

(No Model.)

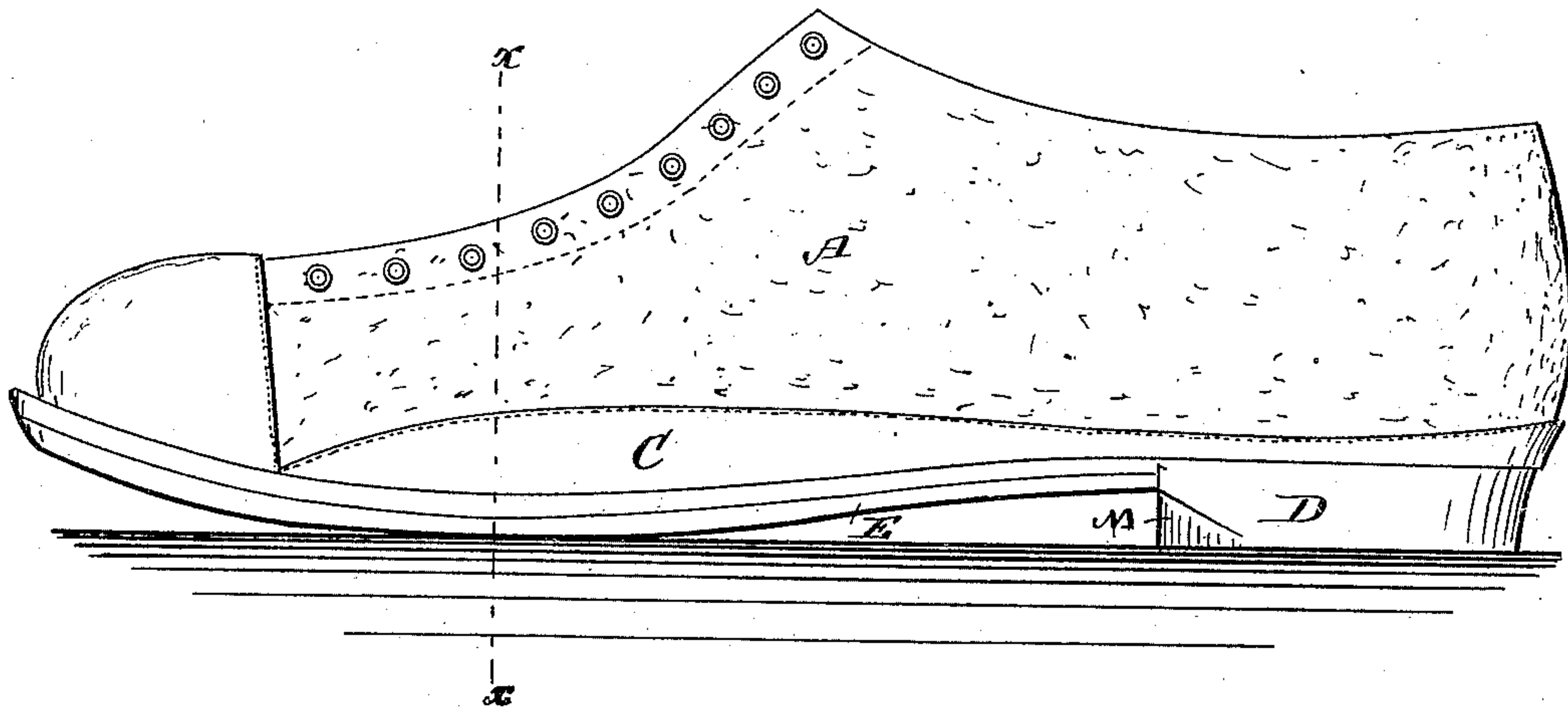
T. J. STRICKLAND.

BICYCLE SHOE.

