

(No Model.)

S. K. HINDLEY.

BOOT OR SHOE.

No. 262,592.

Patented Aug. 15, 1882.

Fig. 1.

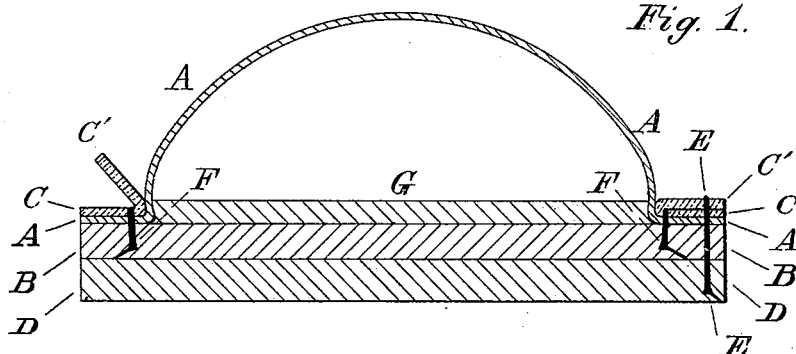


Fig. 2.

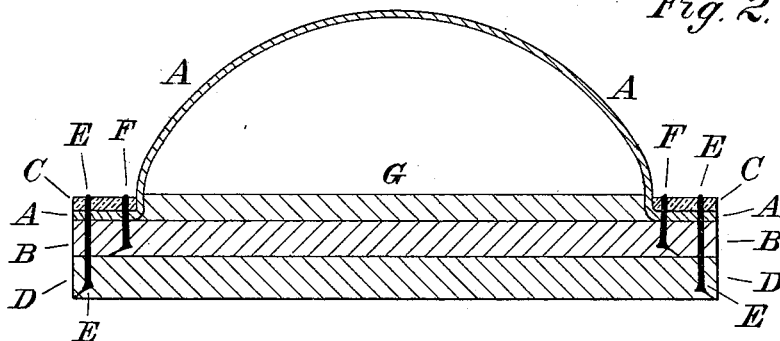
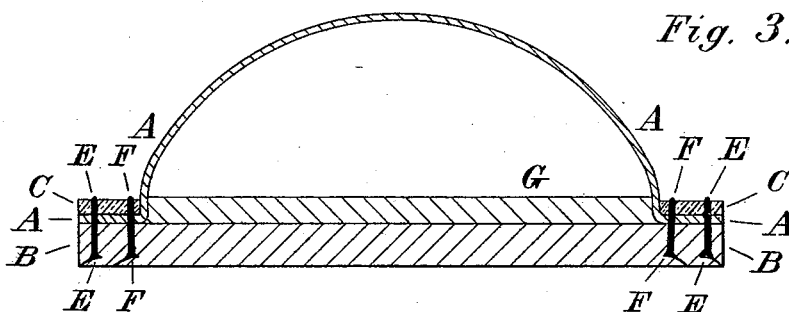


Fig. 3.



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SOLOMON K. HINDLEY, OF WORCESTER, MASSACHUSETTS.

BOOT OR SHOE.

SPECIFICATION forming part of Letters Patent No. 262,592, dated August 15, 1882.

Application filed May 5, 1882. (No model.)

To all whom it may concern:

Be it known that I, SOLOMON K. HINDLEY, of Worcester, in the county of Worcester and State of Massachusetts, have invented a certain new and useful Improvement in Boots or Shoes, of which the following is a specification.

My invention relates to that class of boots or shoes known as "stitch-down" goods, in which the upper, at the line of contact with the sole, is turned outward and is fastened to the sole by seams or fastenings outside the upper.

My invention is herein described and represented as applied to a boot or shoe in which the upper is fastened to the soles by waxed-thread seams; but it will be obvious that rows of other fastenings may be used.

