

(Model.)

W. P. HYATT.

FELT SHOE.

No. 347,111.

Patented Aug. 10, 1886.

fig. 1.

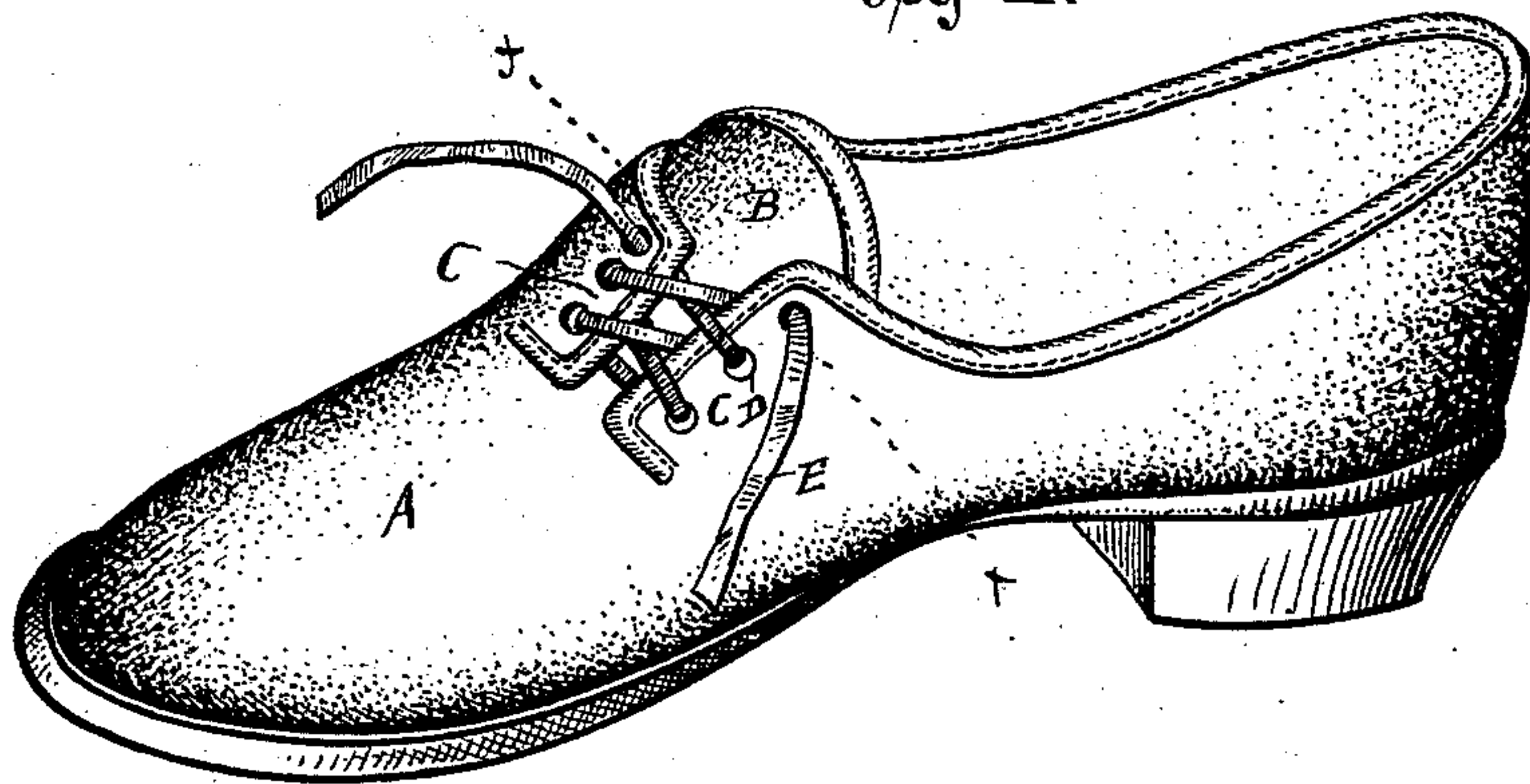


fig. 2.

