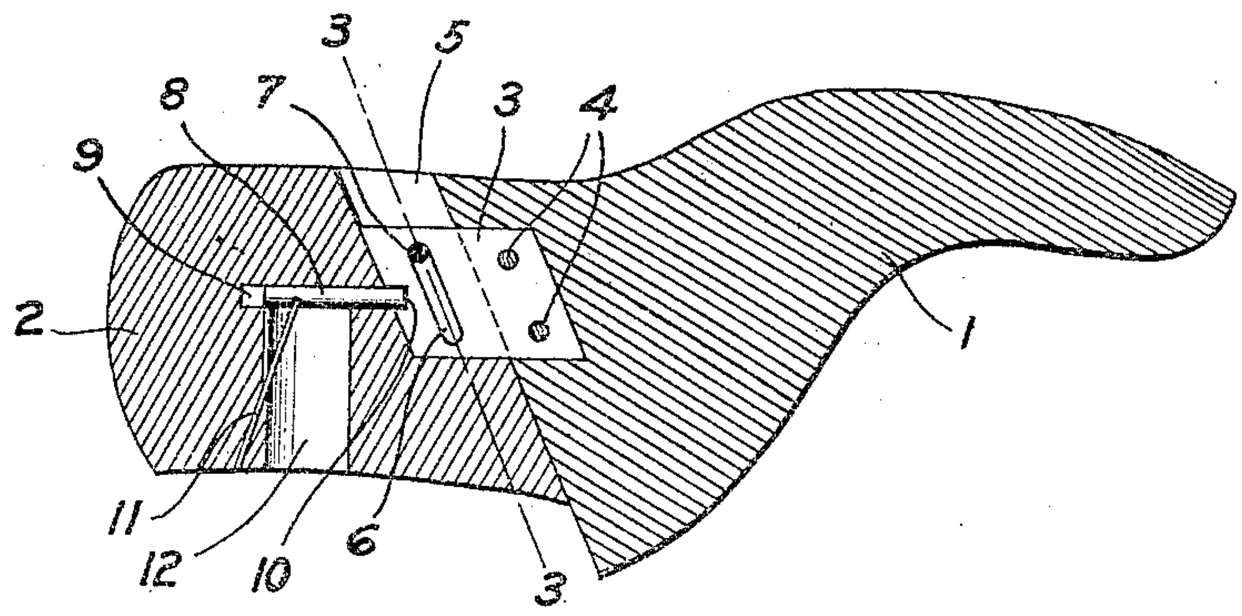

FIG. 2.

FIG. 3.

WITNESSES:

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UNITED STATES PATENT OFFICE.

HENRY F. LOEWER, OF ROCHESTER, NEW YORK.

LAST.

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To all whom it may concern:

Be it known that I, HENRY F. LOEWER, a citizen of the United States, and resident of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Lasts, of which the following is a specification.

This invention relates to lasts, and has for its object to produce one of simple construction and easy operation.

In the drawings:—Figure 1 is a vertical, longitudinal section of a last embodying the invention, showing the parts in their locked position; Fig. 2 is the same as Fig. 1, except that the parts are shown in position to receive the shoe; and Fig. 3 is a cross-section on the line 3—3 of Fig. 1.

The last consists of two main parts 1 and 2, which are, respectively, the toe and heel. The engaging surfaces are at an angle with the horizontal axis of the last, and, as shown, slant from the heel in a forwardly direction, when the last is in the position in which it appears in Figs. 1 and 2, so that it can be shortened by sliding upwardly the toe part 1.

The connecting plate 3 is secured rigidly to the toe part 1 by suitable means, as screws 4. It slides in a slot 5 in the heel part 2, and itself has a slot 6 that receives a pin 7 on the heel part 2. The slot 6 is parallel with the diagonal engaging surfaces, so that said parts can slide up and down, with reference to each other, the distance of the slot, thereby varying the length of the last as before stated.

In order to lock the parts 1 and 2 in the position shown in Fig. 1, after the shoe has been placed upon the last, a bolt 8 is employed that engages the plate 3. This bolt is adapted to slide to and from the plate 3 in a recess 9, and to enter a recess 10 in said plate 3. The recess 10 lies opposite the recess 9, so as to receive the bolt 8, when the parts are in their extended position, which is the one shown in Fig. 1. The bolt 8 is normally held in its forward position in which it is adapted to enter the recess 10 in the plate 3, by means of the spring 11. The heel part 2 is bored at 12 in line with the bolt 8 (see Fig. 1) to receive a jack 13 (see Fig. 2), and the spring 11, which is fastened at one end in the heel part 2, and at its othe end to the bolt 8, extends through the socket 12, as shown in Fig. 1. Accordingly, the spring 11 is engaged by the jack 13 and pushed to one side as the latter enters the socket 12, thereby withdrawing the bolt from the slot 10, so that the toe part 1 can be slid up into the position shown in Fig. 2, in which position the shoe is readily placed upon the last or removed from it.

What I claim is:—

A last comprising a toe part and heel part, one of said parts having a socket therein, and the other having a plate rigidly attached to it; a pin and slot connection between said socketed part and said plate, whereby said toe and heel parts are movable with reference to each other; a bolt adapted to slide across said socket and to engage said plate in order to lock said toe and heel parts together; and a flat spring secured at one end along side said socket, extending diagonally therethrough and attached at its other end to said bolt, whereby said bolt is withdrawn by a jack entering said socket.

HENRY F. LOEWER.

Witnesses:
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