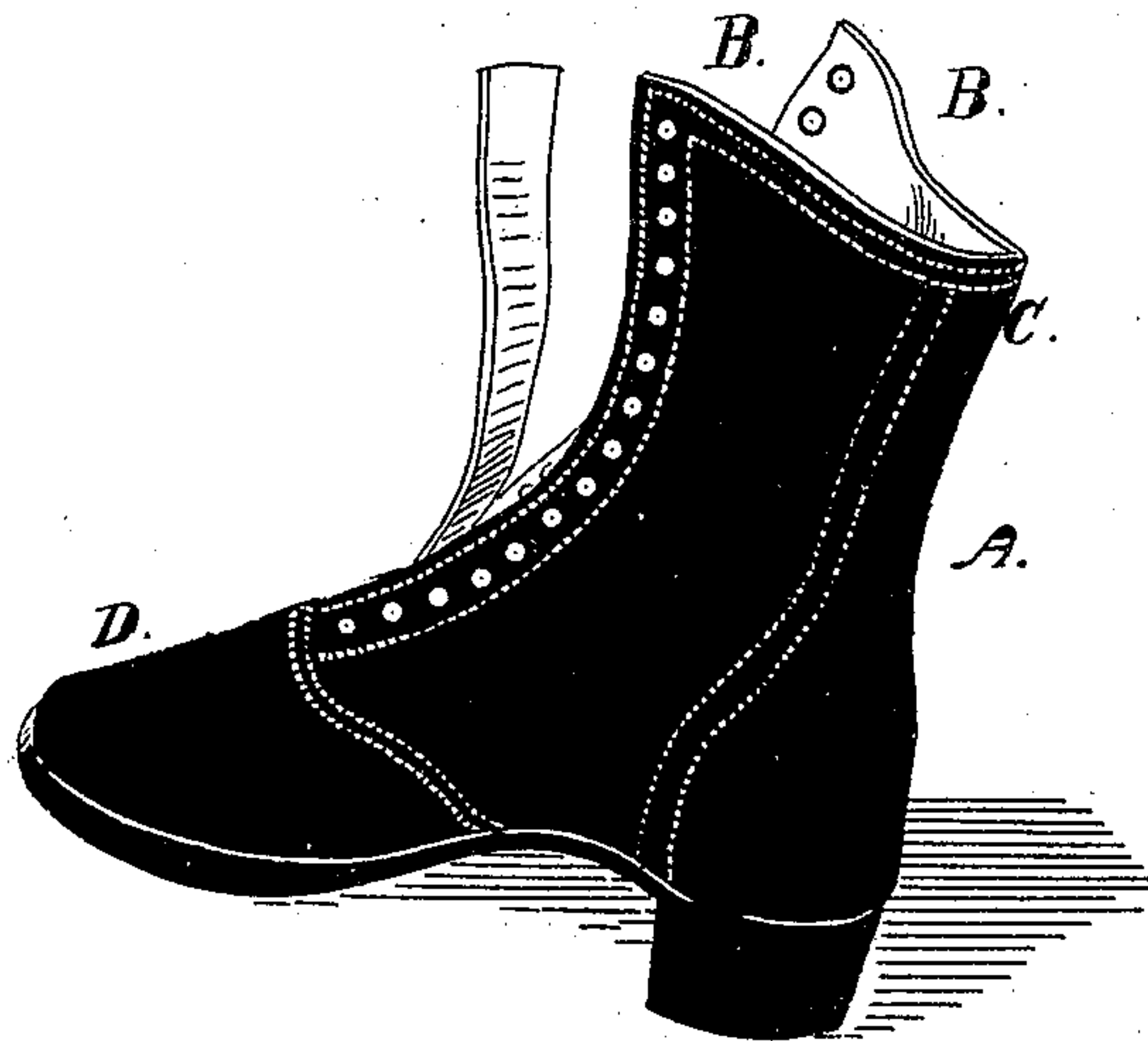


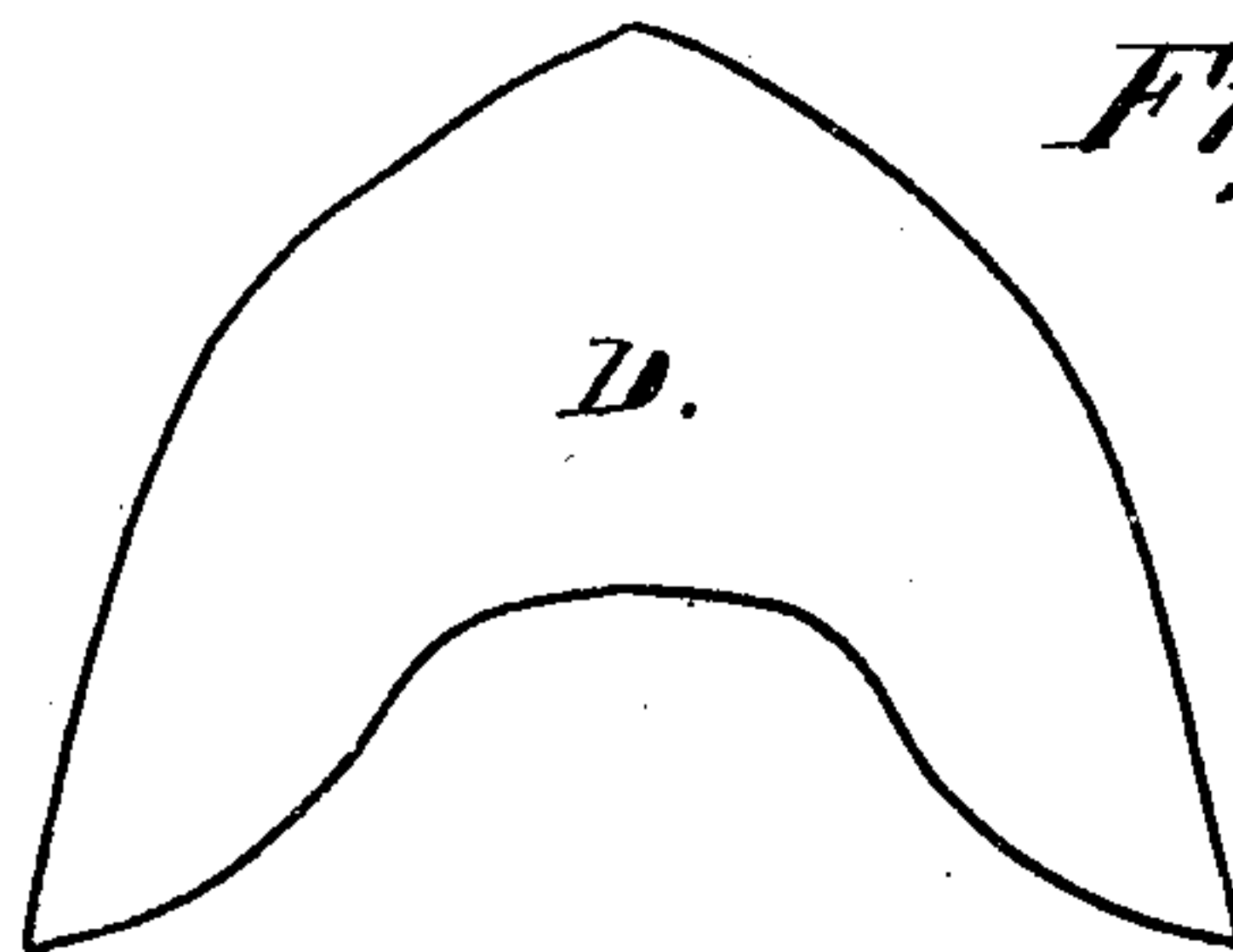
E. SHAW.  
SHOES.

No. 177,288.

Patented May 9, 1876.

