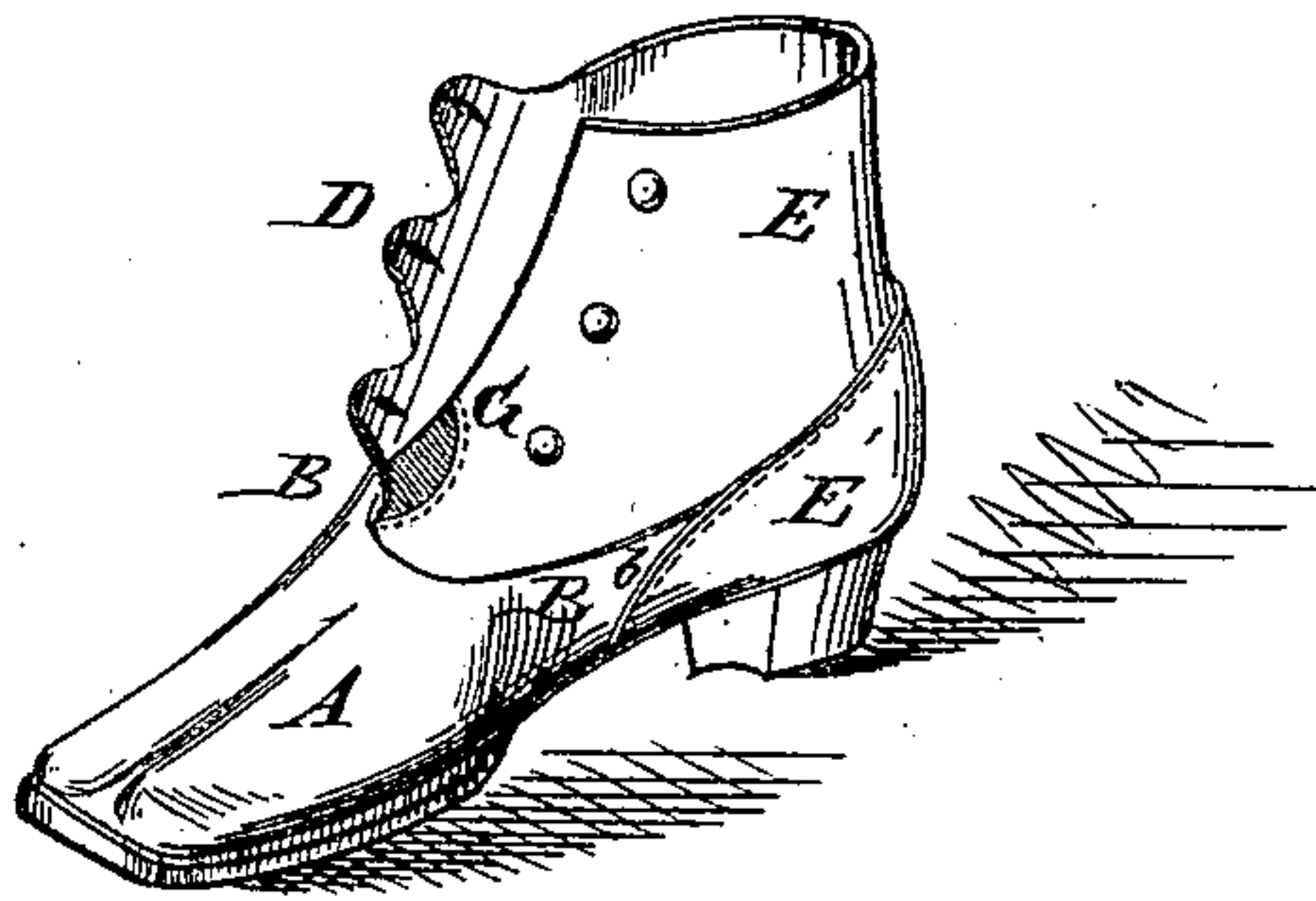


L. GRAF.  
Shoes.

