

R. SOMMERVILLE.

Boots and Shoes.

No. 134,225.

Patented Dec. 24, 1872.

Fig. 1.

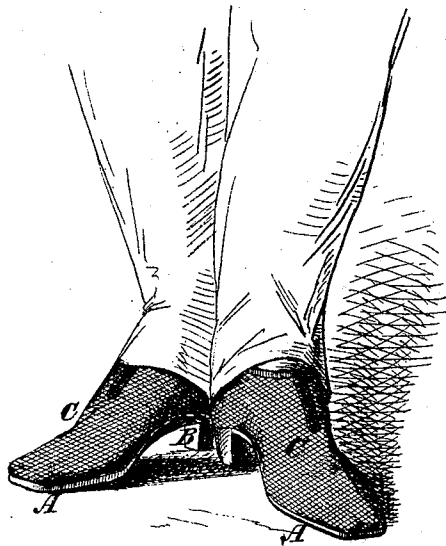
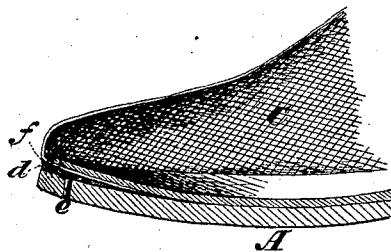


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

ROBERT SOMMERVILLE, OF SANDUSKY, OHIO.

IMPROVEMENT IN BOOTS AND SHOES.

Specification forming part of Letters Patent No. 134,225, dated December 24, 1872.

To all whom it may concern:

Be it known that I, ROBERT SOMMERVILLE, of Sandusky, in the county of Erie and State of Ohio, have invented a new and useful Improvement in Metallic Uppers for Shoes and Boots, of which the following is a specification:

This invention consists in the use of wire-gauze "cloth" for the "uppers" of boots and shoes.

In the accompanying drawing, Figure 1 represents shoes with the uppers made of wire-gauze; and Fig. 2 is a section of a portion of the shoe, showing the mode of attaching the parts together.

Similar letters of reference indicate corresponding parts.

A is the sole, which is made of leather in the usual manner. B is the heel, also of leather, and attached in the usual manner. C is the "upper," of wire-gauze, which is used in the place of leather.

This wire-gauze may be made of any suitable metal, but I prefer to make it of brass or copper wire, as, when made of these metals, it is pliable and yields readily to the form of the last, and may be more readily fastened to the sole.

In this example of my invention I attach the metallic "upper" to the sole by means of a strip of thin metal fastened to the top of the sole by nails or screws, and then soldering the upper to that piece. *d* is this strip of metal, which extends all around the sole. *e* is one of the screws or nails, and the black line *f* represents the solder.

But I do not confine myself to any particular mode of fastening the metallic "upper" to the sole. It may be done by sewing or pegging, as in ordinary boots and shoes.

My invention consists in substituting a metallic fabric for leather.

The principal advantage of this shoe is, it gives the foot free ventilation, and is sufficiently pliable to allow free action to the foot.

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

A shoe or boot with the upper made of metallic wire-gauze B, substantially as shown and described.

ROBERT SOMMERVILLE.

Witnesses:

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