

(No Model.)

C. FRESCHL.
MITTEN.

No. 373,281.

Patented Nov. 15, 1887.

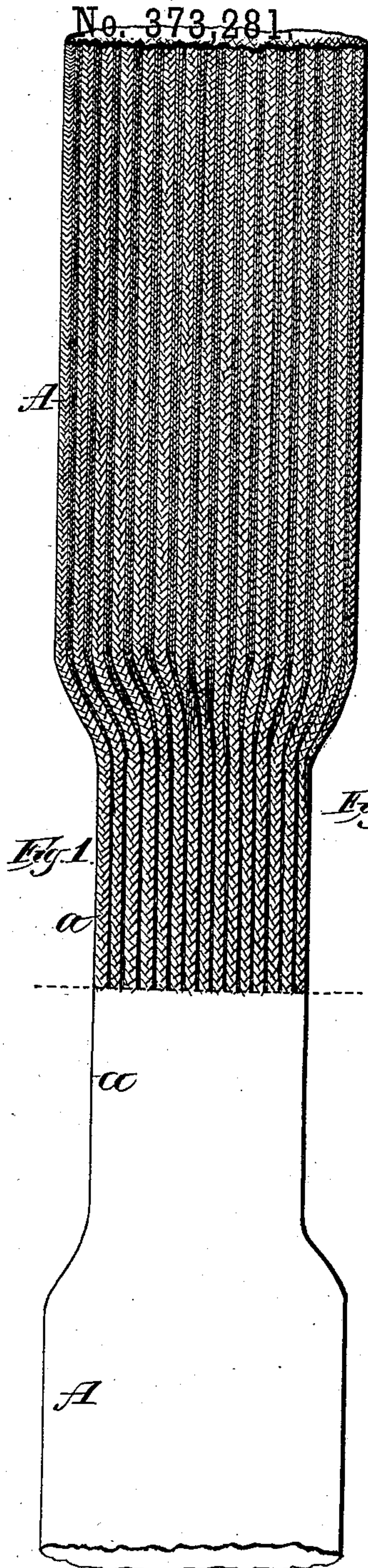


Fig. 2.