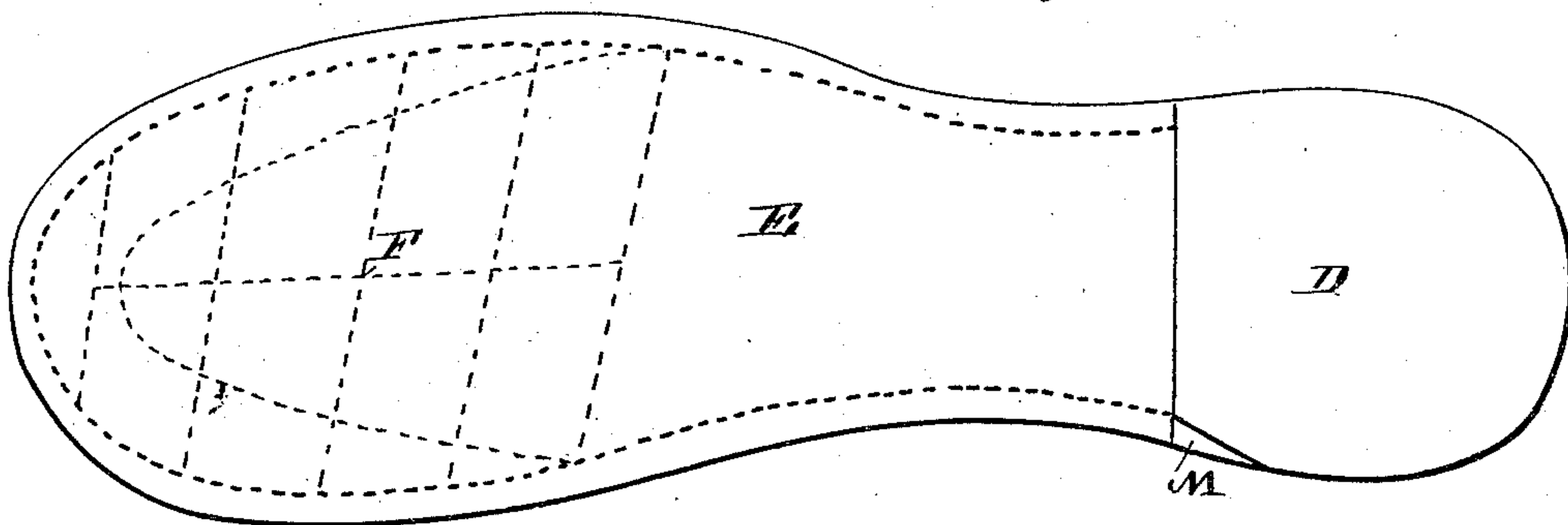
No. 343,777.

Patented June 15, 1886.

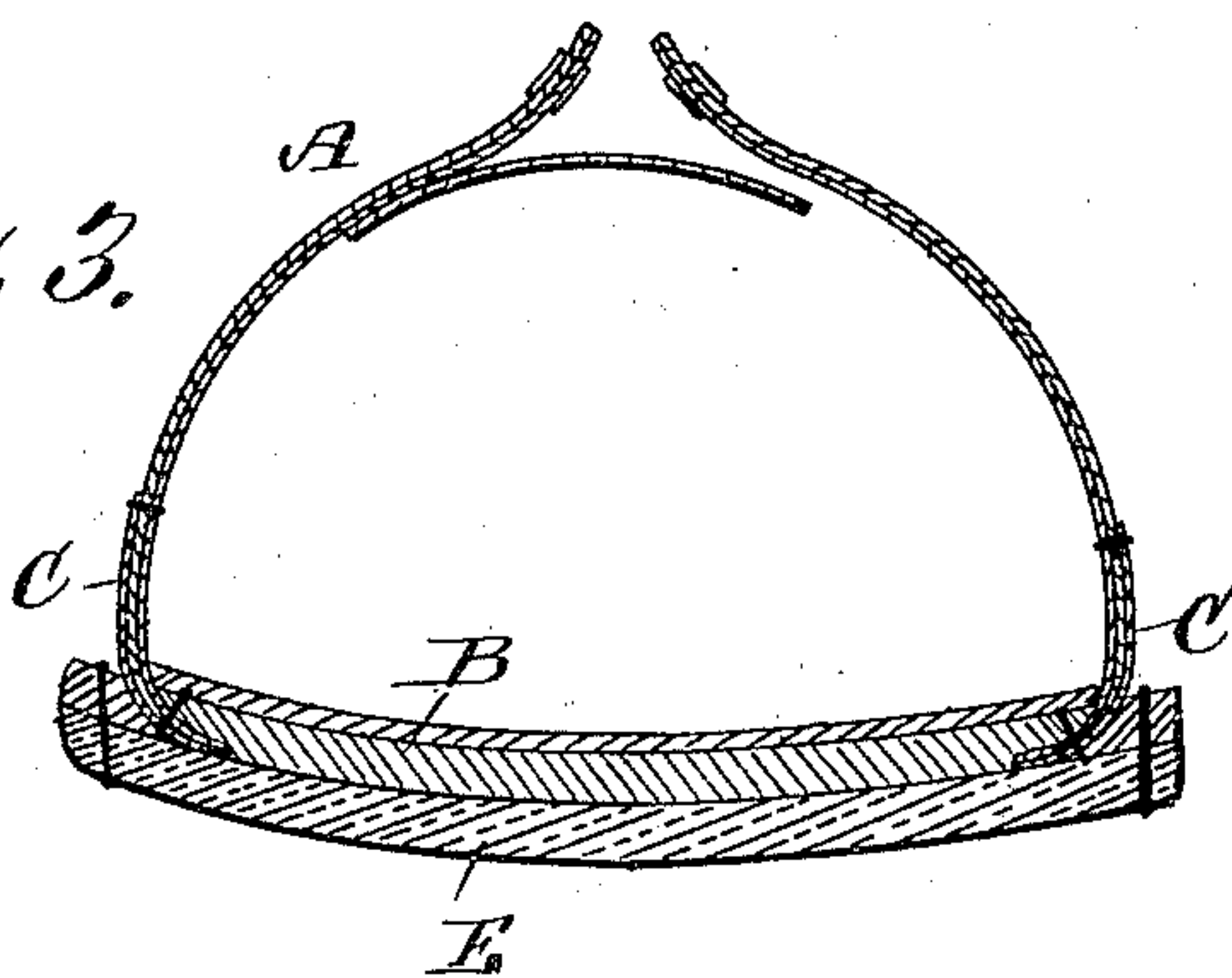
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