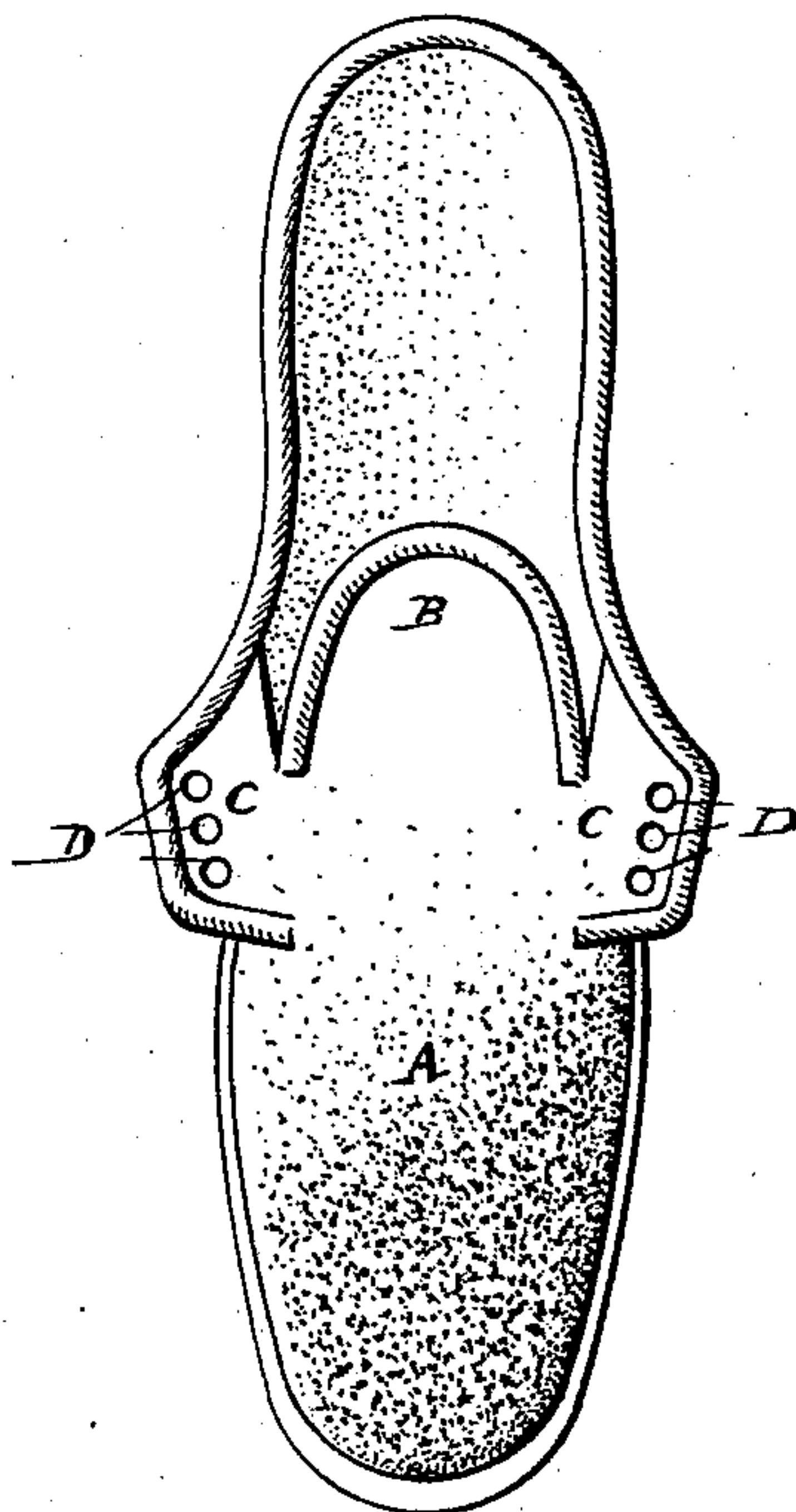


fig. 4.

