

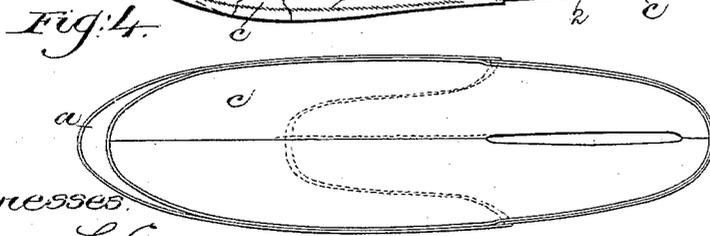
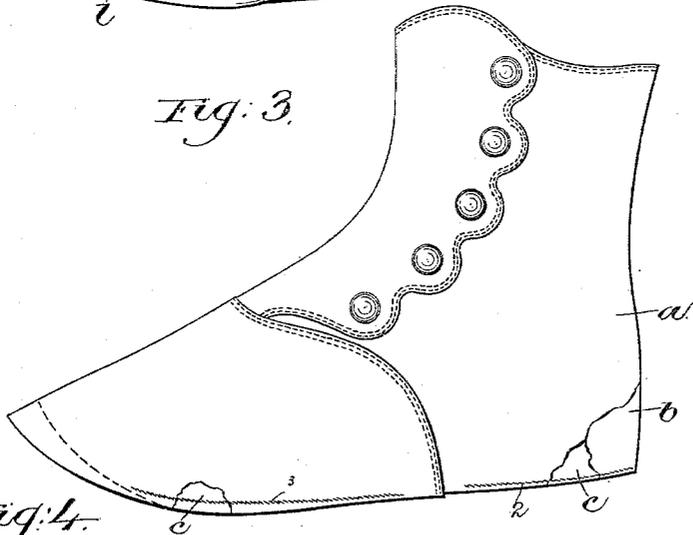
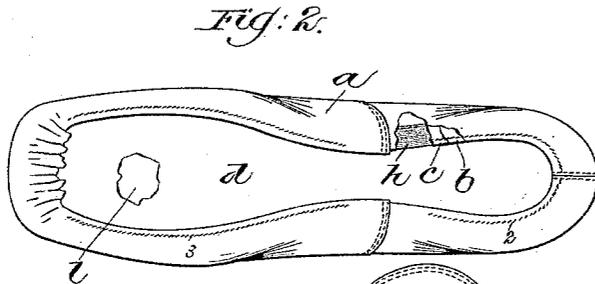
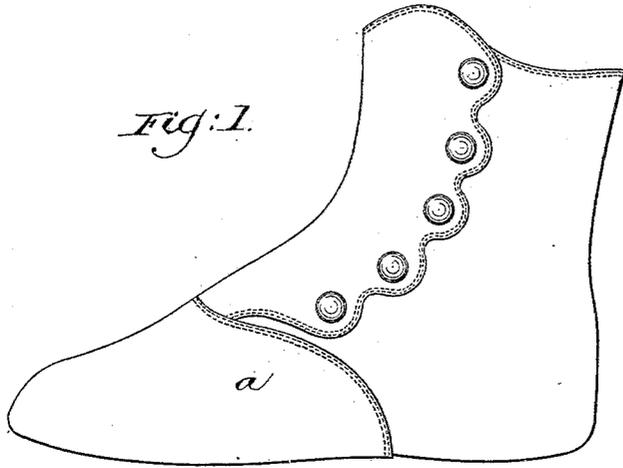
(No Model.)

J. W. HATCH.

LASTING BOOTS AND SHOES.

No. 378,444.

Patented Feb. 28, 1888.



Witnesses.
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UNITED STATES PATENT OFFICE.

JESSE W. HATCH, OF ROCHESTER, NEW YORK.

LASTING BOOTS AND SHOES.

SPECIFICATION forming part of Letters Patent No. 378,444, dated February 28, 1888.

Application filed February 15, 1887. Serial No. 227,659. (No model.)

To all whom it may concern:

Be it known that I, JESSE W. HATCH, of Rochester, county of Monroe, and State of New York, have invented an Improvement in Uppers for Boots and Shoes and Method of Preparing the Same for Lasting, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

In the process of lasting shoes having counter-stiffeners much difficulty is experienced by the laster in keeping the counter-stiffener in proper place inside the counter of the upper when fitting the upper to the last, and especially when the upper and counter stiffener are being laid over the heel of the inner sole, in order that a proper proportional part of each of them may be drawn sufficiently above and over upon the inner sole to receive tacks.

In my invention the upper, containing, preferably, the usual lining, and with the counter-stiffener in place between them in usual manner, are stitched together near their edges, preferably in a sewing-machine, the said stitches passing through the counter-stiffener along its lower edge.

While the upper and lining and counter-stiffener are being stitched together the upper rests against the bed-plate, with the lining uppermost, so that the operator may lay the upper, lining, and counter-stiffener smoothly together, so as to avoid wrinkles in the lining when the upper is thereafter applied to the last to be lasted. The lining within the vamp will preferably be foreshortened or will terminate within, say, about three-eighths of an inch of the toe-covering edge of the vamp, thus leaving the inner surface of the upper at the toe, when being lasted, to come directly against the inner sole. The upper, lining, and counter-stiffener stitched together, as stated, will not be moved out of place one with relation to the other when the upper is being lasted.

My invention therefore consists, essentially, in a shoe-upper having a quarter, lining, and counter-stiffener stitched to the quarter along the lower edge of the stiffener.

Figure 1 in side elevation shows a shoe lasted in accordance with this invention; Fig. 2, an under side view of Fig. 1, the upper and lining being partially broken out to show the inner sole and also portions of the stiffener

and lining. Fig. 3 is a side elevation of the upper shown in Fig. 1 prepared for lasting, a portion of the upper being broken out to show the lining and counter-stiffener within it. Fig. 4 is an under side view of Fig. 3, showing the foreshortened lining; and Fig. 5 is a detail of part of the inner side of one edge of the upper to show the lining.

The upper *a*, counter-stiffener *b*, lining *c*, and inner sole, *d*, are and may be all as usual. The counter-stiffener *b* is inserted between the upper *a* and lining *c* in usual manner, and then, in accordance with my invention, the stiffener is stitched to the upper by stitches, as at 2, the said stitches also passing through the lining, thus confining all three together; but I desire it to be understood that I do not wish to limit my invention to always passing the stitches 2 through the lining, for in some instances the lining at the heel might be omitted; but I prefer to stitch through all. Herein the upper and lining are also shown as stitched together by stitches, as at 3, the said stitches extending along the sides of the upper, preferably from near the shank toward the toe, as shown in Fig. 3. When the counter-stiffener is being stitched, as described, to the upper, the face side of the upper rests on the bed-plate of the sewing-machine, such position of the upper enabling the lining, if used, to be fully exposed to view, so that the operator may fit it evenly and smoothly to the counter-stiffener and upper and avoid the formation of wrinkles.

I claim—

1. As an improved article of manufacture, an upper and a heel-stiffener within it, both stitched together along the lower straight edge of the stiffener, as at 2, substantially as described.

2. As an improved article of manufacture, an upper and a heel-stiffener within it and a lining, all stitched together along the lower straight edge of the stiffener, as at 2, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JESSE W. HATCH.

Witnesses:

G. W. GREGORY,
C. M. CONE.