

E. Chesterman,
Shoe Sole,
No 48,368, Patented June 27, 1865.

Fig. 1.

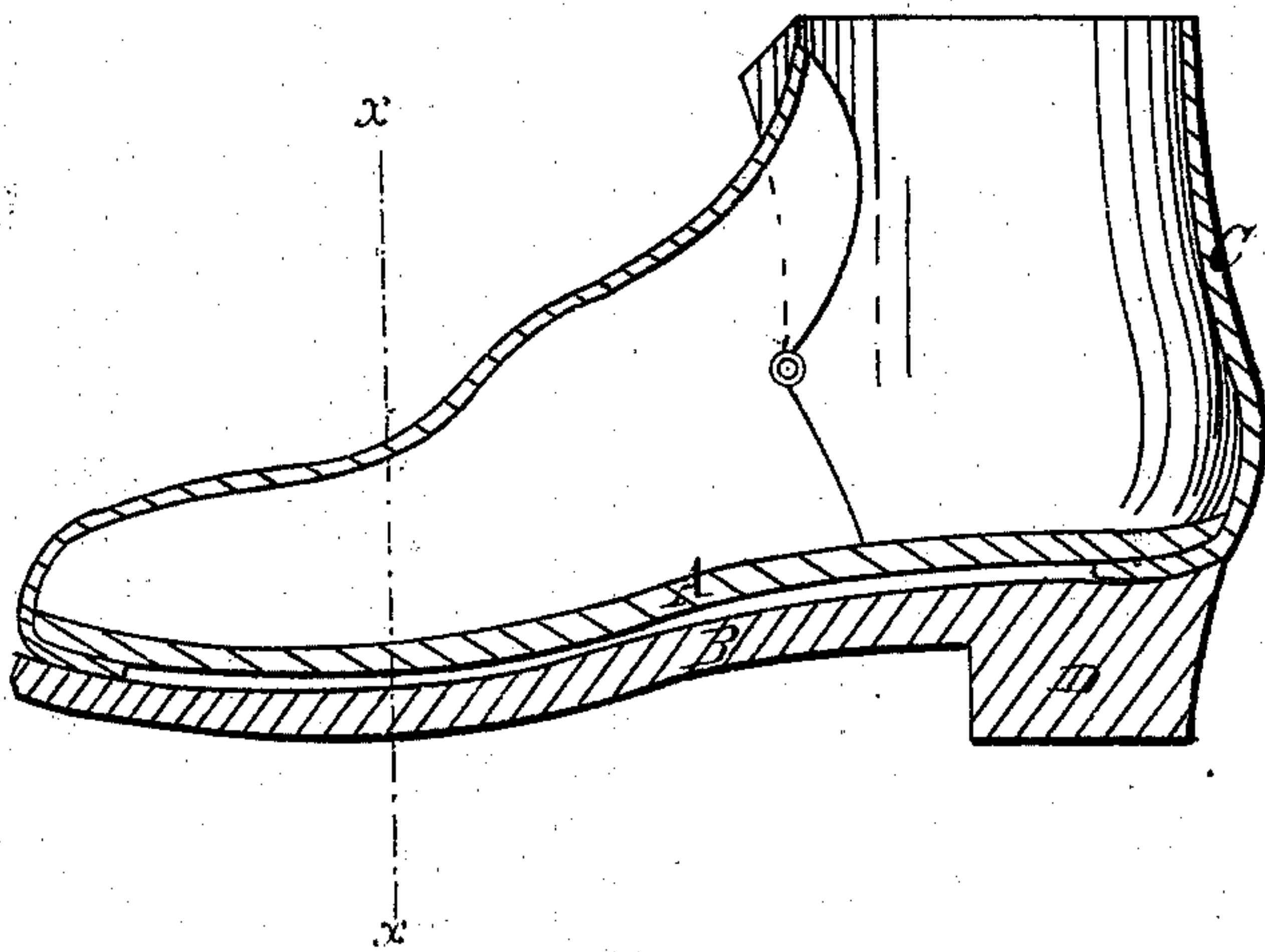
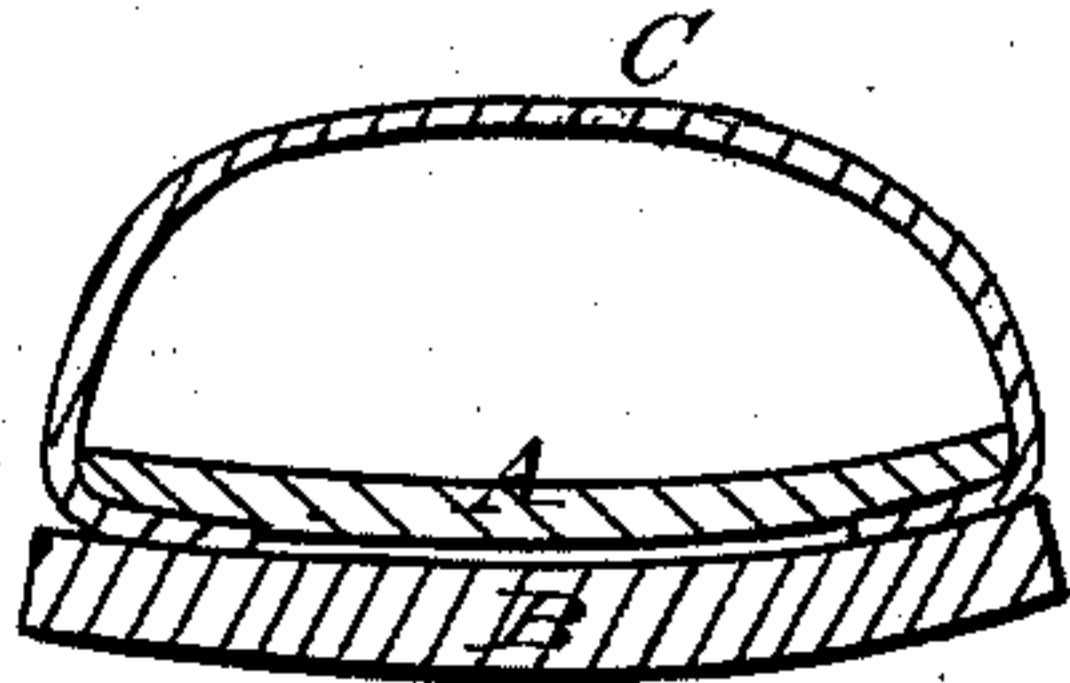


