

(No Model.)

A. E. BURK.

BAR OR TACK FOR BOOTS OR SHOES, &c.

No. 538,893.

Patented May 7, 1895.

FIG 1

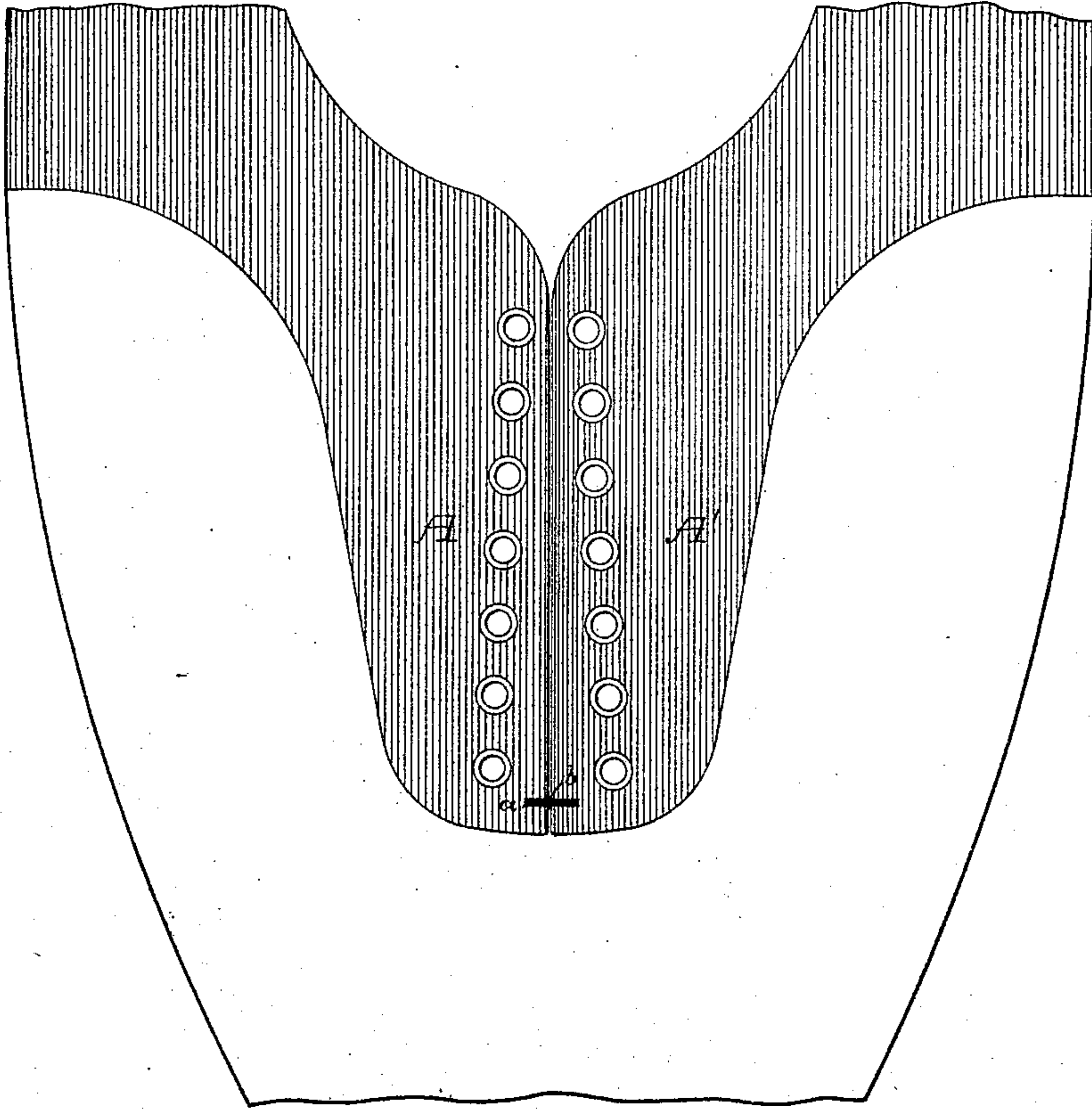


FIG. 2

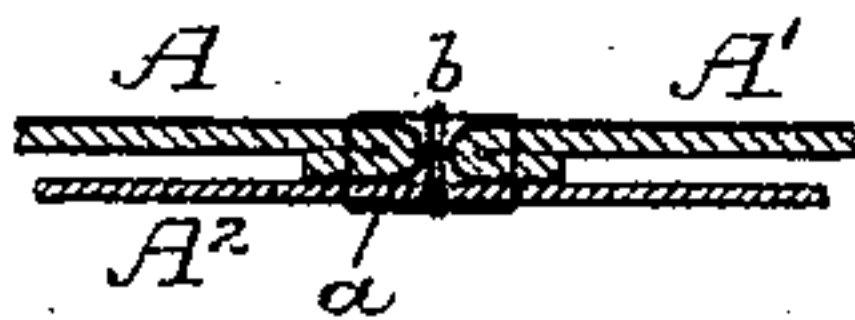


FIG. 3

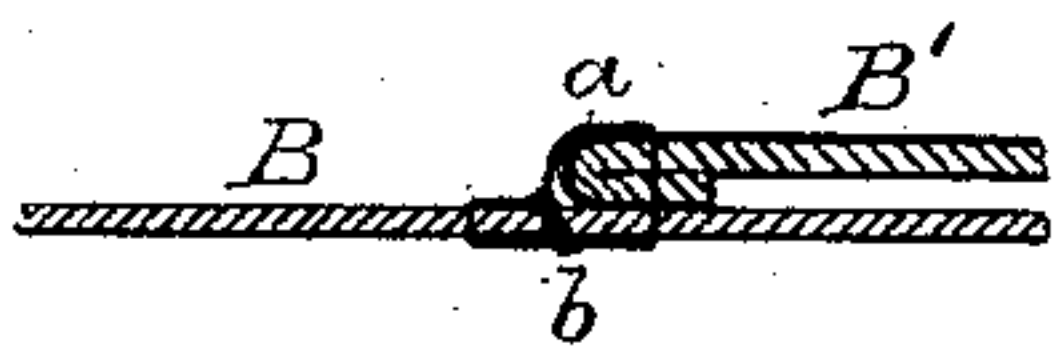
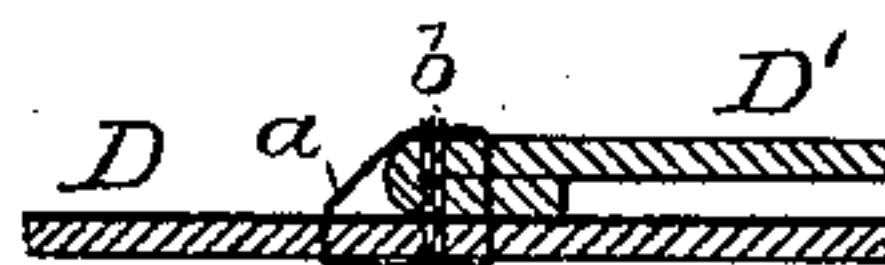


FIG. 4



Witnesses
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UNITED STATES PATENT OFFICE.

ALFRED E. BURK, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO
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BAR OR TACK FOR BOOTS OR SHOES, &c.

SPECIFICATION forming part of Letters Patent No. 538,893, dated May 7, 1895.

Application filed January 17, 1895. Serial No. 535,219. (No model.)

To all whom it may concern:

Be it known that I, ALFRED E. BURK, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain
5 Improvements in Bars or Tacks for Boots, Shoes, &c., of which the following is a specification.

My invention consists of an improved tack or bar for fastening the meeting or overlapping portions of boots, shoes, harness, &c., the bar being especially intended for use in cases where the leather of which the article is composed has a hard polished or glazed surface, such as what is known as "patent leather,"
15 and the object of my invention being to so form the bar or tack that the polished or glazed surface will not be mutilated by the stitches composing the bar.

In the accompanying drawings, Figure 1 is
20 a view of part of a shoe-upper, showing my improved form of bar. Fig. 2 is an enlarged sectional view of the same, and Figs. 3 and 4 are like views of modified forms of the tack or bar.

25 A A represent two parts of a shoe upper, each part having a folded edge overlapping the under flap or tongue A² as shown in Fig. 2, these overlapping portions being secured by means of a bar or tack consisting of a number of longitudinal stitches *a*, and a number
30 of short transverse stitches *b* formed over said stitches *a*.

The usual form of bar or tack having the cross stitches extending from end to end of the same is inadmissible in cases where the leather has a hard polished or glazed surface, especially where the leather is folded, as this surface is so cut or mutilated by the cross stitches as to detract from the appearance of
