

A. F. MITCHELL.
SHOE UPPER.
APPLICATION FILED JULY 5, 1910.

1,002,731.

Patented Sept. 5, 1911.

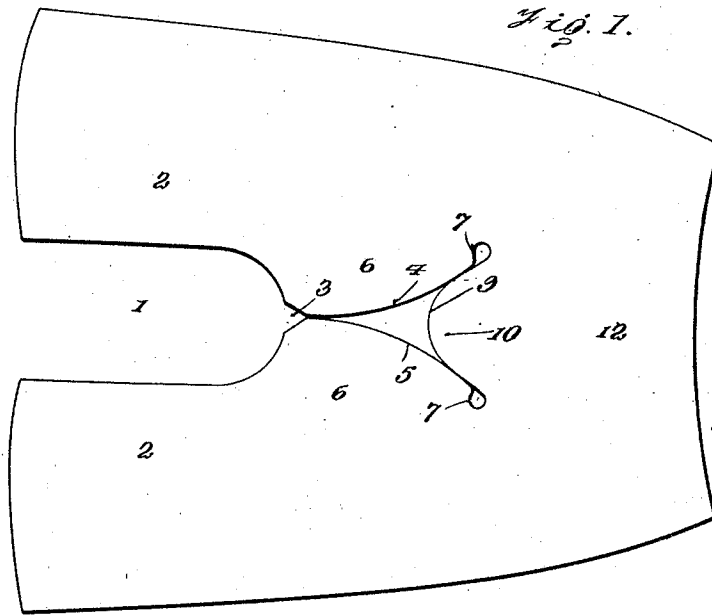


Fig. 2.

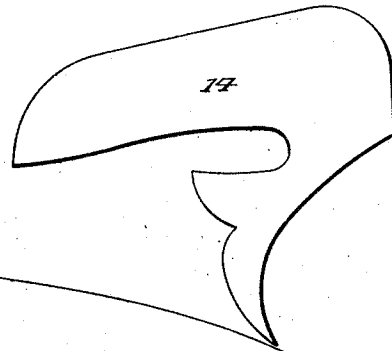
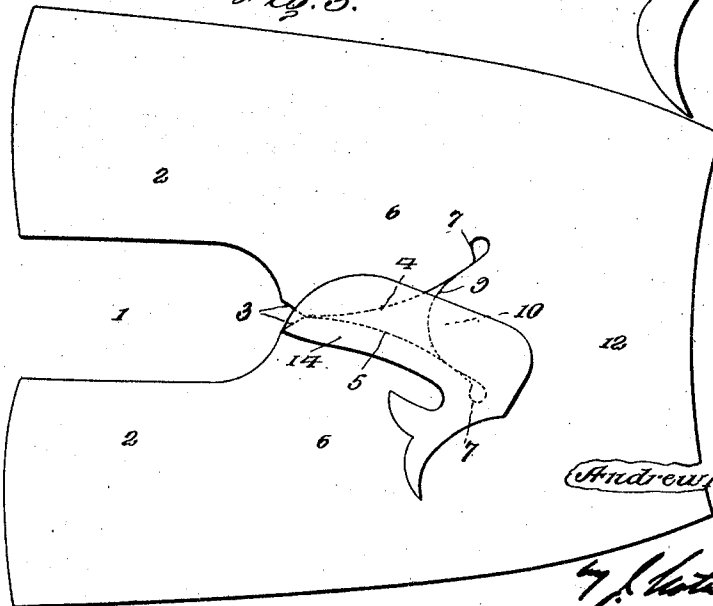


Fig. 3.



Witnesses
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SHOE-UPPER.

1,002,731.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ANDREW F. MITCHELL, of Campello, in the county of Plymouth and State of Massachusetts, have invented certain new and useful Improvements in Shoe-Uppers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The object of this invention is to effect a saving in material and labor in cutting stock for Blucher Oxford laced shoes of the seamless type.

According to my invention, the vamp, quarters, fly-sections and tongue-section are all cut from a single piece of material for use in Blucher Oxford shoes, the eyelet-sections and tongue being made of separate material and secured, respectively, to the fly-sections and tongue-section. Preferably the eyelet sections extend some distance forward of the forward ends of the fly-sections and have lateral extensions which serve to add to the appearance of the shoe, and also aid in holding the lining.

