

(No Model.)

R. D. TUCKER & J. H. ANTHOINE.

WELTING BOOTS AND SHOES.

No. 255,474.

Patented Mar. 28, 1882.

Fig. 1.

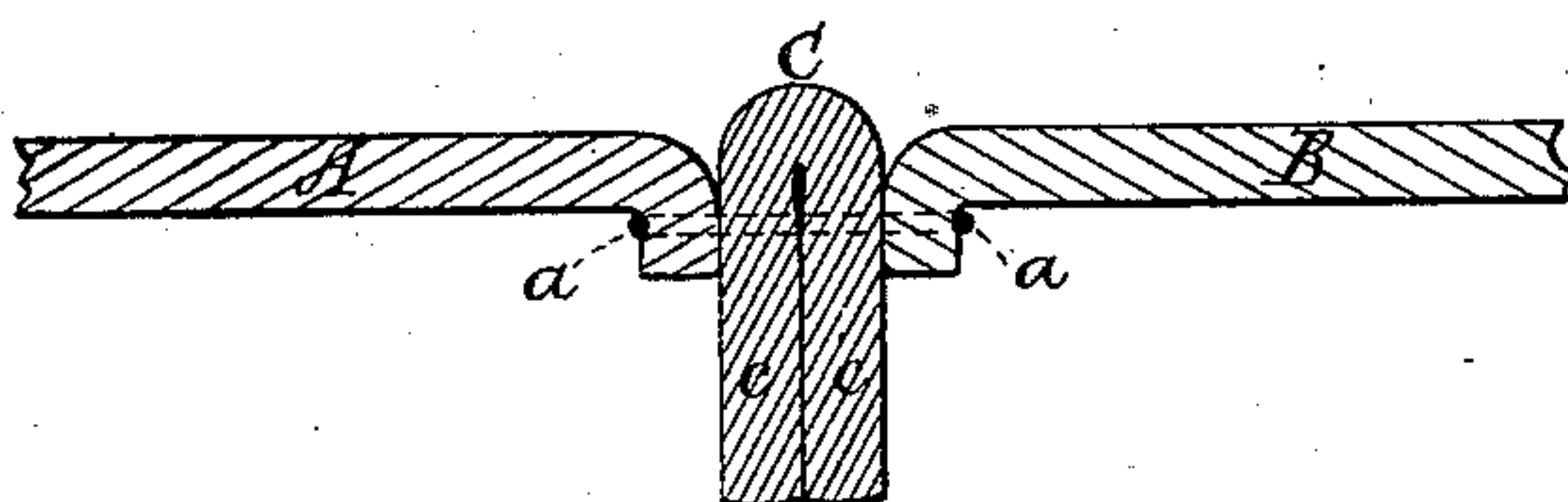
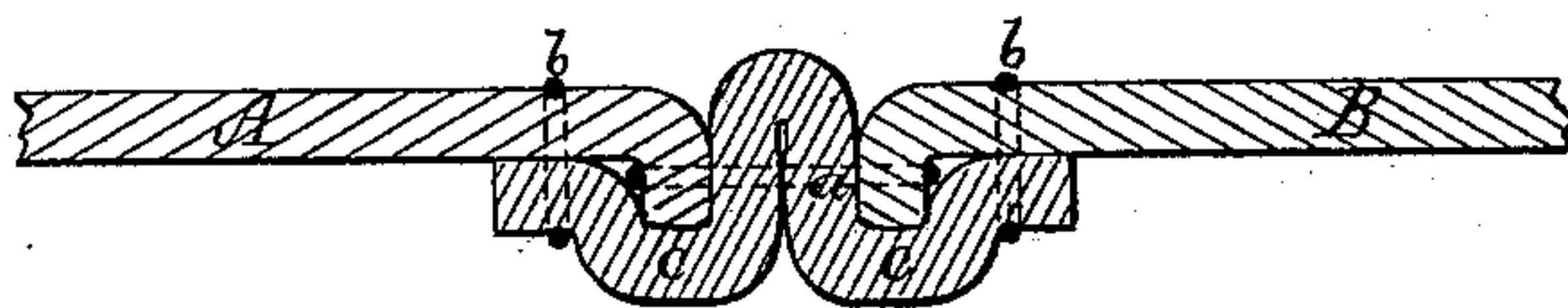


Fig. 2.