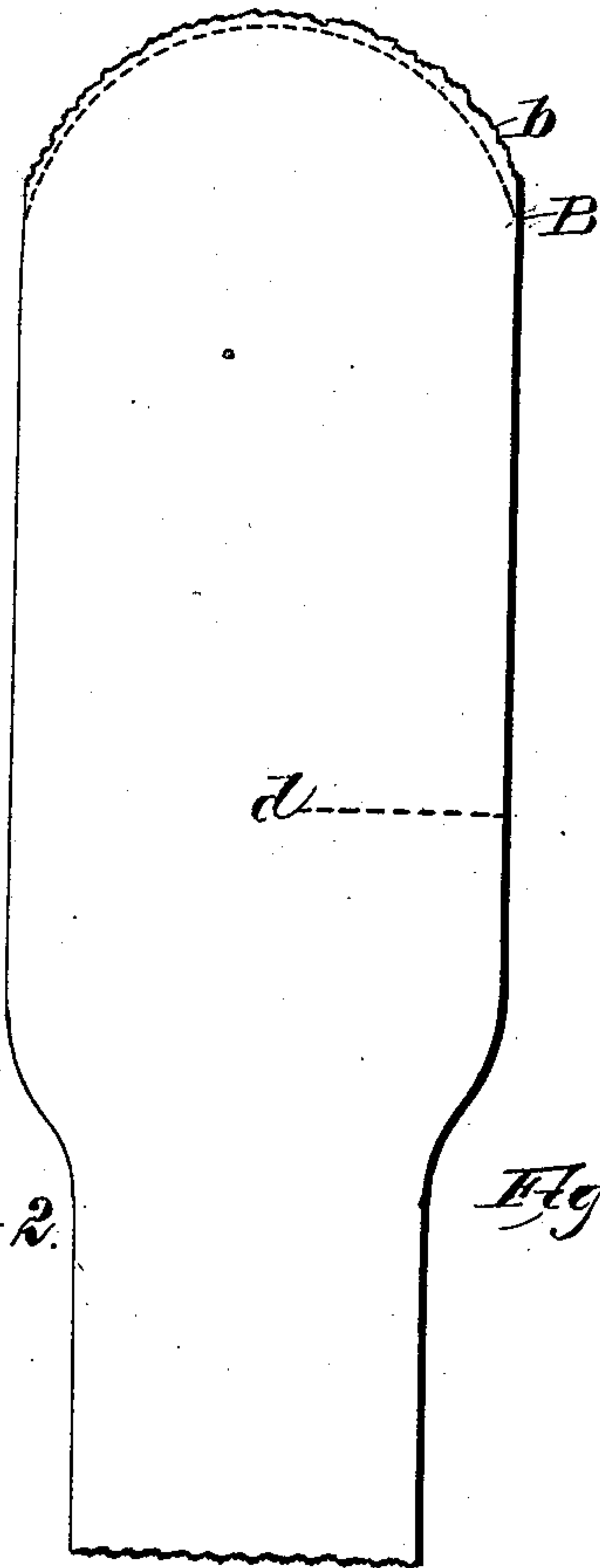


Fig. 3.

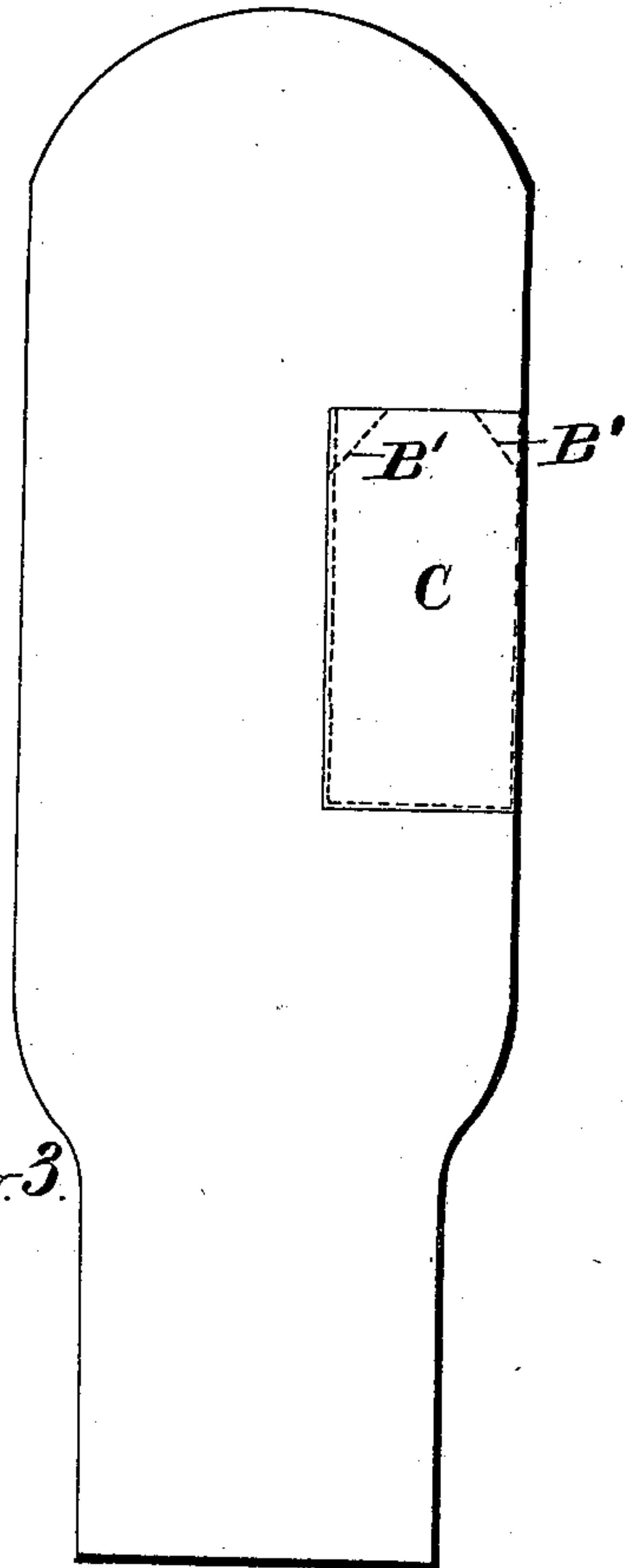


Fig. 4.