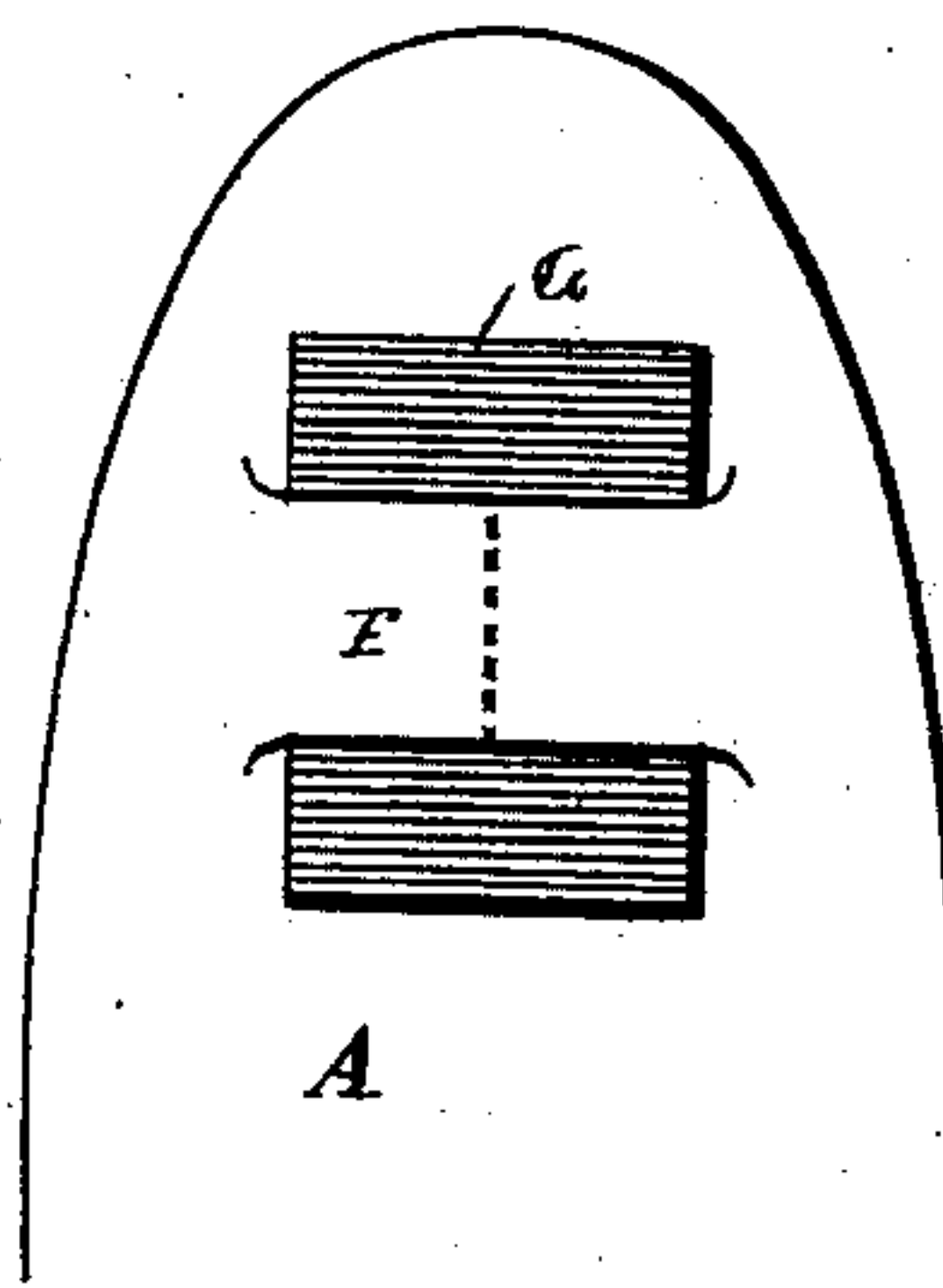
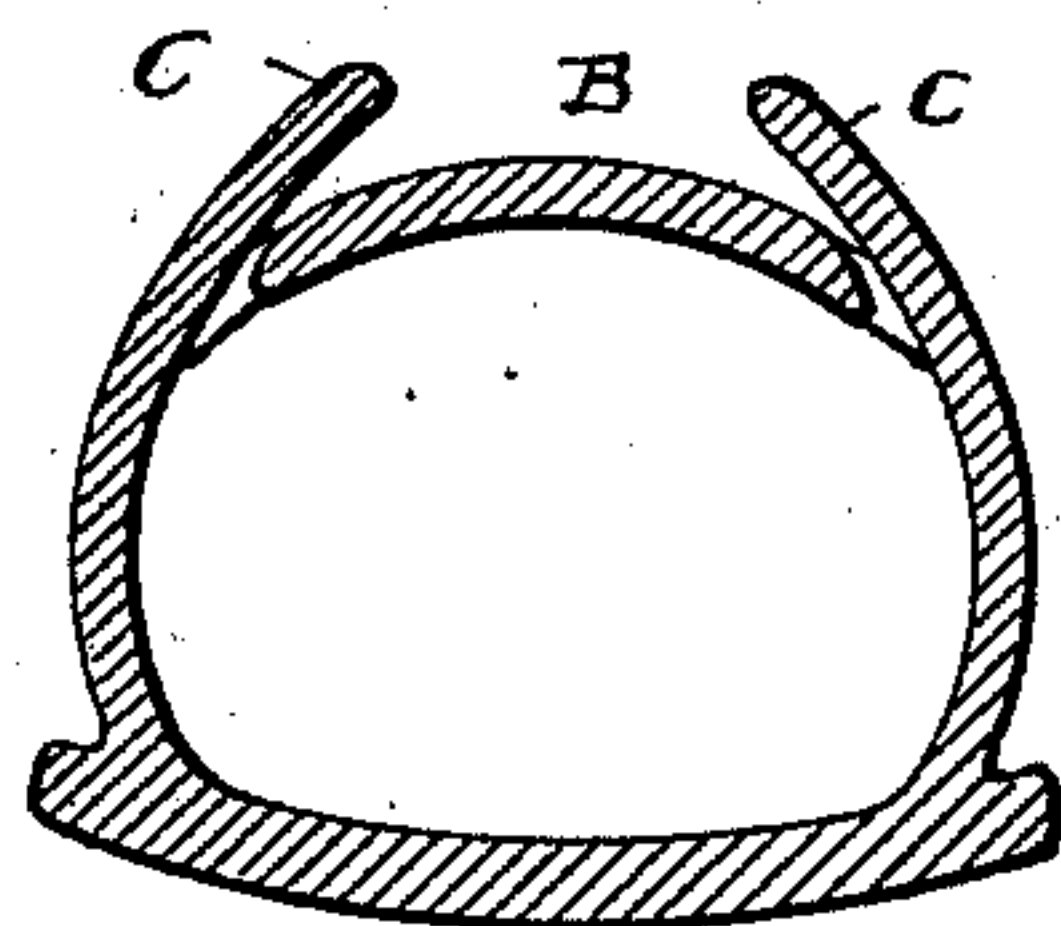


fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WALTER P. HYATT, OF MATTEAWAN, NEW YORK, ASSIGNOR TO THE NEW YORK FELTING COMPANY, OF SAME PLACE.

FELT SHOE.

SPECIFICATION forming part of Letters Patent No. 347,111, dated August 10, 1886.

Application filed March 18, 1886. Serial No. 195,623. (Model.)

To all whom it may concern:

Be it known that I, WALTER P. HYATT, of Matteawan, in the county of Dutchess and State of New York, have invented certain new and useful Improvements in Felt Shoes, of which the following is a specification.

This invention relates to certain new and useful improvements in felt shoes, especially in those in which the upper is made of a single seamless piece of felt.

The object of my invention is to provide said seamless felt upper with front flaps in the same manner as shoes known as "Oxford ties" are provided with flaps, said flaps of the felted shoe not requiring to be sewed or otherwise attached, but forming an integral part of the shoe.

The invention consists in the special construction of the upper of the shoe, as will be fully described and set forth hereinafter, and pointed out in the claims.

In the accompanying drawings, Figure 1 represents a perspective view of my improved seamless felt-covered tie shoe. Fig. 2 is a top view of the same. Fig. 3 is a cross-sectional view of the same on line *x x*, Fig. 1; and Fig. 4 is a diagram showing the method of forming the flaps.

Similar letters of reference indicate corresponding parts.

The seamless upper is made of felt in the usual and well-known manner, and is provided with a tongue, B, extending toward the rear at the front of the opening through which the foot is passed into the shoe. At the side of said tongue, and slightly in front of the same, the flaps C are provided, which are not sewed, stitched, or riveted on the upper, but are an integral part of the same. Said flaps, the edge of the opening of the shoe, and the tongue B may be provided with a binding in the usual manner, if desired, and the flaps are provided with eyelet-holes for the lace E, or may be provided with buckles or any other well-known fastening device such as are used on shoes.

The shoe may be provided with a leather or felt sole, and the said sole may be sewed on the shoe, or, if of felt, may form an integral part of the same.

To form the flaps C, a small bat of wool, F, is placed transversely on the upper surface of the shoe before the same is hardened, and a piece, G, of leather, fabric, paper, or other non-felting material is placed below said strip F, so that only the end parts of said strip F are in contact with the upper. The upper and the strip F are then hardened in the usual manner, whereby the ends of the strip F firmly unite with the upper, so as to form one continuous and integral piece with the same. As the piece G of fabric or other material is introduced, the strip or bat F cannot unite with the upper between the ends of said piece. The piece F is then cut at the middle, as indicated by the dotted line in Fig. 4, thus furnishing two flaps, C, which are trimmed and finished in the usual manner.

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

1. As an improved article of manufacture, a seamless felt shoe-upper having flaps in front of the opening through which the foot is inserted into the shoe, said flaps forming an integral part of the upper, substantially as shown and described.

2. A seamless felt shoe-upper provided with a tongue at the front opening through which the foot passes into the shoe, and with flaps in front of said tongue, the tongue and flaps forming an integral part of the said seamless upper, substantially as shown and described.

3. The method of forming flaps on felt uppers, consisting in placing a bat of wool upon the upper in the position it is to occupy on the resultant article, and placing a strip of non-felting material between the flap and that part of the upper which said flap shall overlap, allowing such parts of the flap-bat as shall not be protected by the non-felting material to unite in the hardening process with the upper, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

WALTER P. HYATT.

Witnesses:

HENRY G. WOLCOTT,
ED. DILLON.