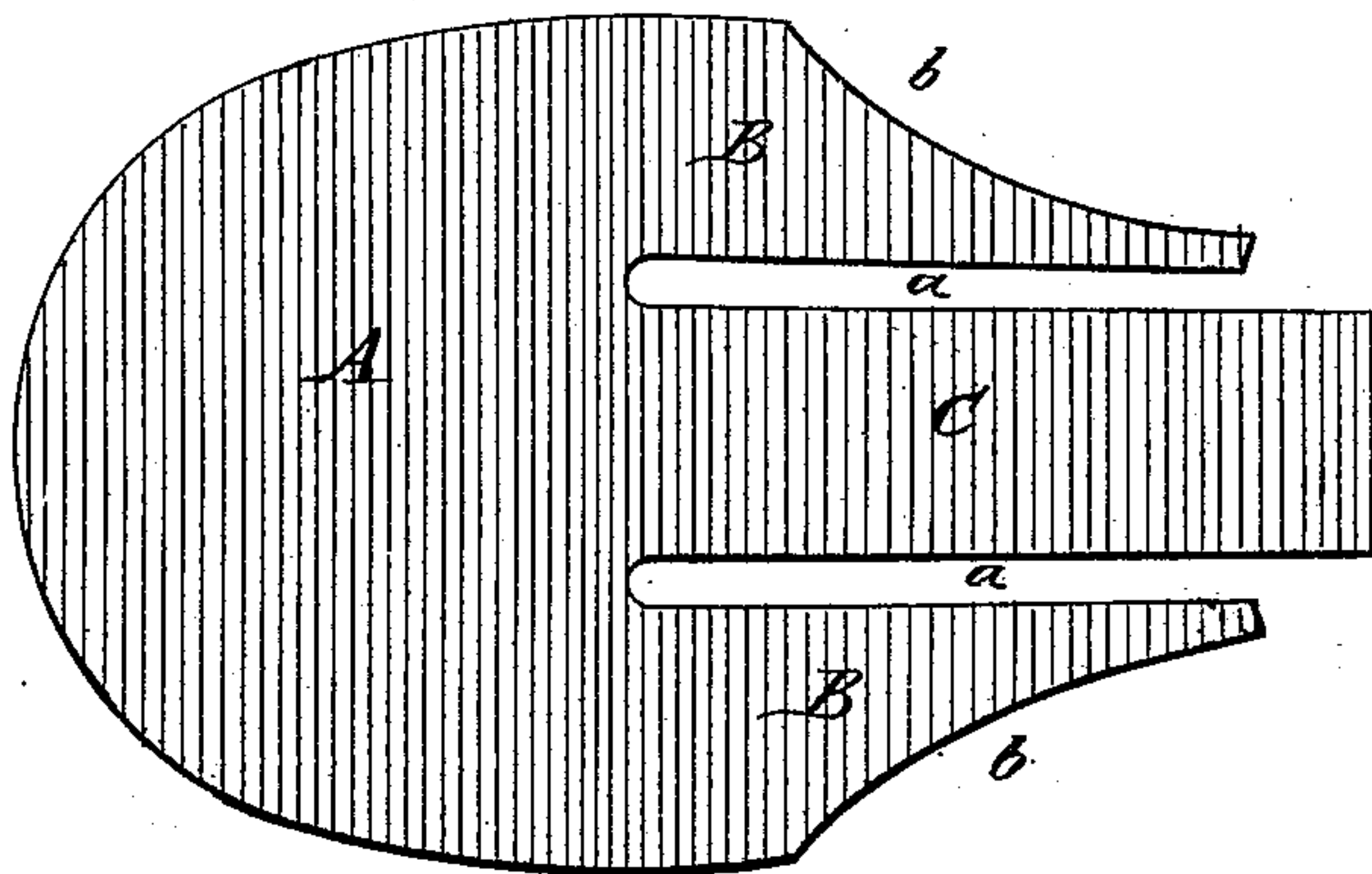
No. 205,542.

Patented July 2, 1878.

