

R. McCAMMON.
 Boot and Shoe Back Protectors.

No. 218,993.

Patented Aug. 26, 1879.

Fig. 1.

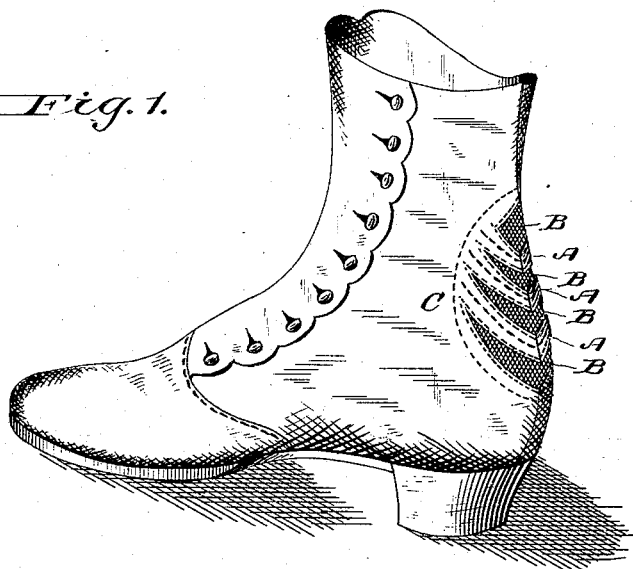


Fig. 2.

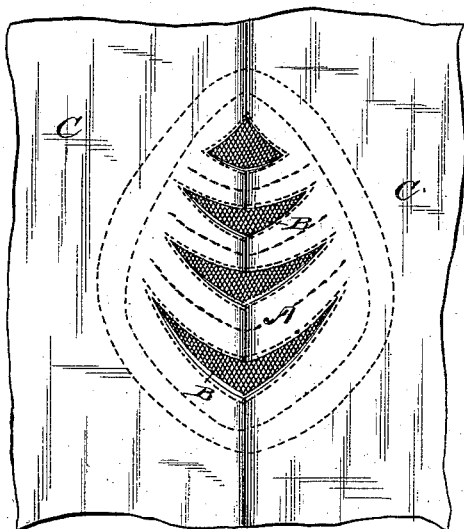
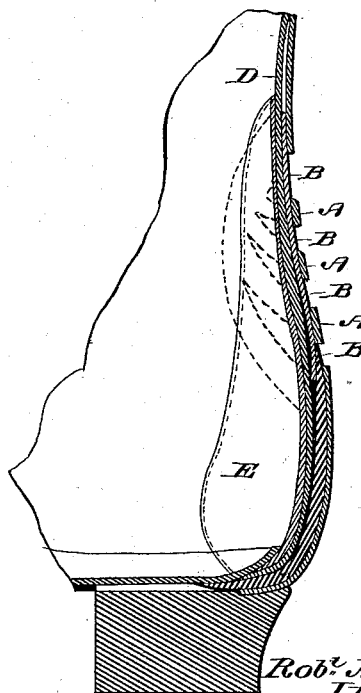


Fig. 3.



Attest.
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 Inventor.
 By *H. J. Abbott,*
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UNITED STATES PATENT OFFICE.

ROBERT McCAMMON, OF SALEM, OHIO.

IMPROVEMENT IN BOOT AND SHOE BACK PROTECTORS.

Specification forming part of Letters Patent No. **218,993**, dated August 26, 1879; application filed July 22, 1879.

To all whom it may concern:

Be it known that I, ROBT. McCAMMON, of Salem, in the county of Columbiana and State of Ohio, have invented certain new and useful Improvements in Boot and Shoe Back Protectors; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification, in which—

Figure 1 is a perspective of the shoe with my invention applied thereto; Fig. 2, a rear view of the shoe-quarter with protector, and Fig. 3 a vertical section through quarter and protector.

My invention relates to boots and shoes; and it consists in the construction of the shoe and the combination of parts hereinafter particularly described.

In use a boot or shoe wrinkles more or less in the back, and in time the leather composing the shoe will break where these wrinkles are formed, by reason of the folds of leather rubbing against one another.

Shoes have been constructed with a view to prevent this breaking, and my invention seeks the same end by improved means.

In carrying out my invention I make a series of crescent-shaped incisions across the quarter of the shoe, above the counter, by slitting or by cutting pieces out of the material composing the quarter. I next stitch or otherwise secure a piece of cloth, felted goods, or textile fabric other than rubber goring, B, to the quarters C and to strips A from the inside of the shoe, usually between the material composing the back and the lining, as shown in Fig. 3.

The cloth B is pliable, and strong, and durable, and the shoe with it in the back can be kept any length of time without the strength of the cloth becoming impaired; whereas if rubber gore were used for the purpose it would, if the shoes be kept in stock for any length of time, become rotten to such an extent as to seriously impair the marketable value of the shoe.

Another material feature of my invention is

the strips A, usually of the same material composing the quarter of the shoe, which strengthen the back of the shoe and prevent the cloth from sagging.

In order to most effectually prevent the back of the shoe from breaking, the cloth should be extended some distance up the same, and when such is the case, unless it be in some way supported between the two ends, it is very liable to sag and present an unsightly appearance; but by having the strips A extending across the back, as shown, and the cloth fastened thereto, the sagging referred to is prevented and the back strengthened.

I have also found in practice that it is greatly advantageous to cut the slits or incisions in the back of the shoe of a curved or crescent shape, as shown in the drawing, for by so doing the wrinkles will be more effectually taken up than where the slits are otherwise shaped, whether the shoe runs over or works from side to side or backward and forward.

Over the cloth, inside the shoe, is placed the usual lining D and the supplemental strip E. The shoe in other respects does not differ from shoes as ordinarily constructed.

This invention is applicable to all kinds of boots and shoes, and is usually applied to the uppers before the shoe is made.

Having described my invention, what I claim is—

1. A boot or shoe having a series of incisions across its back, and cloth secured thereover from the inside, supported and strengthened by strips of other material secured crosswise thereto, substantially as and for the purpose set forth.

2. A boot or shoe having a series of crescent-shaped incisions across its back, and cloth secured thereover from the inside, supported and strengthened by strips of other material secured crosswise thereto, substantially as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 18th day of July, 1879.

ROBT. McCAMMON.

Witnesses:

J. C. BOONE,
E. W. DOLE.