

J. TIBBETTS.
MANUFACTURE OF SHOES.

No. 191,730.

Patented June 5, 1877.

Fig. 1.

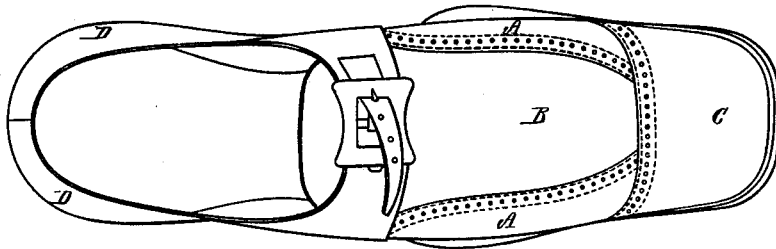


Fig. 2.

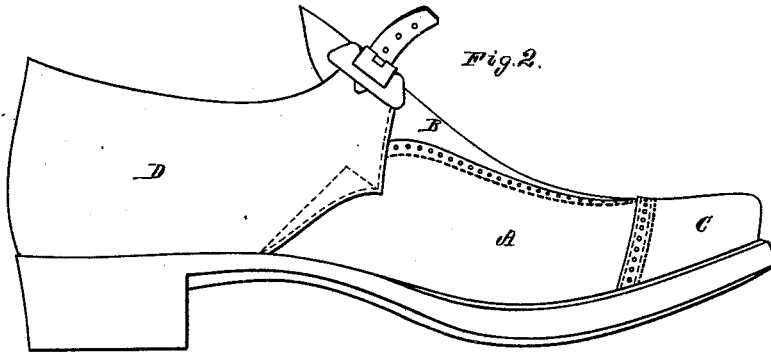


Fig. 3.

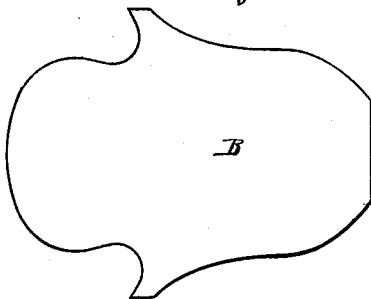
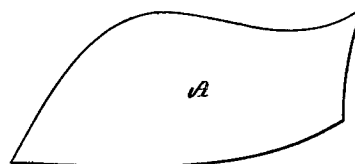


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

JAMES TIBBETTS, OF SACO, MAINE.

IMPROVEMENT IN THE MANUFACTURE OF SHOES.

Specification forming part of Letters Patent No. **191,730**, dated June 5, 1877; application filed April 11, 1877.

To all whom it may concern:

Be it known that I, JAMES TIBBETTS, of Saco, of the county of York and State of Maine, have invented a new and useful Improvement in the Manufacture of Shoes; and do hereby declare the same to be described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a top view, and Fig. 2 a side elevation, of a shoe provided with my improvement. Figs. 3 and 4 are representations of the forms of the middle and side pieces of the vamp.

In making the shoe, its vamp is composed of two side pieces, A A, and intermediate piece B, of leather or other suitable material, which are arranged with each other and with a box-toe or toe-piece, C, and the quarters D D, in manner as represented—that is to say, each of the pieces A B A extends from the toe-piece, the middle piece B, when at the toe-piece, having a width about one-third the width of such toe-piece. The three vamp-pieces project between the quarters, and are connected or sewed together and to the toe-

piece. Furthermore, the side pieces are sewed, at or near their inner ends, to the quarters.

By the above mode of making the vamp, and arranging its pieces with the toe-piece and the quarters, not only is there a saving in stock in comparison to what would be required in making the vamp of the piece, but different kinds of stock may be employed to great advantage, as the finer and stronger portions of the skin may be used for the side pieces of the vamp, where the greatest strength is required, the other parts of the skin being used in making the middle piece of the vamp and the toe-piece. The said middle piece may be of ordinary cloth, or elastic gore-cloth, if desirable.

I claim—

As an improved manufacture, a shoe having its vamp composed of an instep and two side pieces, A B A, and a box-toe or toe-piece, C, formed and arranged in manner and with the quarters, substantially as set forth.

Witnesses: JAMES TIBBETTS.

F. W. GUPTILL,
GEORGE E. GRANT.