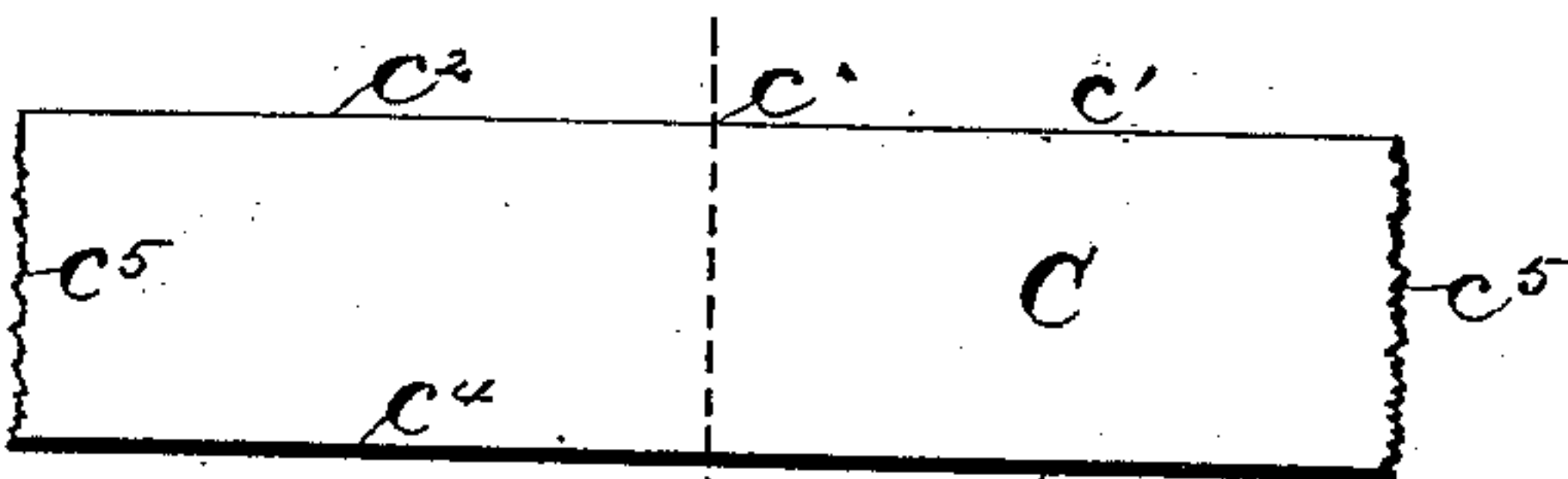
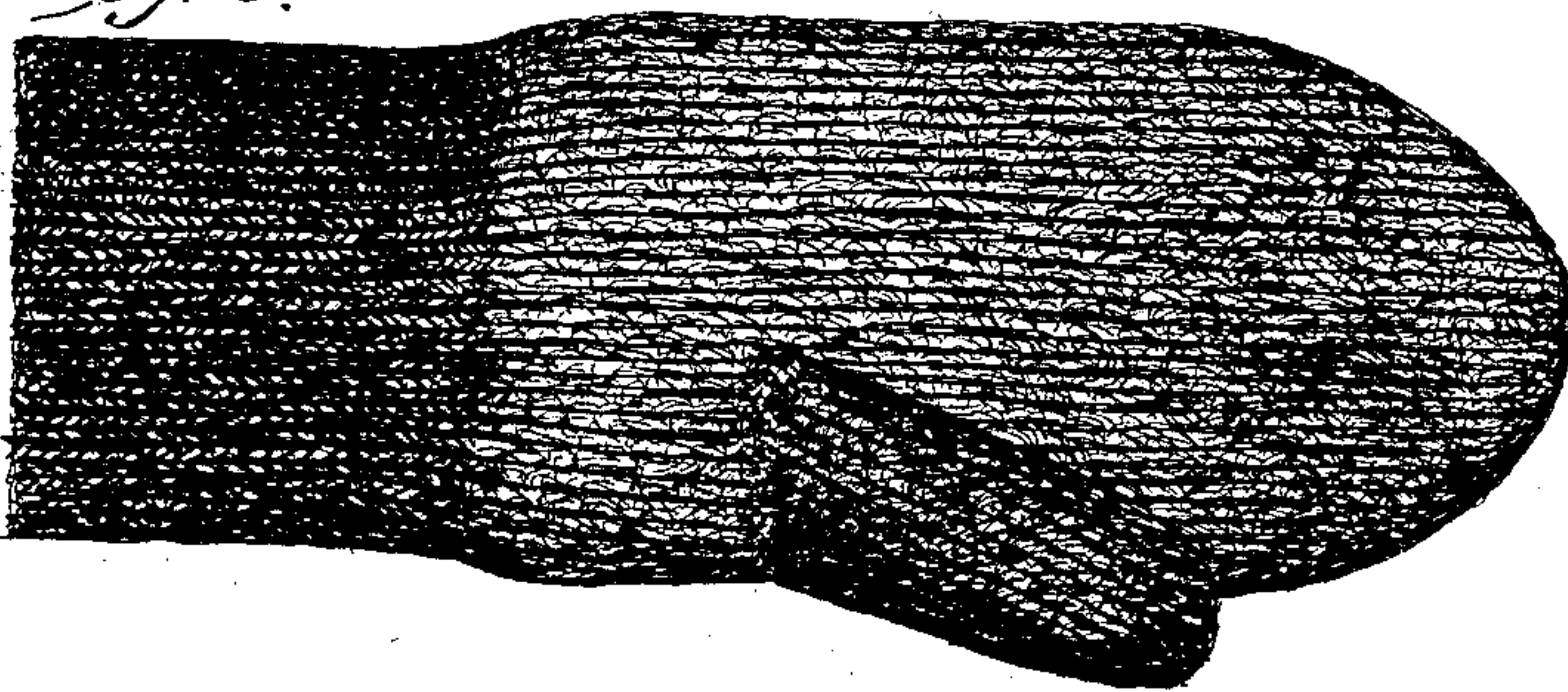