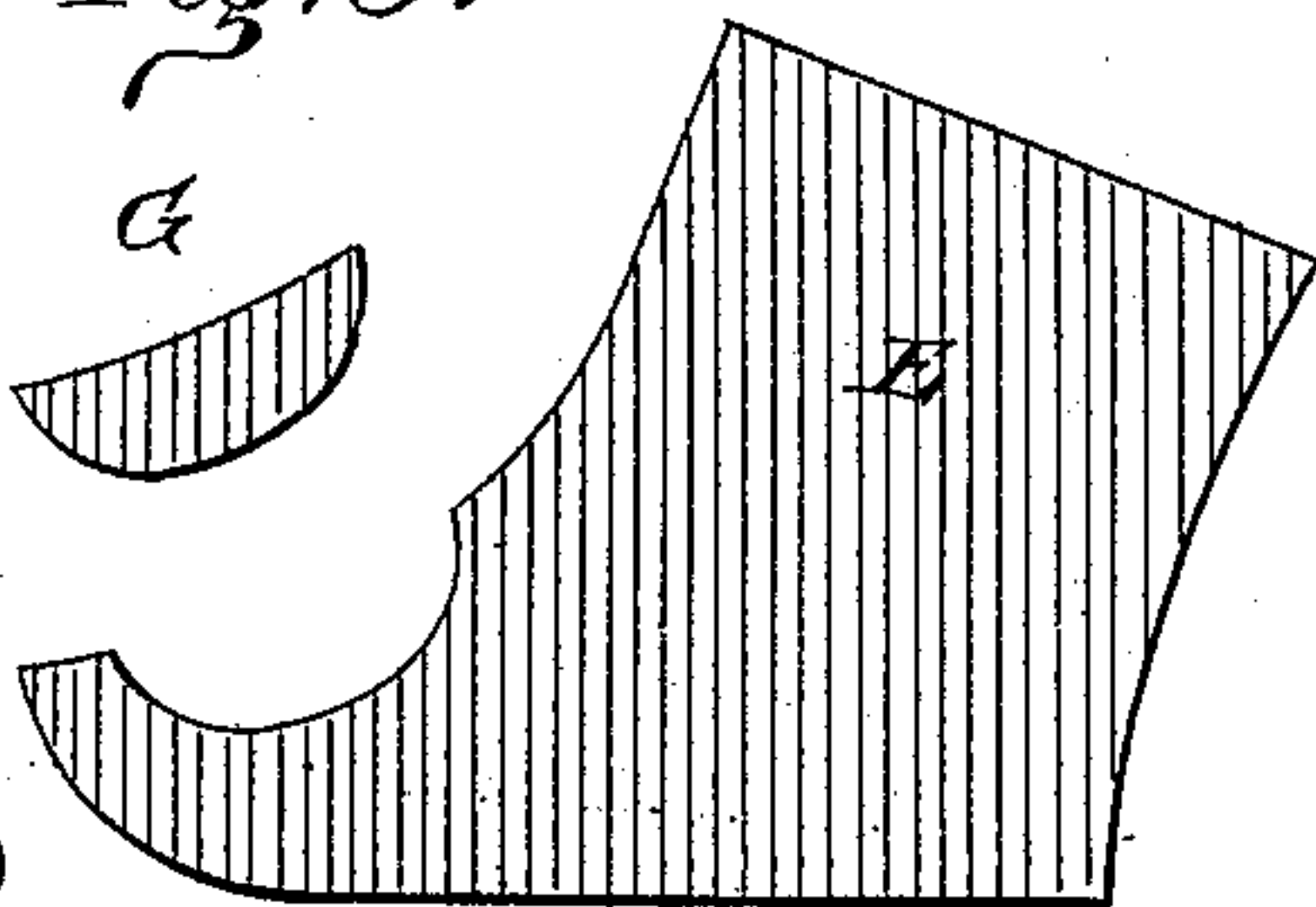
*Fig: 1.*



*Fig: 2.*



*Fig: 3.*



WITNESSES:

Chas. Nida  
J. H. Scarborough

INVENTOR:

L. Graf  
BY Munroe

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

LEOPOLD GRAF, OF NEWARK, NEW JERSEY.

## IMPROVEMENT IN SHOES.

Specification forming part of Letters Patent No. **205,542**, dated July 2, 1878; application filed August 11, 1877.

*To all whom it may concern:*

Be it known that I, LEOPOLD GRAF, of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Men's and Ladies' Shoes, of which the following is a specification:

This invention relates to the manufacture of shoes, especially those known as "gaiters," and which are buttoned or otherwise fastened on the side.

The invention will first be described in connection with the drawing, and then pointed out in the claim.

In the annexed drawing, Figure 1 is a perspective view of my improved shoe, showing the elastic gore and the side flaps turned up. Fig. 2 shows the form of the vamp or upper, heel-piece, and gore.

Similar letters of reference indicate corresponding parts.

The vamp or upper, Fig. 2, consists of a front portion, A, two wings, B B, and an intermediate portion, C, separated by slits *a a*. The portion C extends from the portion A entirely up to the top of the shoe, and has a button-hole flap, D, stitched to it, which buttons over on an upper heel portion, E. This heel portion E is stitched to the upper edges of the wings B B and to the lower heel portion F, to which latter the curved edges *b b* of the

wings B B are stitched. On one side of the shoe the quarter is stitched to one edge of the intermediate portion of the vamp.

Under this construction of a shoe it is necessary to employ means for allowing the shoe to be easily put on the foot, and to fit the same neatly. This is effected by inserting in the quarter E an elastic gore, G. (Shown clearly in Figs. 1 and 3.) This gore will yield in the act of putting the foot in the shoe, and then contract and leave the shoe closely fitting the foot. When the flap D is buttoned or otherwise attached to the quarter E the elastic gore G is not seen.

It is obvious that the vamp can be ornamented by stitching, and that it is not necessary to crimp this vamp, as it will perfectly fit the instep without crimping.

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

As an improvement in the manufacture of boots and shoes, the quarter E, having its lower front corner cut away, as shown and described, to receive the elastic gore-piece G, for the purpose specified.

LEOPOLD GRAF.

Witnesses:

R. T. CAMPBELL,  
JAMES H. HUNTER.