

T. J. GREENWOOD.  
Low-Shoes.

No. 199,639.

Patented Jan. 29, 1878.

FIG. 1.

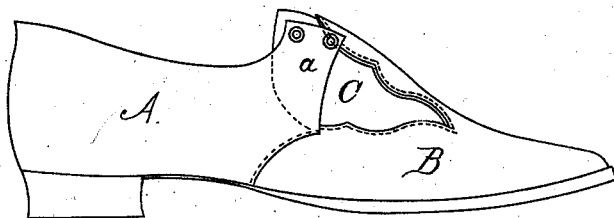


FIG. 2.

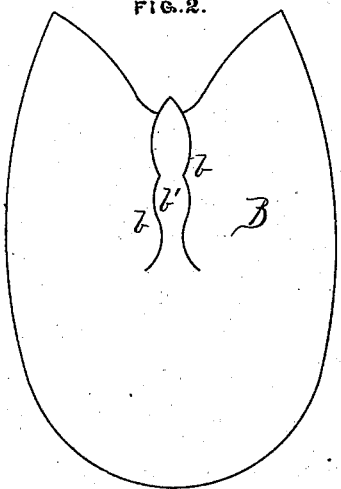


FIG. 4.

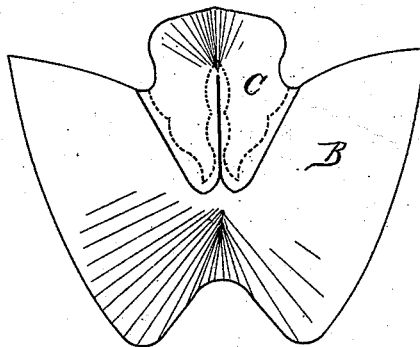
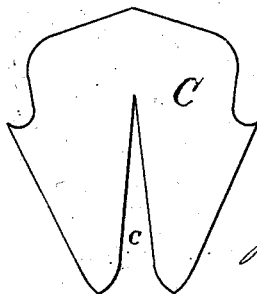


FIG. 3.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

THOMAS J. GREENWOOD, OF WARREN, ILLINOIS.

## IMPROVEMENT IN LOW SHOES.

Specification forming part of Letters Patent No. **199,639**, dated January 29, 1878; application filed December 11, 1877.

*To all whom it may concern:*

Be it known that I, THOMAS J. GREENWOOD, of Warren, in the county of Jo Daviess and State of Illinois, have invented certain Improvements in Low Shoes, of which the following is a specification:

In the accompanying drawings, which form a part of this specification, Figure 1 is a side view of a shoe embodying my improvements. Fig. 2 shows the pattern of the vamp, and Fig. 3 that of the gusset inserted in the vamp. Fig. 4 is a view of the under side of the vamp and gusset as they appear when united.

In said drawings, B represents the vamp of the shoe, and A the quarter thereof. The former is cut after the pattern shown in Fig. 2, or after any usual pattern. It is then severed from the top downward along each of the lines *b b*, one at each side of the central line of the form, without removing any of the stock in the blank. This operation leaves a central tongue, *b'*, between the cuts.

The gusset which I employ with this vamp is designated by C. A pointed portion is cut out at the bottom of the blank, leaving a corresponding opening, *c*. The opposite or upper edge is given such form as may be desired, as it may be made to form the top edge of the completed shoe.

In uniting the vamp and gusset, the edges of the notch or opening *c* in the latter are brought together and stitched to the tongue *b'* in that position, as shown in Fig. 4, while

the wings of the vamp are spread apart, as shown in Figs. 1 and 4, and then stitched to the gusset, the appearance of the parts when thus united being as in the latter figure, wherein the dotted lines indicate the edge of the vamp upon the opposite side. The letter *a* designates one of the tie-flaps.

This manner of cutting and uniting the vamp and gusset enables me to obtain, in a shoe-front constructed from an entire vamp, a curve corresponding to the instep without any crimping of the leather, and at the same time the projecting edge of the gusset is made to hug the ankle as closely as desired. A considerable saving of stock is also effected.

Of course, it will be obvious that the gusset may be formed from two pieces so united as to produce the identical result indicated, and I therefore regard such as no departure from my invention.

I claim—

1. The low shoe the vamp whereof is slit upon the lines *b b*, and combined with the notched and sprung gusset, substantially as set forth.

2. The gusset notched and sprung together, substantially as described, and united with the vamp in its sprung condition, essentially as specified.

THOMAS J. GREENWOOD.

Witnesses:

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FORDE R. SMITH.