Fig. 5.



Witnesses:

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UNITED STATES PATENT OFFICE.

CARL FRESCHL, OF MILWAUKEE, WISCONSIN.

MITTEN.

SPECIFICATION forming part of Letters Patent No. 373,281, dated November 15, 1887.

Application filed August 16, 1886. Serial No. 211,023. (No model.)

To all whom it may concern:

Be it known that I, CARL FRESCHL, of Milwaukee, in the county of Milwaukee, and in the State of Wisconsin, have invented certain new and useful Improvements in Mittens; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to knit goods; and it consists in an improved mitten made from a circular ribbed web, as hereinafter set forth, and particularly pointed out in the claims.

In the drawings, Figure 1 is a representation of the continuous ribbed web from which my mittens are formed. Figs. 2 and 3 are outline views representing successive stages of the process of making the mitten. Fig. 4 is an outline view of a section of straight-knit web from which the thumb-piece is formed, and Fig. 5 represents the finished mitten.

Referring to the drawings, in Fig. 1 is shown a section of a continuous circular ribbed knit web, the letters A A designating the hand portions and the letters a a the wrist portions, the latter being knit closer and, by preference, with one woolen and one merino or cotton thread, (to insure flexibility and elasticity at the wrist,) instead of both the wrist-threads being woolen. This web is cut at the proper points to divide the same into single mitten-sections, and one of these sections is taken and a rounded seam, B, sewed at the top of the mitten-piece and the superfluous material above the same cut off, leaving the edge b as shown in Fig. 2. The thumb-piece C is made from a continuous straight ribbed web cut in suitable lengths, (one of which is shown in Fig. 4,) and then each length is centrally folded upon itself at the line c, and next the side edges are sewed together, the edge c' to the edge c² and the edge c³ to the edge c⁴, which makes a tube closed at one end of the thumb-piece. A certain number of stitches on the mitten-piece, Fig. 2, are then cut on the line d, and the bottom edges, c⁵, of the thumb-tube are sewed to the edges where the mitten was cut at d, and the mitten is then in the form shown

in Fig. 3. Next the upper corners of the thumb-piece C are sewed and trimmed on the dotted lines B' B', Fig. 3, just as the top of the hand portion was treated at B, Fig. 2. The mittens are then fulled and afterward dried on boards to give them the required size and shape, and next teaseled on the inside, after which they are turned and are ready for the market, as shown in Fig. 5.

The great advantage of my mitten over those heretofore made lies in the fact that, as its hand portion is made of a heavy elastic ribbed web loosely knit before fulling, the completed mitten is much thicker and more pliable than if made of a smooth web, which latter results, after fulling, in making a stiff non-yielding mitten.

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

1. A mitten the hand and wrist portion of which consists of a seamless circular web having longitudinal ribs, the wrist portion being more elastic, of closer texture, and of less diameter than the hand portion, and having a ribbed thumb-piece provided with longitudinal side seams and sewed to the edges of the thumb-opening in the hand portion of the mitten.

2. A fulled mitten the hand and wrist portion of which comprises a seamless circular web having longitudinal ribs, the wrist portion being more elastic, of closer texture, and of less diameter than the hand portion, and a thumb-piece consisting of a straight ribbed web joined to the hand portion to register with an opening therein, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand, at Milwaukee, in the county of Milwaukee and State of Wisconsin, in the presence of two witnesses.

CARL FRESCHL.

Witnesses:

H. G. UNDERWOOD,
MAURICE F. FREAR.