

(No Model.)

F. E. BENTON.
LAST BLOCK FASTENER.

No. 527,582.

Patented Oct. 16, 1894.

Fig. 1.

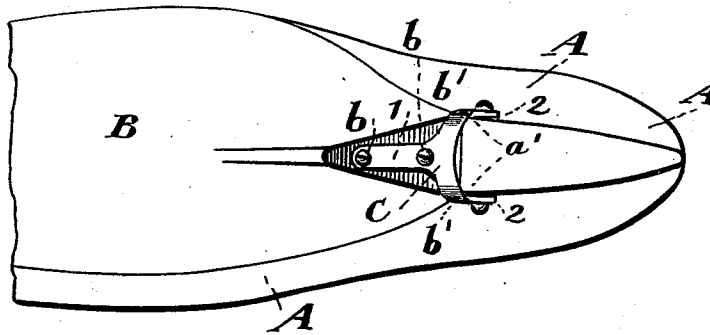


Fig. 2.

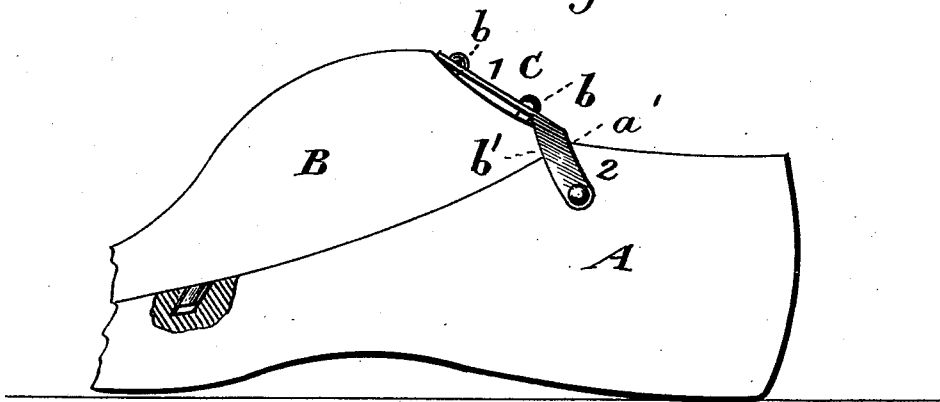
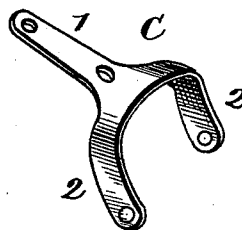


Fig. 3.



Witnesses.
A. Ruppert.
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UNITED STATES PATENT OFFICE.

FRANCIS E. BENTON, OF STOUGHTON, MASSACHUSETTS.

LAST-BLOCK FASTENER.

SPECIFICATION forming part of Letters Patent No. 527,582, dated October 16, 1894.

Application filed March 23, 1894. Serial No. 504,794. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS E. BENTON, a citizen of the United States, residing at Stoughton, in the county of Norfolk and State of Massachusetts, have invented certain new and useful Improvements in Last-Block Fasteners; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

The special object of my invention is to secure the top or instep block on a last in such a manner that the two will be held securely together when in use and may be quickly separated by slight manual force as herein after described.

The invention consists in the construction of a fastener in one piece, made of spring metal, one arm being secured by two screws or round-headed nails to the instep block and the other two arranged to straddle the body of last and cling to it with sufficient force to hold the two parts of last fast to one another.

Figure 1 of the drawings is a plan view of the last and instep blocks attached together by my fastener; Fig. 2, a side-elevation, showing clearly the position of the spring arms, and Fig. 3 a detail view of the fastener.

In the drawings, A represents the body of the last and B the the instep block which must be fastened together in some way. Various

means have been adopted heretofore to conveniently attach them together, but they have been generally found to be objectionable, either because they were liable to more or less displacement or they were troublesome to detach from one another.

In order to overcome all objections, I have made the three-armed spring C, the arm 1 being rigidly fastened to the instep block B by means of two screws *b b* or two round headed nails, while the arms 2, 2, form a bifurcation which straddles the corners *b' b'* of the block B as well as the shoulders *a' a'* of the body block A, thus effectually preventing any lateral displacement. The tension of the spring arms 2, 2, is always toward each other which causes them to clamp the block A very tightly. I may use a pin and undercut lip or any of the usual devices to prevent any longitudinal movement or any lift at the front end.

What I claim as new, and desire to protect by Letters Patent, is—

The combination with a last, of a bifurcated spring C having the arm 1 rigidly attached to the instep block and the bifurcated spring straddling the corners *a' b'* of both the blocks A B, the tension of the springs being toward each other, as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

FRANCIS E. BENTON.

Witnesses:

EUGENE H. MOORE,
JENNIE C. BARNES.