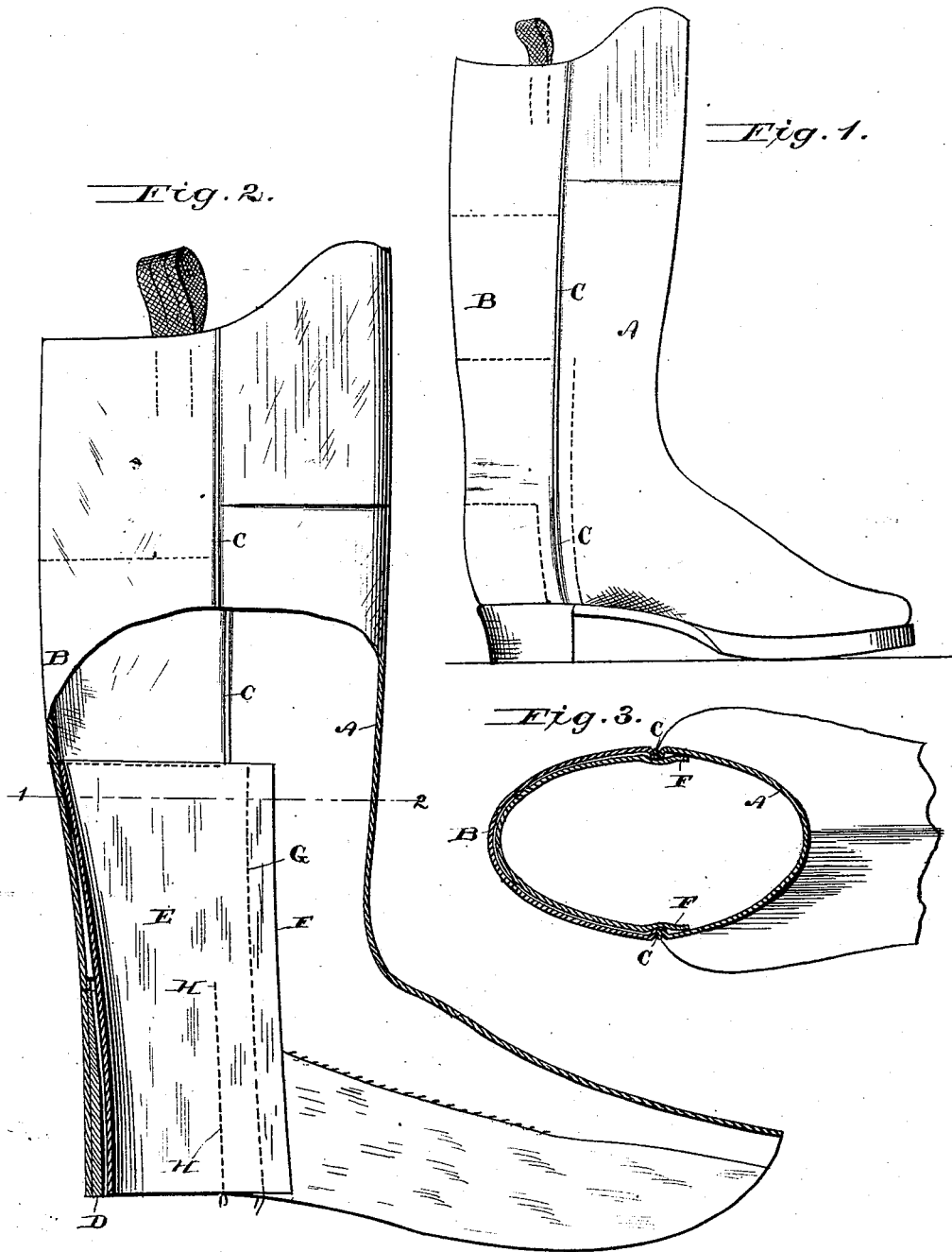


W. R. MILLER & M. R. CREIGHTON.
 Manufacture of Boots.

No. 204,068.

Patented May 21, 1878.



Attest:
 H. L. Pennell.
 Albert M. Aug.

Wm R. Miller.
 Miller R. Creighton.
 Inventors.

By *H. J. Hobbs*
 Atty.

UNITED STATES PATENT OFFICE.

WILLIAM R. MILLER AND MILLER R. CREIGHTON, OF BALTIMORE, MD.

IMPROVEMENT IN MANUFACTURE OF BOOTS.

Specification forming part of Letters Patent No. 204,068, dated May 21, 1878; application filed May 6, 1878.

To all whom it may concern:

Be it known that we, WM. R. MILLER and MILLER R. CREIGHTON, of Baltimore, in the county of Baltimore and State of Maryland, have invented certain new and useful Improvements in the Manufacture of Boots; and we do hereby declare that the following is a full, clear, and exact description thereof.

This invention relates to certain improvements in the manufacture of boots; and the invention consists in a counter-protector extending over the eye-seams and attached to the "front" in front of them, all of which will be hereinafter more fully set forth.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and arrangement, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is a side elevation of a boot, showing the outside of the seams of the counter-protector. Fig. 2 is a section through the upper and counter-protector, and Fig. 3 is a section taken on line 1 2 of Fig. 2.

In the accompanying drawing, A denotes the front, and B the back, which are secured together in the usual manner by eye-seams C. The boot is provided with the usual heel-stiffener or counter D. (Shown in Fig. 2 of drawing.)

To the inside of the back B is secured one end of a protector, E, which extends from a point about half-way up the boot-leg, where it is stitched to the back down to the bottom of the stiffening or counter D, and is turned under the heel with the counter.

The sides F of the protector E extend to points in front of the eye-seams C, as shown in Figs. 2 and 3 of drawing, and are there secured by single rows of stitching G.

The usual row of stitches H extending from the heel to the top of the counter is run up back of the seam C, and passes through the back B and counter D and the counter-protector E.

By this construction the protector E serves to retain the top of the counter in place and prevents it from being torn from the back, and gives additional support to the counter and prevents it from being broken down. It also stiffens the sides and strengthens the eye-seam, which prevents creasing or wrinkling around the ankles when the boots are wet, which are important features in the coarse, rough boots to which this invention is applicable.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

A counter-protector, as hereinbefore described, extending from a point in front of one eye-seam over the seams to a point in front of the opposite eye-seam, substantially as shown and described.

In testimony that we claim the foregoing as our own we affix our signatures in presence of two witnesses.

WM. R. MILLER.
MILLER R. CREIGHTON.

Witnesses:
H. B. BROWN,
ALBIN M. LONG.