The invention will be hereinafter fully set forth and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a plan of the blank from which a shoe may be formed. Fig. 2 is a plan of an eyelet section with a lateral extension sufficiently long to extend to the edge of the vamp. Fig. 3 is similar to Fig. 1, but shows an eyelet section secured to a fly section, such eyelet section having a relatively short lateral extension.

The blank cut for a Blucher Oxford upper is shown in Fig. 1 as having a central longitudinal cut-out 1 between the two quarters 2. The sides of the longitudinal cut-out 1 are parallel, save at their forward ends where they are curved toward each other. By making the cut-out 1 on straight parallel lines the backs of the quarters are brought close together, effecting a saving in material. The forward end of this cut-out, that is, the center of the curved portion, is shown as terminating in a V-shaped slit 3, from the vertex of which the material is cut on two divergent lines 4 and 5, which lines are slightly curved to the shape of the in-step part of the last. In this way I form the fly-sections 6. The lines 4 and 5 are abruptly carried outwardly, for short dis-

tances, as at 7, to complete the formation of the fly-sections. The terminations of the lines 4 and 5 are connected by a rearwardly curved transverse cut on line 9, which forms the tongue-section 10, the edge of which abuts against the lines 4, 5, for a considerable distance. The ends of the line 9 are slightly rounded as they join the lines 7 of the fly-sections to give the latter freedom of movement and prevent tearing. The tongue-section 10 is at the inner end of vamp 12.

From what has been stated it will be seen that by cutting the blank in the manner described a seamless Blucher Oxford shoe may be produced without waste of material.

In Fig. 2 I have shown one of the eyelet sections 14 which are designed to be secured to fly-sections 6, the lower forward ends of sections 14 extending some distance beyond the forward ends of the fly-sections so as to provide not only the necessary freedom of movement for the eyelet sections, but to effectively cover the points of conjunction of the fly-sections with the tongue-section. The eyelet section which may have a long or short lateral extension is shown applied in Fig. 3. It may be formed with a slight cut in one edge so that part may be on the inner side of the fly-section and part on the outside thereof, if desired. The lateral extensions of the eyelet-sections take away the uneven look and add to the appearance of the shoe; they also create the lines and shape in vamping. A saving in operation is also accomplished; for instance, the vamp lining is cemented to the vamp part of the upper, the quarter lining being placed under the top part of the upper which overlaps the vamp lining, and in stitching down the stay or lateral portions of the eyelet-sections the stitching is through the top and quarter linings, and also through the lining that has been cemented to the vamp. In this way the vamp lining is stitched to the quarter lining, saving thereby the separate stitching of the vamp lining to the quarter lining which would otherwise be a separate operation.

I claim as my invention:—

1. A blank for a Blucher Oxford upper having a central longitudinal cut-out the opposite edges of which are parallel and at their forward ends curved toward each other and then slitted divergently on

slightly curved lines from the forward end of the cut-out to form fly-sections, and then cut transversely on a curved line, to form a tongue-section, the edge of which abuts
5 against the edge of the divergent curved lines for a considerable distance.

2. A blank for a Blucher Oxford upper having a central longitudinal cut-out the opposite edges of which are parallel and at
10 their forward ends curved toward each other and then slitted divergently on slightly curved lines from the forward end of the cut-out to form fly-sections, and then cut transversely on a curved line, to form a
15 tongue-section, the ends of the tongue-section uniting with the divergent curved lines forming the fly-sections by rounded ends.

3. A blank for a Blucher Oxford upper

having a central longitudinal cut-out the opposite edges of which are parallel and at
20 their forward ends curved toward each other and then slitted divergently on slightly curved lines from the forward end of the cut-out to form fly-sections, eyelet-
25 sections secured to said fly-sections and having lateral extensions which are designed to be stitched to the vamp and quarters to create the lines and shape in vamping.

In testimony whereof, I have signed this specification in the presence of two sub-
30 scribing witnesses.

ANDREW F. MITCHELL.

Witnesses:

HENRY C. RIPLEY,
WILLIS H. FLAGG.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents
Washington, D. C."