

*J. J. Christian,
Boot Ventilator,*

N^o 57,289.

Patented Aug. 21, 1866.

Fig 1.

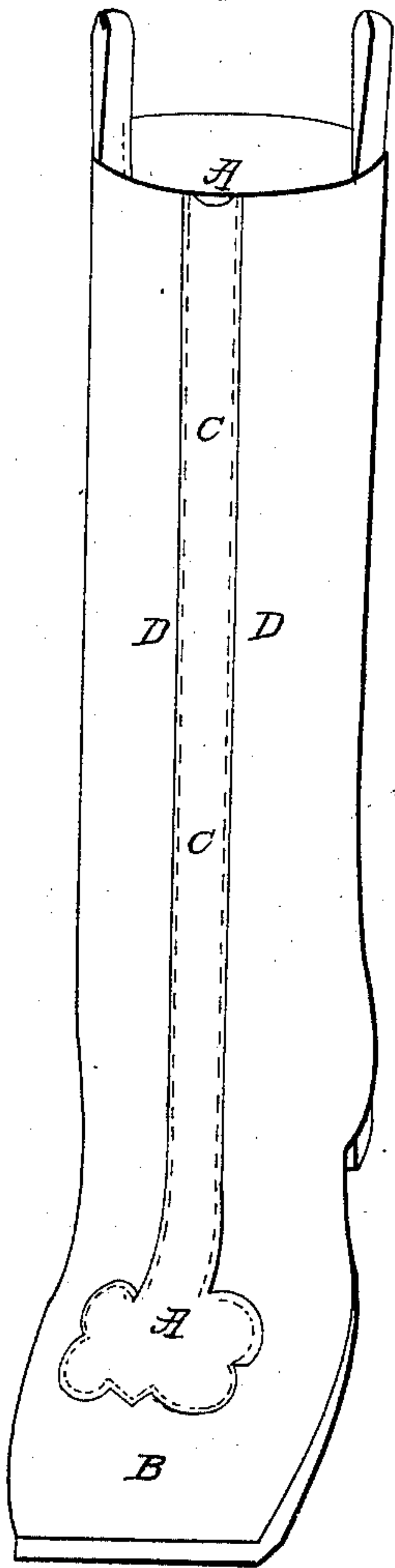
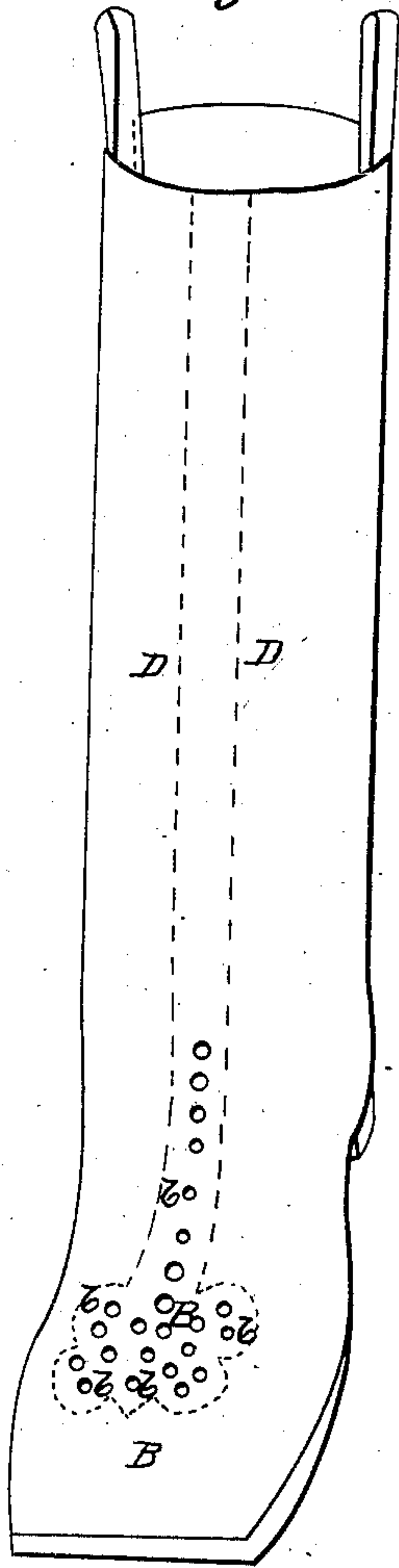


Fig 2.



Witnesses;

*J. G. Morgan
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Inventor;

John J. Christian

UNITED STATES PATENT OFFICE.

JOHN J. CHRISTIAN, OF YONKERS, NEW YORK.

IMPROVEMENT IN MANUFACTURE OF BOOTS.

Specification forming part of Letters Patent No. 57,289, dated August 21, 1866.

To all whom it may concern:

Be it known that I, JOHN J. CHRISTIAN, of the village of Yonkers, in the county of Westchester, in the State of New York, have invented certain new and useful Improvements in Ventilating Boots; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a front view of a boot in a complete or finished state. Fig. 2 shows the view of the same with the holes in the front and instep uncovered by the cap which forms the ventilating-tube.

The object of my invention is to admit air to the instep and ventilate the feet when long boots are worn, and allow the perspiration and heat to escape outside of the boot-leg in front.

My invention consists in making a series of holes in the vamp or upper-leather on the instep and up in front of the boot-leg, and then covering the same with another piece of thin leather cut in such form and stitched onto the instep so as to be ornamental, the same piece forming a narrow strip, extending up to the top or any desired height, so secured to the front of the boot-leg as to form a tube or air-passage to and from the foot without the possibility of admitting water.

To enable others skilled in the art to make and use my invention, I will describe it more fully, referring to the drawings and to the letters marked thereon.

On the top of the upper B, below and on the instep, I make a series of perforations or small holes, *b b b*, as seen in Fig. 2, which may extend, in one or more rows upon the front of the boot-leg, to any desired height.

The holes *b b b b* may be made in such numbers and of such size as most desirable to effect the purpose, and they may be made in such a position relative to each other as to form a figure or design. Over the perforations or holes *b b b b* I stitch a piece of thin patent-leather, A, or other equivalent substance, in such manner that it will not press upon the upper B, but lie up loose, so as to leave a space between it and the leather under it that surrounds the perforations.

The cap A may be cut and stitched on so as to form any ornamental design or configuration on the top of the vamp and instep of the boot, it having a long strip of the same, C C, extending to the top of the boot-leg, or so far up as may be desirable for the purpose, the strip of leather C C being stitched or secured to the front of the boot-leg D D, so as to leave an air passage or tube in front, as seen at A' in Fig. 1.

Boots may be made of india-rubber for wading in water and other purposes, the ventilating cap and tube being cemented, so as to be water-tight, which may be worn without confining the perspiration, which is so unwholesome.

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

The arrangement of the ornamental cap A, vamp or upper-leather B, in combination with the perforations *b b b*, strip C C, forming an air-passage, substantially as and for the purpose herein set forth.

JOHN J. CHRISTIAN.

Witnesses:

JAMES G. MORGAN,
J. A. PALMER.