

(No Model.)

G. W. DAY.
LAST.

No. 267,646.

Patented Nov. 14, 1882.

Fig. 1.

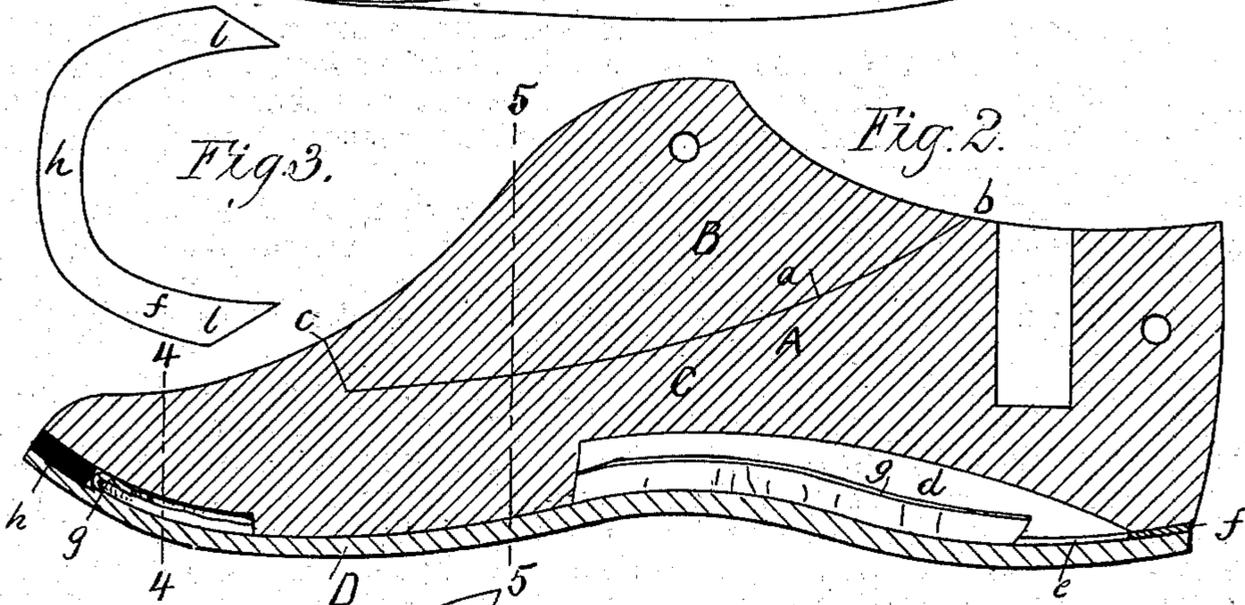
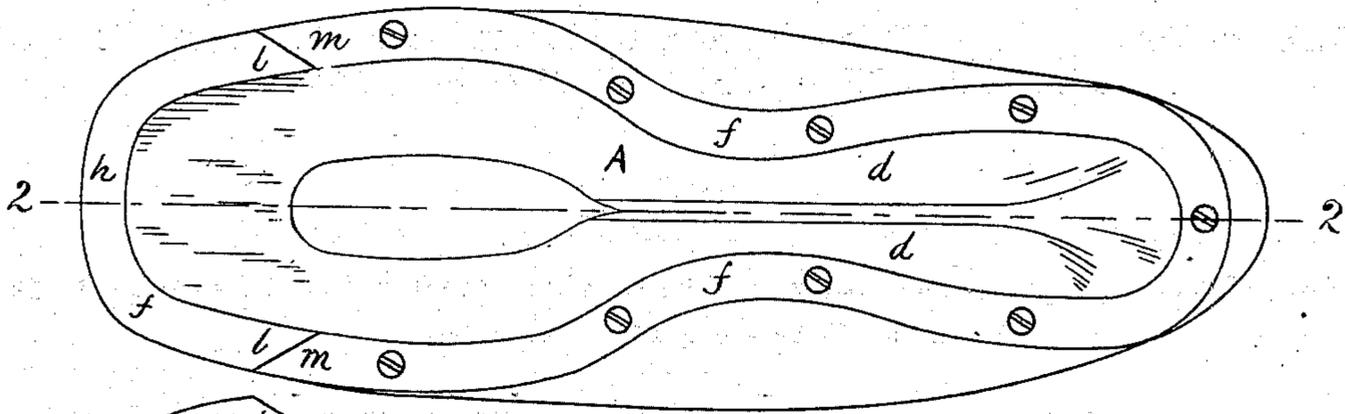


Fig. 3.

Fig. 2.

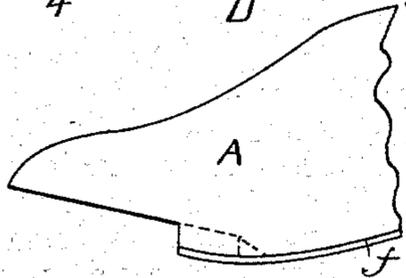


Fig. 6.

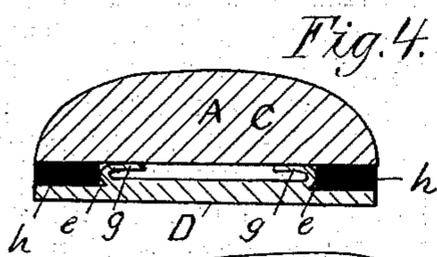


Fig. 4.

Fig. 5.