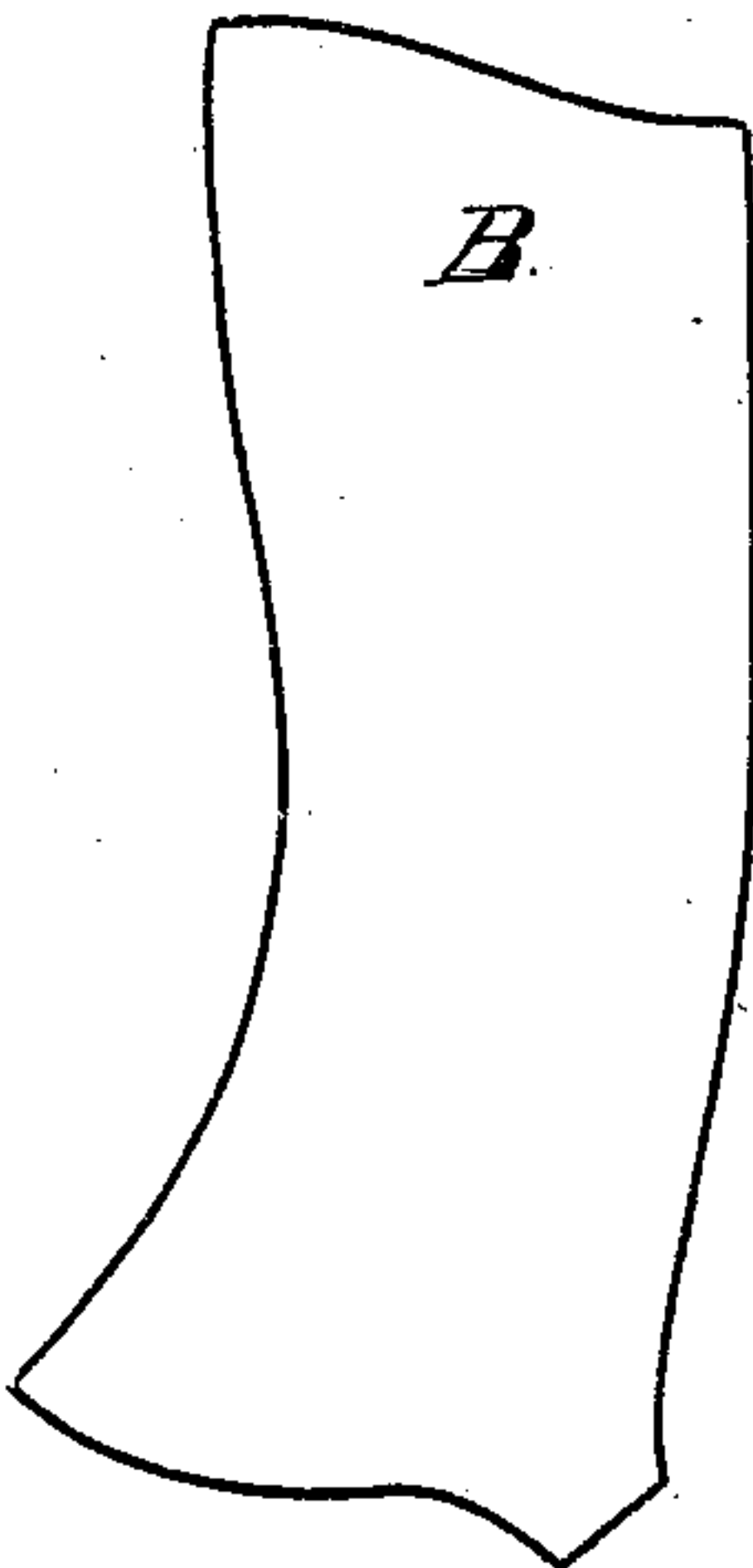


*Fig. 1.*

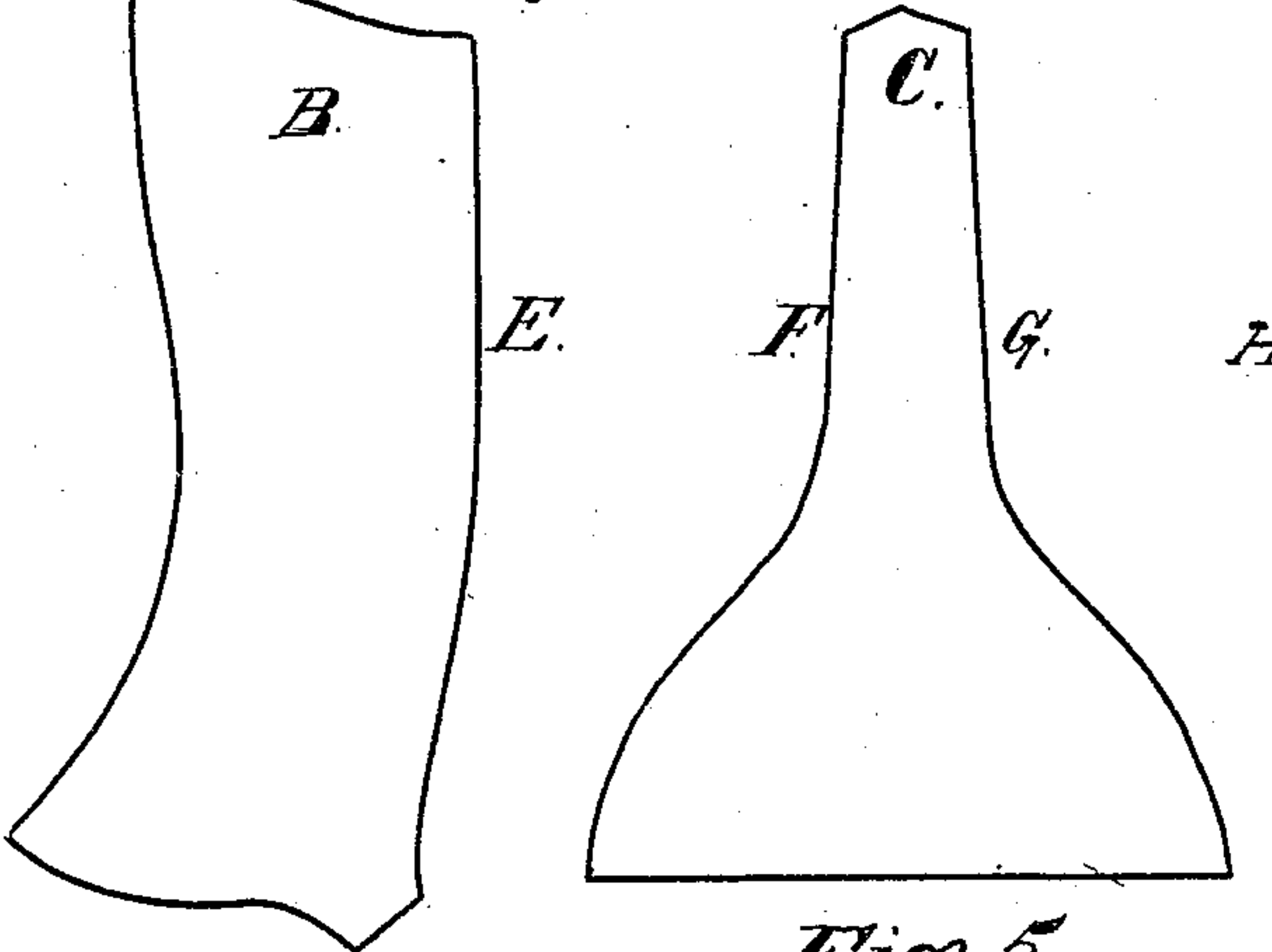


*Fig. 2.*

*Fig. 3.*



*Fig. 4.*



*Fig. 5.*

WITNESSES:

*J. B. Smith*  
*A. Schattenberg.*

INVENTOR:

*Elyah Shaw*

# UNITED STATES PATENT OFFICE

ELIJAH SHAW, OF MILWAUKEE, WISCONSIN.

## IMPROVEMENT IN SHOES.

Specification forming part of Letters Patent No. **177,288**, dated May 9, 1876; application filed March 25, 1876.

*To all whom it may concern:*

Be it known that I, ELIJAH SHAW, of Milwaukee, in the county of Milwaukee, in the State of Wisconsin, have invented certain Improvements in Shoes, of which the following is a specification:

The object of my invention is to make a shoe without a back seam, and at the same time one that can be cut in a more economical way, and fit the foot and ankle better than those previously cut without a back seam.

The quarters or rear part is composed of three pieces, with the back part in such a manner as to form an outside counter, and at the same time give proper curve to the back of the shoe.

The ordinary way of cutting a shoe without a back seam has been to cut the quarter whole, and then crimp it, in order to form the curve of the back, or otherwise cutting a slot and putting in a gore, or cutting a slot on each side and putting in two gores. Any one skilled in the art of cutting shoes will readily see the economy of cutting shoes in this way, and the advantage of the symmetry of the curve of the back of the shoe.

There has always been a great difficulty in

shoes with a back seam in their breaking, and the object of this shoe is to avoid that difficulty, and at the same time cut a shoe more economically than one can be cut with a back seam.

Figure 1 is a view of a shoe made up; Fig. 2, a view of the vamp of a shoe; Fig. 3, a view of one of the quarters, and Fig. 4 a view of another quarter of a shoe; and Fig. 5, a view of the back piece.

A is the shoe; B B, the quarters of a shoe; D, the vamp; C, the back part, forming the quarter when stitched together; E and F, G and H, the sides of the quarter and back piece, which are to be sewed together to form the quarter of a shoe.

I claim as my invention—

The quarters B B, in combination with back piece C, in the form described, so that a shoe may be made of the same in the proper shape without crimping the back piece, substantially as set forth.

ELIJAH SHAW.

Witnesses:

J. B. SMITH,

A. SCHATTENBERG.