

A. B. JONES.
 Manufacture of Boot and Shoe Soles.
 No. 209,482. Patented Oct. 29, 1878

Fig. 1.

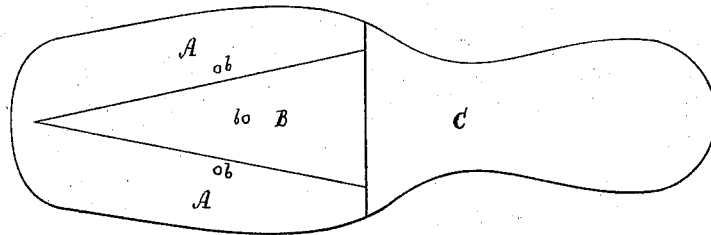


Fig. 3.

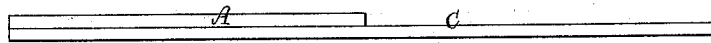


Fig. 2.

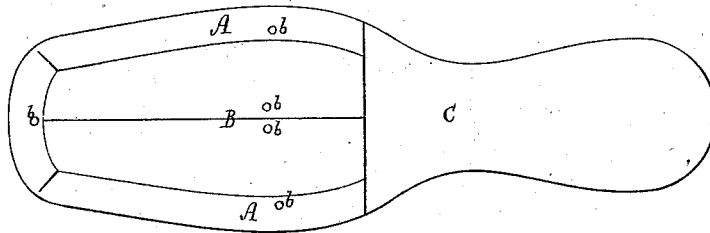


Fig. 4.

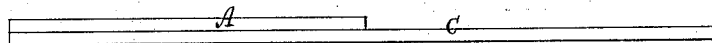


Fig. 6.

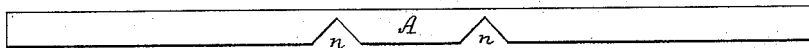
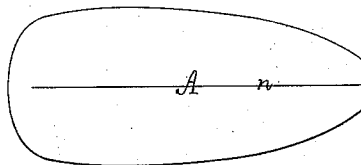


Fig. 5.



Witnesses

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UNITED STATES PATENT OFFICE.

ANDROS B. JONES, OF FAYVILLE, ASSIGNOR TO HIMSELF AND ALLAN D. HOWE, OF SOUTHBOROUGH, MASSACHUSETTS.

IMPROVEMENT IN MANUFACTURE OF BOOT AND SHOE SOLES.

Specification forming part of Letters Patent No. **209,482**, dated October 29, 1878; application filed October 7, 1878.

To all whom it may concern:

Be it known that I, ANDROS B. JONES, of Fayville, of the town of Southborough, in the county of Worcester and State of Massachusetts, have invented a new and useful Improvement in Tap-Soles for Boots or Shoes; and do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figures 1 and 2 are top views, and Figs. 3 and 4 edge views, of an outer sole provided with an inner tap-sole made in accordance with my invention, the purpose of which is to utilize waste, or what is termed "scrap-leather."

It is well known that in cutting soles from a tanned hide there is more or less waste, or what are termed "scraps," much of which, by my improvement, may be used in making inner tap-soles. It is necessary that each of such soles should have no joint or opening along its toe and side edges, for should there be any, shrinkage of the leather would be likely to cause such joint to open, which would badly affect the appearance and sole of the shoe or boot, and, besides, be injurious in other respects.

My tap sole is, therefore, a composite one, and consists of a filling of one or more pieces, and of an outside or boundary piece, split or opened from its inner edge nearly to its toe or outer edge, all being essentially as represented in the said drawings, in which A denotes the boundary-piece, and B the filling, composed of one or more pieces.

Figs. 5 and 6 are top views of the boundary-pieces as notched or split, as shown at *n*, ready for being expanded or contracted for reception of the filling, and for being fixed to the outer sole, C. The boundary-piece shown in Fig. 5, after being split from its heel nearly to the toe, is to be expanded laterally to receive a triangular filling-piece, B, all being as shown in Fig. 1. So with the boundary-piece shown in Fig. 4, which is a long strip of leather notched from one edge only, as shown at *n*. It is to be contracted in manner and to receive within it, as shown in Fig. 2, a filling, B, which may be composed of one or more pieces of leather. Such filling and boundary-piece I usually secure to the outer sole by nails or tacks *b*.

I claim—

As an improvement in boot or shoe soles, a composite inner tap-sole, substantially as described, consisting of a single outside or boundary-piece, A, of leather split or opened from its inner edge nearly to its toe or outer edge, and subsequently bent in or out, as explained, and of a filling, B, arranged within such boundary-piece, and composed of one or more pieces of leather, all being essentially as set forth, whereby the outer edge of the boundary-piece, from the heel to and around the toe of the tap-sole, is without or unbroken by any joint, as explained.

ANDROS B. JONES.

Witnesses:

R. H. EDDY,
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