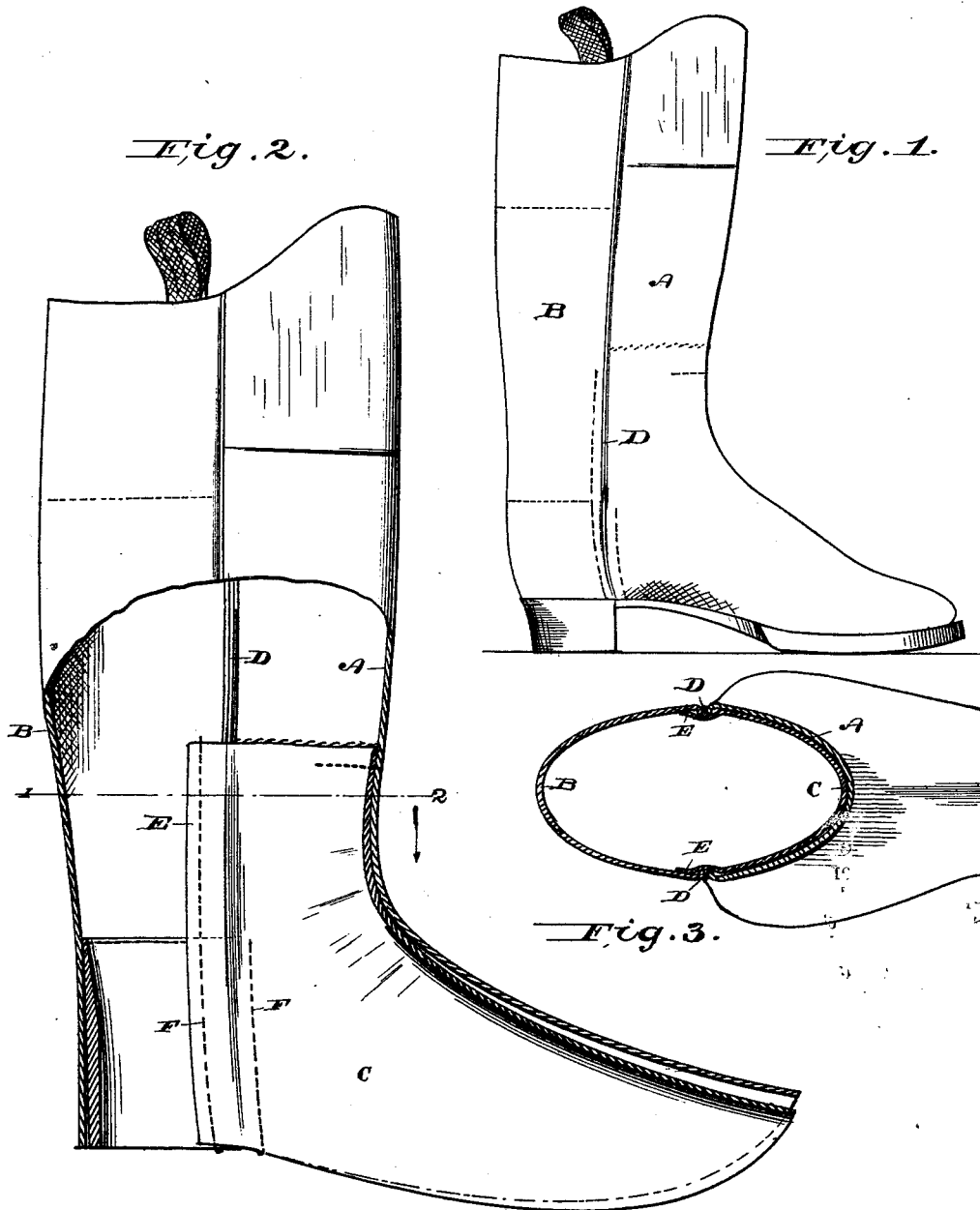


J. J. HURST & W. R. MILLER.
 Manufacture of Boots and Shoes.

No. 204,330.

Patented May 28, 1878.



Attest:
 H. L. Perrine,
 Alvin M. Long

John J. Hurst.
 W^m R. Miller
 Inventors.
 By H. J. Abbott
 Atty.

UNITED STATES PATENT OFFICE.

JOHN J. HURST AND WILLIAM R. MILLER, OF BALTIMORE, MARYLAND.

IMPROVEMENT IN MANUFACTURE OF BOOTS AND SHOES.

Specification forming part of Letters Patent No. **204,330**, dated May 28, 1878; application filed May 15, 1878.

To all whom it may concern:

Be it known that we, JOHN J. HURST and WM. R. MILLER, of Baltimore, in the county of Baltimore and State of Maryland, have invented certain new and useful Improvements in the Manufacture of Boots and Shoes; 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 boot provided with a double front, constructed and secured in place, as 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 drawings, which form a part of this specification, and in which—

Figure 1 is a side elevation of a boot provided with our inner front, showing the same as it appears on the outside of the boot. Fig. 2 is a view, partly in section, showing an inside of part of the lining. Fig. 3 is a cross-section taken on line 1 2 of Fig. 2.

A denotes the front or vamp of a boot, and B the back. To the inside of the vamp, a suitable distance above the crimped portion of the ankle, a lining, C, is attached by a row of stitches, and is coextensive with the vamp below this point, and is turned under the sole and secured thereto with the vamp. While the vamp is attached to the back by means of the ordinary seams D D, the lining passes

over the seams a short distance upon the back, and is there fastened upon either side by means of a row of stitching, E E, as shown in Figs. 2 and 3 of drawing.

This lining may be made of one or more pieces, as desired, and may be made of any suitable material, or may extend as far up the vamp as desired.

This device is particularly applicable to heavy boots for use in water and snow, or elsewhere where an unusually tight boot is required, rendering more than one thickness necessary.

By passing the lining over the seam D and attaching it to the back that seam is not impaired, as it would be were the lining included in it, and the consequent stiffness of that seam is avoided, and the strain upon the principal side seams materially decreased.

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

The lining for the front of boots, hereinbefore described, extending back of the seams D D, and attached to the back or counter of the boot or shoe by a separate seam, all substantially as shown and described.

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

JNO. J. HURST.
WM. R. MILLER.

Witnesses:

S. C. TALL,
JOHN W. TAYLOR.