

E. R. Ware,
Gaiter.

No. 113,119.

Patented Mar. 28. 1871.

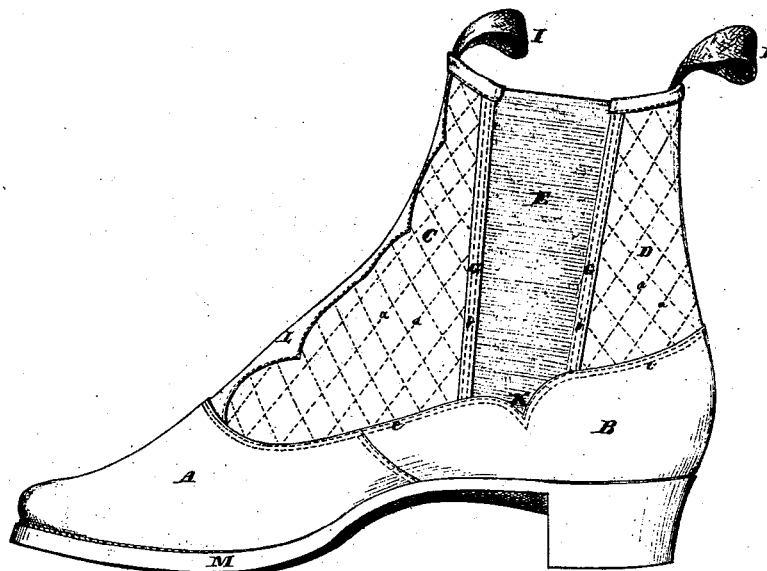


Fig. 1

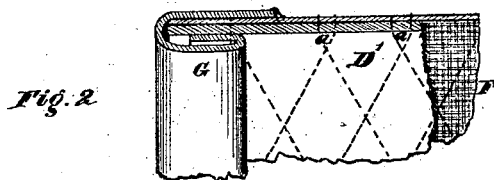


Fig. 2

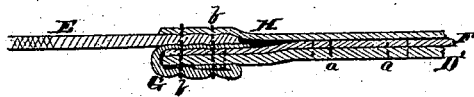


Fig. 3

Witnesses

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EDMUND R. WARE, OF WORCESTER, MASSACHUSETTS, ASSIGNOR TO WILLIAM A. S. SMYTH AND ROBERT L. SMYTH, OF SAME PLACE.

Letters Patent No. 113,119, dated March 28, 1871.

IMPROVEMENT IN MEN'S GAITERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, EDMUND R. WARE, of the city and county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Men's Gaiters; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing which forms a part of this specification, in which—

Figure 1 represents a side view of my improved gaiter.

Figure 2 represents a portion of the quilted top, showing the manner of attaching the seam re-enforce.

Figure 3 represents a section of the seam which joins the quilted top to the elastic gore piece.

To enable those skilled in the art to which my invention belongs to make and use the same, I will proceed to describe it more in detail.

The nature of my invention consists in certain improvements in men's gaiters, as will be hereafter fully described.

In the drawing—

The part marked A represents the vamp;

B, the quarter;

C, the front top piece;

D, the rear top piece; and

E, the elastic gore.

The vamp A and quarter B may be made from any suitable kind of leather, as preferred.

The front and back top pieces C and D are formed of woolen cloth quilted to the outside of pieces of Russia linen, in the manner shown in the drawing.

In figs. 2 and 3—

D' indicates the woolen cloth;

F, the Russia linen; and

a, the quilting seams.

The use of the Russia-linen backing F and the quilting seams a render the top pieces firm and stiff, so that the cloth will not stretch out of shape or become wrinkled by wear, as is the case with the ordinary cloth tops of gaiters.

The back and front top pieces C D are furnished at the edges, which come next to the elastic gore-pieces E, with a binding or re-enforce, G, of soft leather, stitched to the edges of said pieces, and turned back at the inner side, and hemmed onto the linen backing F, as indicated in fig. 2.

The bindings or re-enforces are set on after the pieces are quilted, but before they are joined to the other parts of the gaiter.

When the parts are to be joined the edges of the elastic gore-pieces E are arranged between the quilted top pieces and their linings H, as indicated in section, fig. 3, and they are there secured by stitching through the several parts, as seen at b b, with one or more seams, as desired.

The stitches of the seams b bed themselves into the leather of the bindings or re-enforces G, which

latter serve as spring-cushions for the stitches, and thereby render the seams much more elastic than they otherwise would be, consequently the edges of the gores E are held securely in a very perfect manner, as they are not liable to tear out or break away by the cutting influence of the thread, neither is the thread of the stitches liable to become broken, and thereby cause the ripping of the seam.

The bindings or re-enforces G form a good finish for the edges of the top pieces, and also serve to guard and protect the seams b b and gore-pieces E from wear by the striking of one gaiter against the other in walking.

The top pieces C D are joined to the vamp A and quarter B by the seams c, and loops I I are attached at the upper part of said pieces to facilitate the operation of drawing on the gaiter.

A depression or scallop, K, is formed in the upper edge of the quarter B, at its junction with the lower end of the elastic gore E, as indicated in fig. 1.

This scallop K permits of the stretching or expanding of the elastic gore E while drawing on the gaiter, without tearing or straining the edge of the quarter, as is often done when the quarters are cut straight in the ordinary manner.

The scallop K also allows the edge of the quarter to roll outward as the ball of the foot passes that point in putting on or taking off the gaiter, so that the latter operation can be performed with much greater ease and convenience than with gaiters of the ordinary construction, wherein the top of the quarters is cut straight.

A re-enforce, L, may be arranged over the instep seam, as shown, or otherwise, while the bottom or sole M may be constructed and attached in any well-known form or manner.

The woolen fabric of the top pieces C and D is in this instance quilted to the Russia linen F by diagonal seams, which cross each other so as to form a diamond pattern; but any other pattern can be quilted into the tops with plain or colored silk or thread, so as to render them more or less ornamental, as desired.

Having described my improvements in men's gaiters,

What I claim therein as new and of my invention, and desire to secure by Letters Patent, is—

1. A gaiter or boot, composed of the leather uppers A B, elastic gores E, and double-quilted front and back top pieces C D, arranged substantially as described, and for the purposes set forth.

2. The outside seam re-enforces and protecting pieces G, applied to the back and front top pieces C D, and the elastic gore-pieces E, as and for the purposes set forth.

Witnesses:

J. J. HOLDEN,
HENRY WHITE.

EDMUND R. WARE.