Dec. 26, 1950 R. I. BARR 2,535,560

SHOE WITH MARGINALLY-DOWNTURNED SOLE

Filed May 2, 1949

Fig. 1.

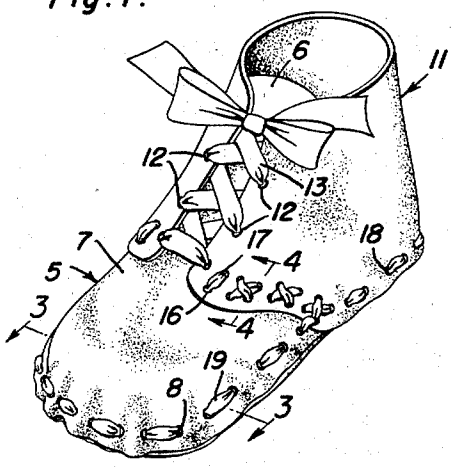


Fig. 2.

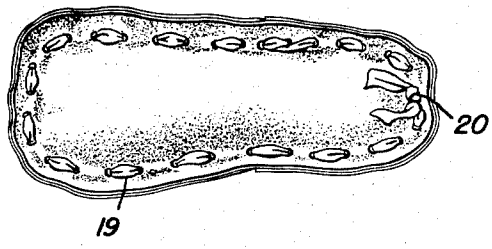


Fig. 6.

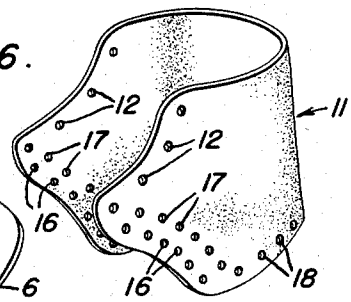


Fig. 5.

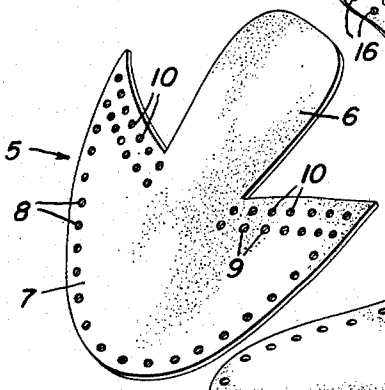
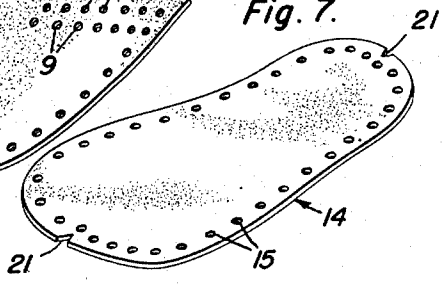


Fig. 7.



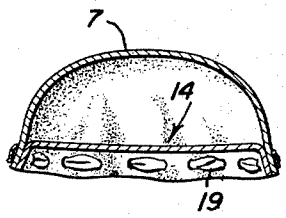
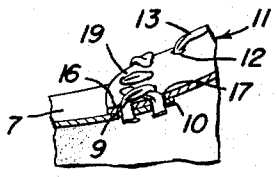


Fig. 3.

Fig. 4.



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SHOE WITH MARGINALLY-DOWNTURNED SOLE

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2 Claims. (Cl. 36—12)

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This invention relates to shoes, and more particularly to soft shoes for babies or infants which are adapted to be laced at the front to secure the shoe on the foot of the wearer.

An object of the present invention is to provide a shoe of the above kind composed of a few simple parts adapted to be readily laced together in assembled relation by a continuous ribbon so as to avoid stitching and provide a durable shoe having a neat and attractive appearance.

Another object is to provide a shoe of the above kind which will be economical to manufacture, easy to don or remove, and comfortable to wear.

The exact nature of the invention will become apparent from the following description when considered with the accompanying drawing, in which:

Figure 1 is a front perspective view of a shoe embodying the invention.

Figure 2 is a bottom plan view thereof.

Figure 3 is a transverse section taken on the line 3—3 of Figure 1.

Figure 4 is a fragmentary section taken on the line 4—4 of Figure 1.