35 the finished article. I therefore leave the end portions of the stitches *a* of the bar free from cross stitches and concentrate the latter at a point about the center of the bar between the edges of the overlapping portions A A', so that
45 the bar will possess the necessary strength at the point where the strain is exerted upon it

and yet will not mutilate the surface of the leather, at the point where the latter overlaps the bottom piece and is folded as shown in Fig. 2.

In Fig. 3 I have illustrated a single instead of a double overlap, the cross stitches *b* in this case being formed on the base B beyond but close to the edge of the overlapping portion B', and in Fig. 4, I have shown an instance in
50 which the base flap D has the highly polished or glazed surface, the overlapping folded portion D' being plain and the cross stitches *b* being formed inwardly beyond but close to said overlapping edge. In all cases, however,
55 the glazed surface of the leather is free from mutilation due to the formation of openings for the reception of the cross stitches and the sightliness of the article is not thereby impaired.

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

1. The combination of two portions of a shoe or like article of manufacture, one portion
65 overlapping the other, with a bar or tack consisting of longitudinal stitches crossing the overlapped portion and having cross stitches bunched at a point between the ends of the long stitches and beyond but close to the
70 edge of the overlapping part, substantially as specified.

2. The combination of the under tongue or flap and the opposite overlapping portions of a shoe upper or the like, with a bar or tack
75 consisting of longitudinal stitches extending from one overlapping portion to the other, and short cross stitches bunched at a point between the overlapping portions, substantially
80 as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ALFRED E. BURK.

Witnesses:

WILL. A. BARR,
JOSEPH H. KLEIN.