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C. S. BIRD

BOOT OR SHOE

Filed July 20, 1923

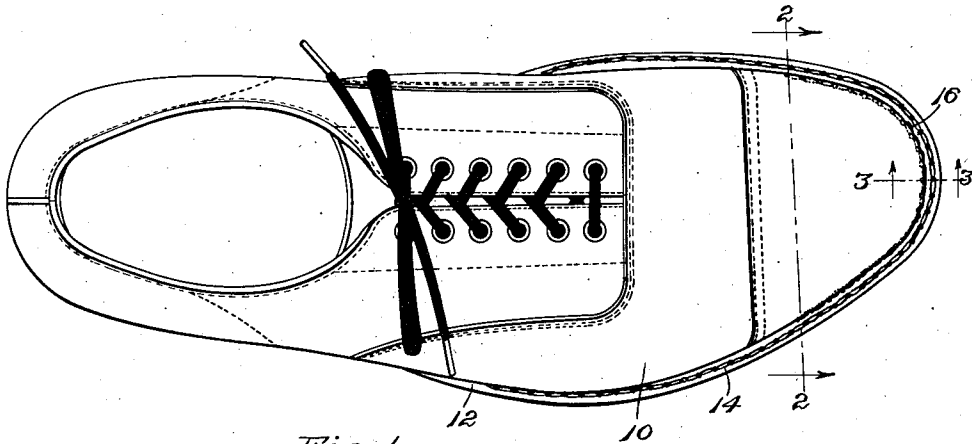


Fig. 1.

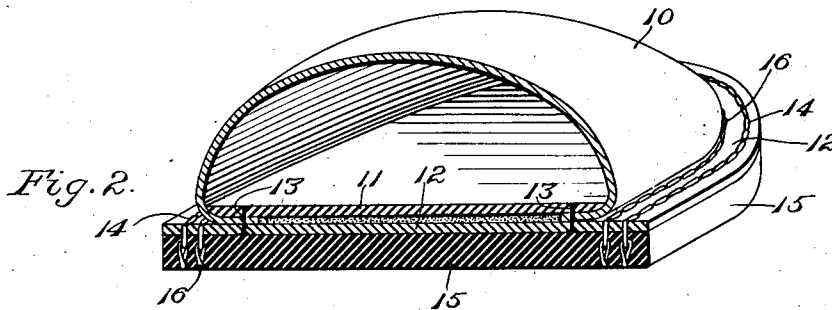


Fig. 2.

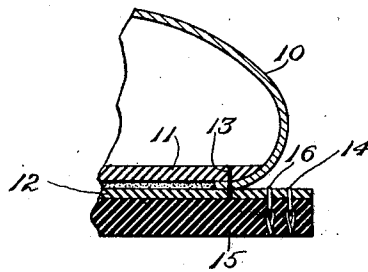


Fig. 3.

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UNITED STATES PATENT OFFICE.

CHARLES S. BIRD, OF WALPOLE, MASSACHUSETTS, ASSIGNOR TO RUBBERHIDE COMPANY, OF BOSTON, MASSACHUSETTS, A CORPORATION OF MASSACHUSETTS.

BOOT OR SHOE.

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To all whom it may concern:

Be it known that I, CHARLES S. BIRD, a citizen of the United States, residing at Walpole, county of Norfolk, Commonwealth of Massachusetts, have invented a certain new and useful Improvement in Boots or Shoes, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to boots or shoes, and especially to work or sport shoes, having extension soles composed of rubber, composition, or equivalent material.

In shoes of this type, difficulty has been encountered in securing the rubber or composition outsole to the leather welt or other part secured to the upper, by means of the usual outseam, with sufficient permanence to prevent separation of these parts along their edges, this difficulty being increased with the width of the extension. Under conditions of rough usage, therefore, there is a tendency for the edge of the outsole to separate from the part to which it is secured, particularly at the toe of the shoe, at which place dirt and other foreign matter is likely to become wedged between the parts, tending to separate them further and eventually destroying the shoe.

In accordance with the present invention, this difficulty is overcome by the employment of two parallel lines of stitching, especially around the toe of the shoe, the second line of stitching extending through the superimposed parts parallel to the regular outseam, and being located in close proximity to the upper, so as to be concealed thereby. In this manner the shoe, while not differing in appearance from the ordinary extension sole shoe, is so reinforced about the toe as to prevent separation of the edges of the outsole and the part to which it is attached.

The objects of the invention, together with means whereby the same may be carried into effect, will best be understood from the following description of one form of embodiment thereof illustrated in the accompanying drawings, in which:

Fig. 1 is a plan view of a shoe constructed in accordance with the invention.

Fig. 2 is an enlarged perspective view, in section substantially on the line 2—2, Fig. 1, of the forepart of the shoe.

Fig. 3 is an enlarged detail section taken substantially on the line 3—3, Fig. 1.

While the invention is applicable to Good-year welt, stitch down, and other shoes wherein the outsole is secured by an outseam to a part projecting laterally from the upper, it is herein shown as embodied in a shoe comprising an upper 10, an insole 11, and a leather outsole lift 12, the edge of the upper being received between said insole and outsole lift, and the superimposed parts being all secured together by nails or other suitable fasteners 13 extending therethrough. Outside the shoe, the projecting portion of the outsole lift 12 has secured thereto, by an outseam 14, a second outsole lift 15, which may be composed of rubber, composition, or equivalent material. The outseam 14 comprises a line of stitching extending about the forepart of the shoe and also extending substantially all the way through the outsole lifts 12 and 15. Within the outseam 14, and extending parallel thereto about the toe portions of the shoe only, is a second line of stitching 16 which also extends substantially all the way through the superposed parts, and which is located relatively close to the upper, so as to be concealed by the outwardly curved portion thereof when the shoe is viewed from the top, as shown in Figure 1. The two parallel seams 14 and 16 cause the projecting edges of the outsole lifts to be bound together so closely and securely as to prevent their accidental separation, as well as the introduction therebetween of foreign matter, the two seams reinforcing one another so as to give the shoe added strength around the toe portion where such strength is needed.

What I claim is:

A boot or shoe having an upper, a part secured to and projecting laterally from said upper, the portion of said upper adja-

cent said projecting part curving outwardly above the same, an outsole secured to said projecting part about the forepart of the shoe by a line of stitching extending substantially all the way through both of said parts, and a second line of stitching extending about the toe portion only of the shoe parallel to said first named line of stitch-

ing and within the same and in close proximity to the upper, said second line of stitching being concealed by the outwardly curved portion of the upper and also extending substantially all the way through said projecting part and outsole.

In testimony whereof I affix my signature.

CHARLES S. BIRD.