

(No Model.)

W. HUGHES.

UPPER.

No. 345,141.

Patented July 6, 1886.

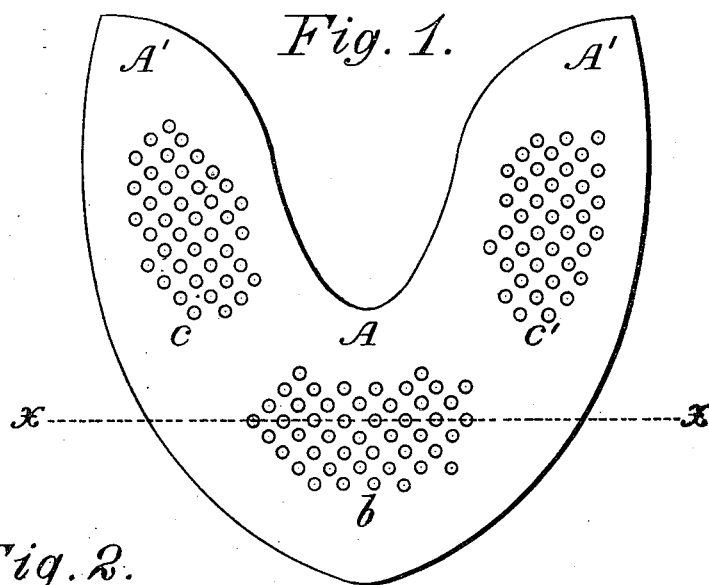
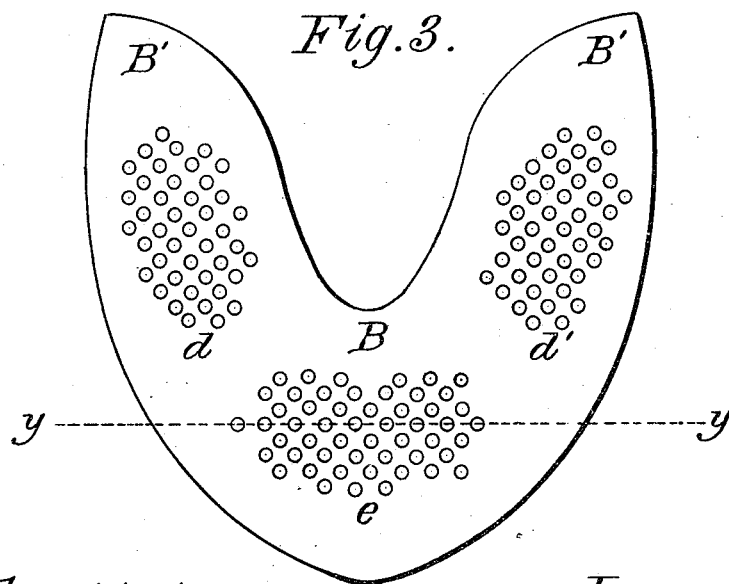
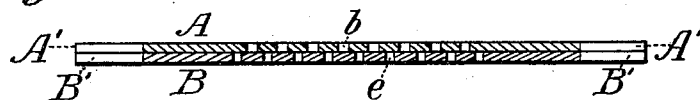


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

WILLIAM HUGHES, OF AUBURN, NEW YORK.

UPPER.

SPECIFICATION forming part of Letters Patent No. 345,141, dated July 6, 1886.

Application filed May 3, 1886. Serial No. 200,927. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM HUGHES, of the city of Auburn, New York, have invented certain new and useful Improvements in Up-
pers, of which the following is a full and exact description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figures 1 and 3 are plan views of the outer and inner portions of the upper, respectively; and Fig. 2 is a sectional view upon the lines *x x* of Fig. 1 and *y y* of Fig. 3.

The object of my invention is to make a circulation of air around the foot within the boot or shoe, so that the foot may be kept dry from perspiration. This object I accomplish by the use of the within-described boot or shoe upper, which is of ordinary exterior form, and is composed of an exterior part, *A A' A'*, of leather, and an interior part or lining, *B B' B'*, of cloth or canvas. Through the front parts, *b* and *c*, of the parts of the upper are pierced small holes in such alternate position as is indicated by Fig. 2, and a similar arrangement of small holes is made upon each side of the upper, as shown at *c* and *c'*, Fig. 1, and *d* and *d'*, Fig. 3.

The alternate arrangement of the ventilating-openings prevents dust, &c., from getting

into the boot or shoe, and, as the instep rises slightly when the foot is raised from the ground in walking, air will be drawn inward through these orifices and expelled when the foot is pressed upon the ground. By this means the interior of the boot or shoe is effectually ventilated, and the foot is always kept free from the accumulated moisture of perspiration.

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

1. As an article of manufacture, an upper composed of two layers or parts, and provided with ventilating-apertures in each of said layers or parts, arranged alternately, substantially as shown and described.

2. As an article of manufacture, an upper consisting of two layers or parts, each of which is provided with three sets or series of ventilating-apertures, two of which are situated along the side of the instep and the other over the toes, said apertures being alternately arranged, substantially as described.

WILLIAM HUGHES.

Witnesses:

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