THOMAS J. STRICKLAND, OF RANDOLPH, MASSACHUSETTS.

## BICYCLE-SHOE.

SPECIFICATION forming part of Letters Patent No. 343,777, dated June 15, 1886.

Application filed December 11, 1885. Serial No. 185,391. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS J. STRICKLAND, of Randolph, in the county of Norfolk and State of Massachusetts, have invented a new and Improved Bicycle-Shoe, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved bicycle-shoe, which is very flexible throughout, and which cannot slip on the pedal.

The invention consists in a shoe provided with a buckskin sole, and also in a canvas shoe having the bottom parts of its upper made of leather, all as will be fully described and set forth hereinafter, and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a side view of my improved bicycle-shoe. Fig. 2 is a plan view of the under side of the sole. Fig. 3 is a cross-sectional view of the same on the line  $xx$  of Fig. 1.

The upper A is made of canvas, duck, or like material, which, however, is not sewed to the sole B, but is cemented or otherwise secured to the strip, C, of leather, which is sewed to the sole B in the usual manner.

Bicycle-shoes must be made as flexible as possible, and as the canvas does not possess great flexibility if fastened to the sole, I attach the canvas to the flexible leather and then sew the leather to the sole, whereby a very flexible shoe is obtained. The shoe can be made with or without a heel, D.

To the under side of the sole B, I cement

the sole E, of one, two, or more layers of thick buckskin, and then sew it to the sole B along the edges, and, if desired, stitches F in different directions are passed through the buckskin and the leather sole at the front part, for the purpose of uniting the two soles more firmly and to increase the friction of the under side of the buckskin sole E. The said buckskin sole may be provided on leather or canvas shoes with or without heels.

In case the shoe is provided with a heel, the inner front corner of the heel is beveled off from the top edge downward and inward, as shown at M, Fig. 2, so as to prevent striking the crank-arm when it is revolving, and thus avoiding the danger of being thrown, which is very great with shoes having the ordinary heels.

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

1. A shoe having a fabric upper to the bottom parts of which a strip of leather is secured, the said leather strip being secured to the sole, substantially as herein shown and described.

2. A bicycle-shoe having the inner front corner of its heel beveled off from the top edge downward and inward, substantially as herein shown and described.

3. As an improved article of manufacture, a shoe having a fabric upper and a buckskin outer sole, the said upper being secured to the sole by a leather strip secured to the lower edge of the same, as specified.

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