

F. Senn. Boots & Shoes.

116872

Fig. 1.

PATENTED JUL 11 1871



Fig. 2.

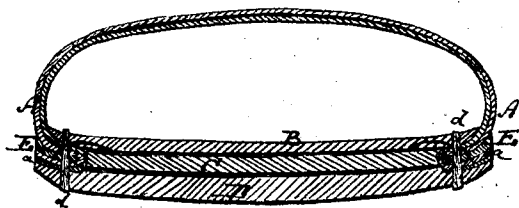
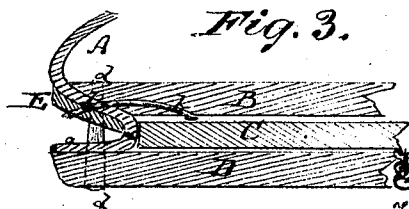


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

FRANÇOIS SENN, OF FORESTVILLE, NEW YORK.

IMPROVEMENT IN BOOTS AND SHOES.

Specification forming part of Letters Patent No. 116,872, dated July 11, 1871.

To all whom it may concern:

Be it known that I, FRANÇOIS SENN, of Forestville, in the county of Chautauqua and State of New York, have invented a new and useful Improvement in Boots and Shoes; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 represents a side view of a boot provided with my improvement. Fig. 2 is a transverse section of the same. Fig. 3 is a detail transverse section, on an enlarged scale, of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new manner of securing the upper leather to the in-sole and sole of a boot or shoe; and consists in folding the upper outward part around the welt, stitching it and the welt to the in-sole, and finally sewing all to the main sole. A water-proof seam is thereby obtained without additional expense or waste of material.

A in the drawing represents the upper, B the

in-sole, C the filling-sole, and D the main sole of a boot or shoe. E is the welt. The welt is placed into a groove or fold of the upper, over a lap, *a*, formed at the edge of the same, and is then, by a thread, *b*, stitched to the in-sole, as is clearly indicated in Figs. 1 and 3. The stitches may be long, their object being only to effect a preliminary connection of parts. The upper is then, by thread *c* or pegs *d*, fastened to the main sole, said thread *c* or pegs passing through the main sole, lap *a*, welt, and, if desired, also through the intermediate or filling-sole.

Thus it will be seen the upper closes the joint by its lap *a*, so that water cannot enter except under the lap, where it would also come under the in-sole. A practically water-proof joint is thus obtained.

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

The seam, composed of the upper, welt, lap *a*, and sole, being first stitched and then secured by thread or peg, as set forth.

FRANÇOIS SENN.

Witnesses:

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