

(No Model.)

T. HAWLEY.  
VENTILATED SHOE.

No. 264,409.

Patented Sept. 12, 1882.

Fig. 1.

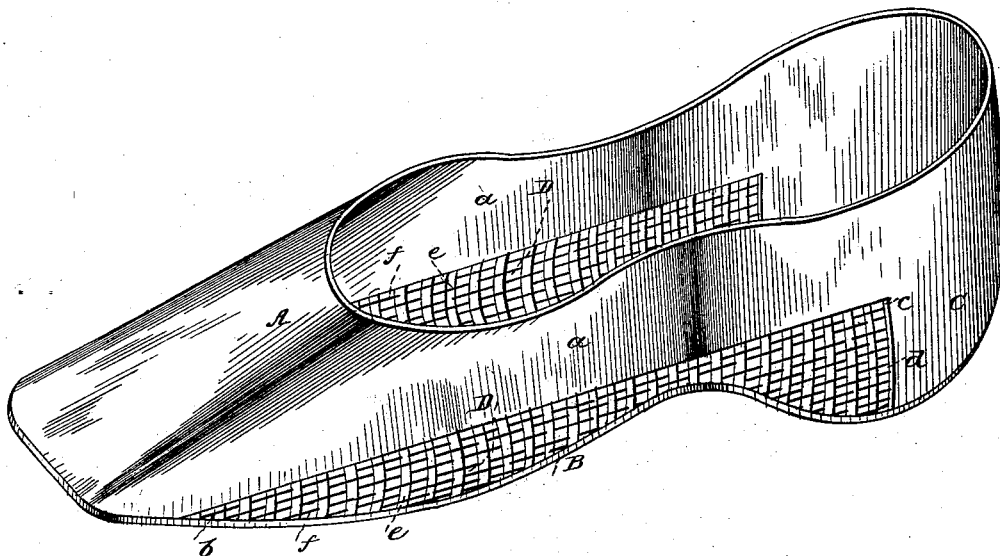


Fig. 2.

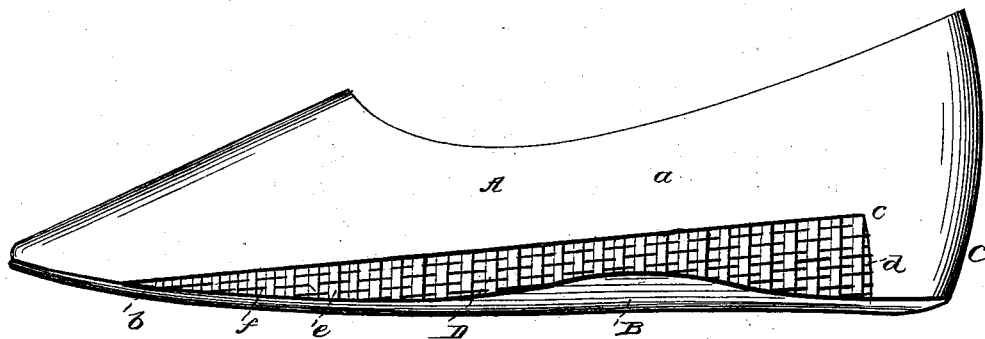
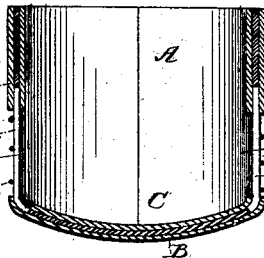


Fig. 3.



WITNESSES:

*Frederick Dietrich*  
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INVENTOR.  
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# UNITED STATES PATENT OFFICE.

THEODORE HAWLEY, OF FAIRFIELD, CONNECTICUT, ASSIGNOR OF ONE-HALF TO EDWARD W. HARRAL, OF SAME PLACE.

## VENTILATED SHOE.

SPECIFICATION forming part of Letters Patent No. 264,409, dated September 12, 1882.

Application filed August 5, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, THEODORE HAWLEY, of Fairfield, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Ventilated Shoes; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved ventilating-shoe. Fig. 2 is a side view of the same, and Fig. 3 is a cross-section thereof.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to shoes or footwear made of cloth, leather, or similar material; and it consists in the introduction of a web of strong netting or similar porous material between the sole and the sides and vamp, as well as in any other portion of the shoe, extending from the heel forward to the toe, substantially as hereinafter more fully shown and described.

In the accompanying drawings, the letter A represents the body of the shoe, which is made of rubber cloth or any other material, and by preference lined inside with canton-flannel or other soft material.

B is the sole, which may be either stitched to the body A or cemented thereto, as desired. The sides *a a* of the shoe are cut away, commencing near the toe at *b*, in a straight and gradually-rising line, back to the point *c*, near the heel, and then cut down at right angles, as shown at *d*, so as to have the heel part C

intact. In the opening thus formed is inserted a piece of netting or any other porous fabric, D, cut of a corresponding shape, which should be of sufficient stiffness to maintain the shape of the shoe without collapsing. To accomplish this end the vertical strands or cross-strands *e* of the netting, which connect the parts A and B, may be made thicker and stiffer than the longitudinal strands *f*, which run from heel to toe. The netting or porous material D is inserted between the fabric of which the shoe is made and its lining, and is held in place by stitching or cementing.

In this manner I produce a light, inexpensive, and easy-wearing shoe, giving the air free access to all parts of the foot and thus effectually preventing sweating. When used in bathing the water has free ingress to the foot, and will as readily drain out again when the bather steps on dry land.

I claim and desire to secure by Letters Patent of the United States—

As an article of manufacture, a shoe, made of rubber cloth or any other material, having the part between the sides or body A and the sole B cut away on one or both sides from the toe to the heel and a piece of stiff netting or other suitable porous material, D, inserted into the openings thus formed and adapted by its stiffness to maintain the proper shape of the shoe, substantially as shown and set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

THEODORE HAWLEY.

Witnesses:

JAMES O. BURR,  
DANIEL MOLONEY.