In the drawings, in which similar letters of reference indicate like parts, Figure 1 represents a vertical section across the ball of my improved boot or shoe. A is the upper, which may be cut out, stitched together, and prepared for lasting in any convenient manner. B is a sole which I call the "upper sole." D is another sole, which I call the "bottom sole." C is a folded welt. F is the inner seam, so called, and E the outer seam. G is an insole.

Fig. 2 is a vertical section across the ball of another form of the said improved shoe, having a single welt, C, in place of the folded welt shown in Fig. 1, both the inner seam and the outer seam going through the welt.

Fig. 3 is a vertical section across the ball of the latter form of shoe when but a single sole is used beneath the outward-turned portion of the upper. The welt C and upper A are united to a single sole by two seams, F and E.

To carry out my invention I first tack an insole, G, to the bottom of a last. I then take an upper, A, and last it by tacks, as is described in Letters Patent No. 254,594, dated March 7, 1882, or by holding it in place upon the last by a properly-constructed clamp, leaving, however, projecting below the last a portion of the upper substantially equal in width to the distance between the bottom edge of the last and the edge of the proposed upper sole. On the bottom of the insole I then fasten by cement or otherwise an upper sole, B, the pro-

jecting edge of the upper being thereby turned outward and caused to rest on the upper surface of the upper sole. I next place a welt (the width of which I prefer to have twice that of the outward-turned portion of the upper) upon the outward-turned portion of the upper, the edge of one flap of this welt C being flush with the edge of the upper sole, its center being substantially over the line of juncture of the upper with the upper sole, and the edge c' of the other flap being left for the time resting free against the body of the upper, as represented at the left-hand side of Fig. 1. I next unite the welt, the upper, and the upper sole by a seam, F, arranged as close as practicable to or under the edge of the last. A channel may be formed in the lower side of the upper sole to receive the seam. I next tack the bottom sole, D, to the under side of the upper sole, fold down the free flap C' of the welt, and run a seam, E, by the side of the former seam through the folded welt, the upper, the upper sole, and the bottom sole, as is shown on the right-hand side of Fig. 1. A channel may be formed on the lower side of the bottom sole to receive this seam.

The insole G in the shoe shown herein sustains no part of the strain upon the wearing parts of the shoe. It is used merely to fill up the upper sole on the inside of the upper to the level of the surface of the welt, and may be composed of several pieces of inferior leather.

In the place of the folded welt shown in Fig. 1, a welt of but a single thickness may be used, as is shown in Fig. 2, the inner seam and the outer seam both being exposed on the upper surface of the welt.

When the edge of a shoe made as above is finished the apparent sole-edge will be made up of the edge or edges of the welt, the outward-turned edge of the upper, and the edges of the upper sole and bottom sole.

The bottom sole, D, may be omitted, in which case the outer seam will unite the welt and upper to the sole B, in the bottom of which a channel may be formed to receive the outer seam.

I am aware that boots and shoes have been made in which the upper is turned outward

upon a sole, a welt placed upon the outwardly-turned portion of the upper, and the welt, upper, and sole then stitched together outside the upper by a single seam or row of fastenings.

What I claim as my invention and improvement is—

1. A boot or shoe having its upper turned outward upon an upper sole, a folded welt resting upon such outwardly-turned portion, the edge of one flap thereof being flush with the sole-edge, and its center being substantially over the line of juncture of the upper with the upper sole, the welt, upper, and upper sole being united by a seam or row of fastenings outside the body of the upper and passing through the center of the welt, and having a bottom sole attached to and beneath the upper sole by another seam or row of fastenings

by the side of the first and going through both flaps of the welt, the upper, the upper sole, and the bottom sole, all substantially as described.

2. An improved boot or shoe having its upper turned outward upon the sole, a welt resting upon such outwardly-turned portion, the welt, upper, and sole being united by a seam or row of fastenings outside the body of the upper and by another seam or row of fastenings outside of and by the side of the first, passing through the welt, upper, and sole or soles, whereby the parts are all united by two seams or rows of fastenings outside the body of the upper, all substantially as set forth.

SOLOMON K. HINDLEY.

Witnesses:

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