

M. M. WHEELER.
Gaiters.

No. 144,173.

Patented Oct. 28, 1873.

Fig. 1.

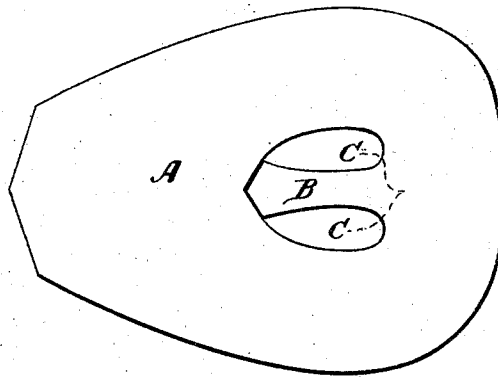


Fig. 2.

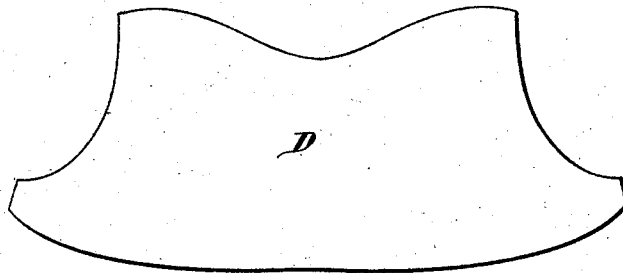
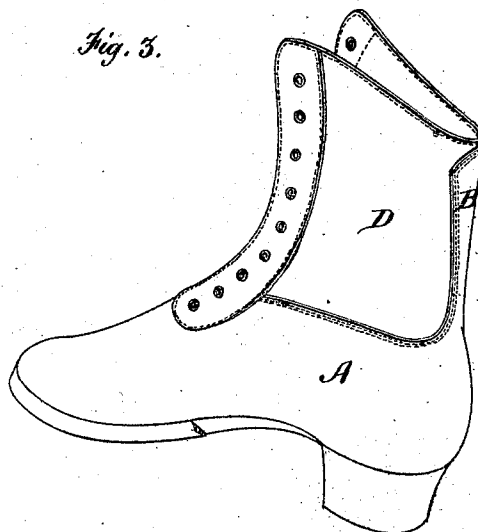


Fig. 3.



Witnesses.
C. F. Brown
M. Hawthorn

Inventor.
M. M. Wheeler.
by his Attys.
Hill & Ellsworth

UNITED STATES PATENT OFFICE.

MORTIMER M. WHEELER, OF GALENA, ILLINOIS, ASSIGNOR OF ONE-HALF
HIS RIGHT TO JAMES JONES, OF DODGEVILLE, WISCONSIN.

IMPROVEMENT IN GAITERS.

Specification forming part of Letters Patent No. **144,173**, dated October 28, 1873; application filed
May 9, 1873.

To all whom it may concern:

Be it known that I, M. M. WHEELER, of Galena, Jo Daviess county, State of Illinois, have invented a new and Improved Gaiter; and I do hereby declare the following to be a full and exact description of the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a view of the blank upper. Fig. 2 is a view of the blank leg, and Fig. 3 is a perspective view of the gaiter.

Similar letters of reference in the accompanying drawing represent the same parts.

This invention is an improvement on my patent of February 25, 1873, No. 136,293, for cutting the uppers of boots and shoes, and its object being to produce a gaiter in which the leg shall be cut in one piece, and thus be without a seam at the back, and additionally strengthened at that point by means herein-after described; and to this end it consists in the combination of an upper cut in one piece, in the same general form as that described in my patent above mentioned, with a leg also cut in one piece, the upper having a tongue of leather, which is turned up and sewed to the back of the leg to strengthen and stiffen it, as I will now proceed to describe.

In the drawings, A represents the upper, cut in the same general form as that in my former patent, except as regards the opening for the foot, which, in the former case, was cut in the form of an oblate spheroid, separated from the upper at the front edge, and turned under to form the counter. In the present case, I cut the opening in such manner as to leave a tongue, B, projecting from the heel a suitable distance toward the toe, said tongue being entirely severed from the upper at both sides

and at its forward end, and connected only at the heel, the leather being cut out at each side of the tongue, so that, when the latter is turned up, an orifice, C, of suitable size, is left in the upper. D represents the leg, cut in a single piece, the lower edge of which is so curved as to conform to the sides of the orifice, C, of the upper, while its sides E and upper edge F are adapted, respectively, to form the front and top of the leg. After the upper is suitably lasted and the leg properly trimmed, the lower edge of the latter is sewed to the edges of the orifice C on the inner side, the tongue B projecting upward along the back of the leg to the top, and being securely stitched thereto, as shown in Fig. 3. By this means the gaiter is formed without a seam at the back either of the heel or leg, while the tongue B, which is cut without waste, strengthens and stiffens the back of the leg.

It is well known that gaiters, as ordinarily manufactured, are liable to rip and break at the back seam of the leg, particularly at that part where the latter is sewed to the heel. My device obviates all such difficulty.

Having thus described my invention, what I claim as new is—

The seamless piece D, in combination with the upper A, made in one piece, and provided with an opening and with a tongue at its heel, said tongue being turned up and sewed to the seamless leg-piece to stiffen and strengthen it, substantially as described.

The above specification of my invention signed by me this 5th day of April, 1873.

MORTIMER M. WHEELER.

Witnesses:

FRANK SMITH,
CHAS. E. SMITH.