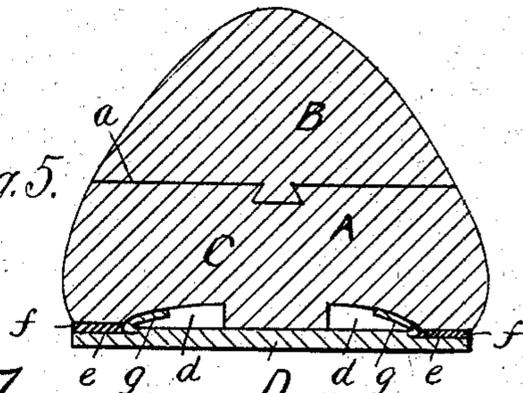
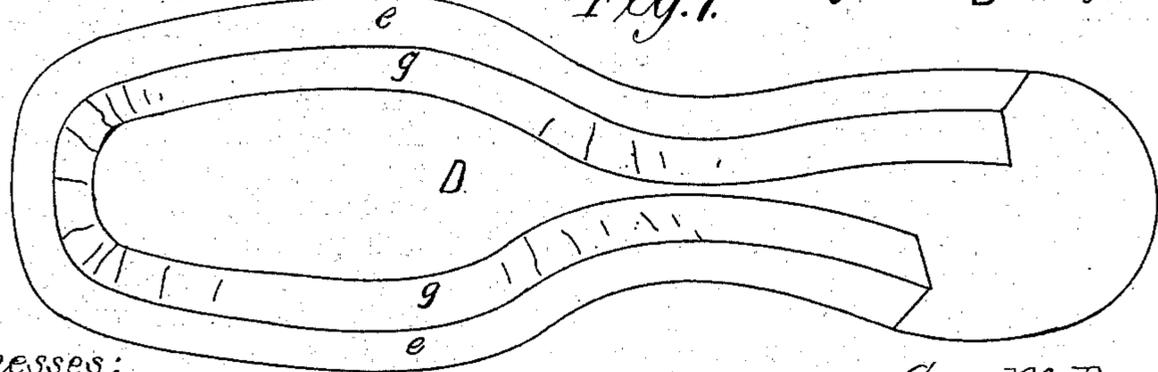


Fig. 7.



Witnesses:

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UNITED STATES PATENT OFFICE.

GEORGE W. DAY, OF HAVERHILL, ASSIGNOR TO THE DAY SEWED SHOE COMPANY, OF BOSTON, MASSACHUSETTS.

LAST.

SPECIFICATION forming part of Letters Patent No. 267,646, dated November 14, 1882.

Application filed September 19, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. DAY, of Haverhill, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Lasts for Boots and Shoes, of which the following is a full, clear, and exact description.

This invention relates to a boot and shoe last having a groove or depression in its bottom face of a shape to receive the lip of a channel when such lip is turned over upon the sole, and a rib surrounding said groove of the last of a shape to fit within the channel of said channeled inner sole, said channeling of the inner sole extending around the toe as well as along the length of the sides of the sole. For an example of these lasts see the Letters Patent of the United States issued to me dated April 8, 1879, No. 214,114. In the Letters Patent aforesaid the last shown and described is split into two parts, and the line of split extending from the usual point near the ankle to the extremity of the toe, in order that the drawing out of the upper part of the last will leave space at the toe of the boot or shoe for the under part of the last to be lifted sufficiently to clear the turned-over lip at the toe of the channeled inner sole. This splitting of the last to the extremity of the toe is disadvantageous, in that it necessarily leaves in many instances the last so thin at the toe end of either or both of its parts as to be liable to fracture if not handled with great care. To obviate the necessity of so splitting the last to the extremity of its toe, and at the same time leave the last free to be withdrawn from the boot or shoe, is the object of this invention; and to that end it consists of a last of the character described, having the rib which is at the toe portion of the last made separate from and unattached to the bottom face of the last, all substantially as described.

Figure 1 is a view of the bottom face of the the last. Fig. 2 is a longitudinal vertical section on line 2 2, Fig. 1. Fig. 3 is a plan view detached of the toe portion of the rib upon the last; Figs. 4 and 5, cross-sections on lines 4 4 and 5 5, respectively, of Fig. 2.

Fig. 6 is a side view at the toe end of the last with the rib of the last at such end removed. Fig. 7 is a plan of a channeled inner sole with the lip of the channel turned back upon the sole.

In the drawings, A is a last made in two parts, B and C, and the line of split a runs from the usual point, b , near the ankle toward the toe, but not fully to the toe, as shown at c , Fig. 2.

d is the recess or groove in the bottom face of the last, and f a rib surrounding the same. The recess d receives the turned-over lip g , and the rib f fits within the channel e of the channeled inner sole, D, when such a sole and an upper are lasted. The rib f , preferably is made of iron or other material capable of resisting the entrance of the lasting-nails and of clinching their points, and, except at its toe portion h , it is fastened to or otherwise made a part of the last in any suitable manner. The toe portion h is left separate and unattached, and by being made of a thickness equal to if not greater than the turned-over lip of the channeled inner sole, it is plain that on loosening the upper part, B, of the last and withdrawing it from the boot, the under part of the same can then be removed, as its toe portion is then free to pass over the toe portion of the turned-over lip of the channeled inner sole D, leaving the separate and attached toe part h of the rib f in its position against the sole, which on the full removal of the last can be thrown out of the boot or shoe at pleasure. The ends l of the portion h of the rib f and the adjoining ends m of the portion of the rib f fastened to the bottom face of the last are made correspondingly inclining, so that when the toe portion is put in position upon the last it will be held against lateral movement upon the last. With the toe portion of the rib in position upon the last, the lasting of a boot or shoe is accomplished in the usual manner.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A boot or shoe last, A, having a rib, f ,

and its toe portion *h*, adapted to be loosely attached thereto, substantially as and for the purpose described.

5 2. A boot or shoe last, *A*, having a rib, *f*, and its toe portion *h* loosely attached, and adapted to fit its fastened portion by inclined edges, substantially as and for the purpose described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

GEORGE W. DAY.

Witnesses:

EDWIN W. BROWN,
W. S. BELLOWS.