Figure 5 is a perspective view of the unitary vamp and tongue portion of the shoe.

Figure 6 is a perspective view of the rear upper or quarter portion of the shoe as it appears when shaped.

Figure 7 is a perspective view of the sole portion of the shoe.

Referring in detail to the drawing, 5 indicates the unitary vamp and tongue portion cut from a single sheet of soft leather or like material so that the tongue 6 is integral with and projects from the rear edge of the vamp 7 midway between the sides of the latter. Along its front and sides, the vamp 7 is provided with a series of uniformly spaced apertures 8, while two parallel rows of uniformly spaced apertures 9 and 10 are provided along the rear edge of said vamp at each side of the tongue 6.

The shoe also includes a rear upper or quarter portion 11 cut from a single sheet of leather or the like and adapted to extend around the heel with its upper front edge portions overlapped upon the opposite side edges of the tongue 6 and its lower front edge portions overlapped and secured upon the rear edge portions of the vamp 7 at opposite sides of said tongue. Along its upper front edges, the portion 11 has rows of uniformly spaced apertures 12 adapted to receive a ribbon 13 by means of which said edges are laced together to secure the shoe on the wearer's foot.

The shoe further includes a sole portion 14,

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cut from a single sheet of soft leather or the like and provided along its edge with a continuous series of uniformly spaced apertures 15. The margin of the sole portion is turned down and fitted within the lower portion of the upper composed of the portions 5 and 11.

The quarter portion has two parallel rows of uniformly spaced apertures 16 and 17 along its lower front edges and a series of uniformly spaced apertures 18 along its bottom edge. When the portions 5, 11 and 14 are assembled, the apertures 8 and 18 are registered with the apertures 15 and the apertures 9 and 10 are registered with the apertures 16 and 17, respectively, and a single ribbon 19 is tightly laced through these registered apertures and has its ends tied together beneath the sole portion as at 20 to secure said portions in assembled relation. After passing through the apertures 8 and 15, the ribbon 19 alternately passes through alternate registered apertures 16 and 9, and 10 and 17, up each side of the shoe, then through the remainder of these registered apertures down each side of the shoe, and then through the registered apertures 15 and 18 to the point 20 where the ends of said ribbon are tied together. The sole portion 14 has V-shaped notches 21 in the edges thereof, at the heel and toe ends thereof, so that the margin of said sole portion will not pucker or bulge when turned down.

From the foregoing description, it is believed that the nature and advantages of the present invention will be readily understood by those skilled in the art.

Having described the invention, what is claimed as new is:

1. A shoe of the character described comprising a unitary vamp and tongue portion having a series of apertures along its front and side edges and two parallel rows of apertures along its rear edge at opposite sides of the tongue, a unitary quarter portion having a row of lacing apertures along its upper front edges and along its bottom edge and two parallel rows of apertures along its lower front edges, the upper front edge portions of the quarter portion being overlapped upon the tongue and the lower front edge portions thereof being overlapped upon the rear edge portions of the vamp at opposite sides of the tongue with the parallel rows of apertures thereof registered with the parallel rows of apertures of the vamp, a unitary sole portion provided with a continuous series of apertures along its edge, the margin of the sole portion being turned down and fitted within the lower portion of the upper

composed of the vamp and tongue portion and the quarter portion with the apertures of the sole portion registered with the apertures along the front and sides of the vamp and the bottom apertures of the quarter portion, and a single lace passing through all of said registered apertures and having its ends tied together beneath the sole portion for securing the several portions in assembled relation.

2. A shoe of the character described comprising an upper composed of a unitary vamp and tongue portion, and a unitary quarter portion having its lower front edge portions overlapped upon the rear edge portions of the vamp at opposite sides of the tongue, a sole portion having its margin turned down and fitted within the lower portion of the upper, a single ribbon lacing securing the overlapped edge portions of the vamp and tongue portion and the quarter portion together, and the lower edge portions of the vamp and tongue portion and the quarter portion to the margin of the sole portion, and a lace for drawing the upper front edges of the quarter portion together to secure the shoe on the foot of the wearer.

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The following references are of record in the file of this patent:

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