Fig. 2.



Witnesses

Geo. Tusch
J. M. Cornington

Inventor

Ed. Chesterman
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Attys

UNITED STATES PATENT OFFICE.

EDWIN CHESTERMAN, OF ROXBURY, MASSACHUSETTS.

IMPROVEMENT ON BOOTS AND SHOES.

Specification forming part of Letters Patent No. 48,368, dated June 27, 1865.

To all whom it may concern:

Be it known that I, EDWIN CHESTERMAN, of Roxbury, in the county of Norfolk and State of Massachusetts, have invented a new and useful Improvement in Boots and Shoes; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a longitudinal vertical section of this invention. Fig. 2 is a transverse vertical section of the same, the line *xx*, Fig. 1, indicating the plane of section.

Similar letters of reference indicate like parts.

The object of this invention is to produce a boot or shoe which has all the advantages of india-rubber or leather combined, without the objections of either. It is strong, firm, durable, impervious to water, and perfectly dry.

The invention consists in a boot or shoe made of canvas cloth or other textile material, saturated with india-rubber, and vulcanized after having been formed over a last, in combination with or without a cork sole, according to taste and convenience.

A represents a cork sole, which I put on the last, and the last and cork sole are covered with a suitable lining of cloth or any other suitable material. I then take a piece of cotton or canvas cloth coated on one side with rubber or other suitable water-tight compound, and prepare from it the inner-sole, B, and also the upper C, which is cut to the proper shape

and passed together at the lap or seam, and then put on the last and drawn over the bottom thereof, the same as in a leather shoe, and pressed against the inner sole. Said upper being coated with rubber or other cement on the outer or lower side, causes it to adhere firmly to the sole B when it is brought in the requisite position and pressed against the parts of the upper, turning under the last, as indicated in the drawings. I then take a piece of rubber or other compound (without cloth) of the proper thickness, and cut it the requisite shape for the sole, and press it against the parts of the upper, turning under the last, as indicated. The heel D is finally cut out of the same material as the sole, of the proper thickness, and by pressing it against the sole they are caused to stick firmly together, owing to the nature of the rubber in its natural or unvulcanized state. The shoe after having been thus prepared is heated or vulcanized by any known process, and then taken off the last, and it is ready for use.

By this process boots or shoes of any desired description can be made, and I reserve the right to make them either whole or partially of the material above described.

I claim as new and desire to secure by Letters Patent—

A boot or shoe made as herein described, as a new article of manufacture.

EDWIN CHESTERMAN.

Witnesses:

G. S. CONVERSE,
JOSEPH W. DUDLEY.