Witnesses.

S. N. Pipes

E. A. Pratt

Inventors.

Rollin D. Tucker.

Joseph H. Anthoine.

by R. M. Eddy att'y

UNITED STATES PATENT OFFICE.

ROLLIN D. TUCKER AND JOSEPH H. ANTHOINE, OF BOSTON, ASSIGNORS TO
SYLVESTER C. FAY, OF SOUTHBOROUGH, MASSACHUSETTS.

WELTING BOOTS AND SHOES.

SPECIFICATION forming part of Letters Patent No. 255,474, dated March 28, 1882.

Application filed January 23, 1882. (No model.)

To all whom it may concern:

Be it known that we, ROLLIN D. TUCKER and JOSEPH H. ANTHOINE, of Boston, of the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Welting Boots or Shoes; and we do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figures 1 and 2 are transverse sections, on an enlarged scale, of the two portions or pieces of the upper of a boot or shoe and their welt arranged and applied in accordance with our invention, the nature of which is defined in the claim hereinafter presented.

In carrying out our said invention we double or fold the welt upon itself, in manner as shown at C in Fig. 1, and arrange it between the two pieces A B of the upper and secure it thereto by sewing going through it and them, in manner as shown at a. Ordinary welts have but one thickness of the material between the parts connected to them; but with our improvement there are not only two thicknesses of the material between such parts, but the welt is in one piece, folded at its middle, which not only makes in most cases a better finish, but one which will cause the welt to wear to better advantage, it not requiring to be rounded by a tool or cutter on its projecting edge. The two portions or laps c c of the welt we cut off even with the next adjacent edges of the pieces A B, and we turn such portions down across such edges and upon the pieces A B, in manner as shown in Fig. 2, and stitch each portion or lap c to its piece A or B by sewing going through them, as shown at b, thereby producing a strong connection of the welt and upper pieces and covering the inner edges of the said pieces and greatly improving the finish of the whole, especially when the welt is of much thinner stock than the adjacent parts A B, connected to it. In some cases we chamfer off the welt at its edges, in order to improve its appearance, as well as for other purposes.

There is a material difference between our improvement and the mode of welting as shown in the United States Patent No. 177,660, for in ours the welt is not pressed down and folded upon the outer surface of the quarters and sewed thereto, such welt by our method having its laps c c turned across the next adjacent edges of the pieces A and B, and next stitched to the said pieces. So our mode of welting differs from that shown in the United States Patent No. 228,007, wherein the two pieces connected by the welt are first fastened thereto by two separate ranges or lines of sewing, there being one of such ranges to each of the said pieces, the laps of the welt not being sewed together, whereas in our improvement one range of sewing only is employed in first securing the pieces A and B to the welt C, such single range going through the laps of the welt and each of the two pieces, and connecting all of them, the laps of the welt subsequently being bent over and down upon the pieces A and B and sewed to them.

What we claim as our invention in welting the upper of a shoe or boot is as follows:

The welt C, arranged and combined with the pieces A B, substantially in the manner as set forth, such welt being folded and placed between the said pieces and connected thereto by a row of stitches, a, extending through them, the said pieces, and the two laps of the welt, and such laps being subsequently folded over the next adjacent ends of and against the said pieces, and further connected to such pieces by rows of stitches b b, arranged with and going through them and the laps, as represented.

ROLLIN D. TUCKER.
JOSEPH H. ANTHOINE.

Witnesses:

R. H. EDDY,
E. B. PRATT.