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J. B. RIGHTER

CUSHION LIFT FOR SHOES

Filed Oct. 16, 1926

Fig. 1.

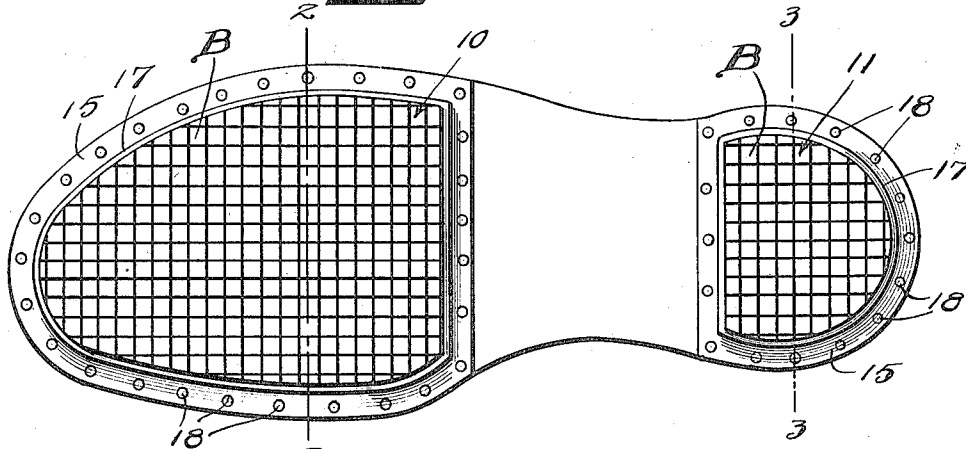


Fig. 2.

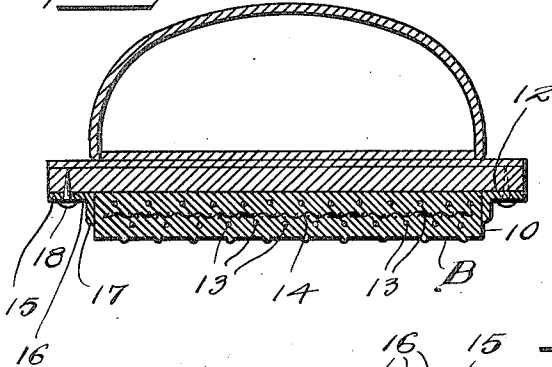


Fig. 3.

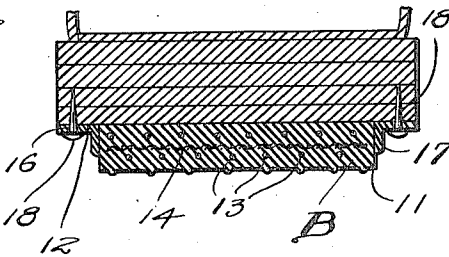
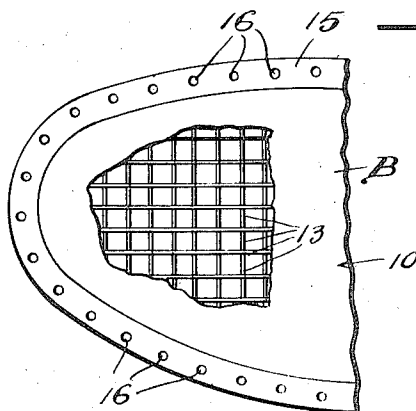


Fig. 4.



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CUSHION LIFT FOR SHOES.

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This invention relates to improvements in the construction of cushioned soles and heels for shoes and has for an important object thereof the provision of a lift for use on either the heel or sole of a shoe constructed of an elastic rubber body having embedded therein either elastic or cords.

A further object of the invention is the provision of a novel and improved means for attaching the lift to the shoe.

These and other objects I attain by the construction shown in the accompanying drawings, wherein for the purpose of illustration is shown a preferred embodiment of my invention and wherein:—

Figure 1 is a bottom plan view of a shoe having lifts constructed in accordance with my invention applied thereto;

Figure 2 is a section on the line 2—2 of Figure 1;

Figure 3 is a section on the line 3—3 of Figure 1;

Figure 4 is a fragmentary top plan view of one of the lifts partially broken away to show the arrangement of the cords therein.

Referring now more particularly to the drawings, the numeral 10 generally designates a sole and 11 a heel lift for a shoe constructed in accordance with my invention.

Each lift 10 or 11 conforms to the shape of that portion of the shoe to which it is to be attached and is preferably made slightly smaller than the associated portion of the shoe, so that when properly applied thereto, the margin 12 is provided about the body of the lift. The body B of the lift is formed of soft rubber having embedded therein either cords 13 or fabric 14 or a combination of these elements. The use of these elements prevents the lift from stretching and enables it to retain its proper position with relation to the sole or the heel of the shoe. This body has vulcanized thereto a hard or semi-hard rubber flange 15 which makes the complete lift of the same contour and size as the shoe lift to which it is to be attached. This flange has openings 16 formed therein for the passage of securing elements 18, such as brads or screw nails.

In constructing the lift for the sole, the body B is preferably made of the same size as that portion of the sole which directly underlies the shoe while the flange underlies that portion of the sole which extends beyond the edges of the shoe. In attaching

the flange, the outer edge of the lift 10 or 11 is preferably provided with a rim 17 of less depth than the lift and of the same material as the flange 15. This structure provides a broad attaching base for the flange and at the same time does not interfere in any way with the cushioning effect of the heel.

Since the construction hereinbefore set forth is capable of a certain range of change and modification without materially departing from the spirit of the invention, I do not limit myself to such specific structure except as hereinafter claimed.

I claim:—

1. A cushion lift comprising a continuous flange member of semi-hard material, said flange member having angularly disposed upper and inner portions, a body of soft elastic material bound within the inner portion of the flange member and having an upper surface lying in the same plane as that in which the upper surface of the upper portion lies, the lower surface of said body lying in a plane spaced below the plane in which the lower edge of the inner portion lies, and reticulated cords embedded in the body and disposed between the opposite sides of the inner portion of the flange.

2. A cushion lift comprising a continuous flange member of semi-hard material, said flange member having angularly disposed upper and inner portions, a body of soft elastic material bound within the inner portion of the flange member and having an upper surface lying in the same plane as that in which the upper surface of the upper portion lies, the lower surface of said body lying in a plane spaced below the plane in which the lower edge of the inner portion lies, and groups of reticulated cords embedded in the body and disposed between the opposite sides of the inner portion of the flange, one group of cords being disposed above the lower edge of the flange and the other group disposed below the lower edge of the flange.

3. A cushion lift comprising a continuous flange member of semi-hard material, said flange member having angularly disposed upper and inner portions, a body of soft elastic material bound within the inner portion of the flange member and having an upper surface lying in the same plane as that in which the upper surface of the upper

portion lies, the lower surface of said body lying in a plane spaced below the plane in which the lower edge of the inner portion lies, groups of reticulated cords embedded in the body and disposed between the opposite sides of the inner portion of the flange, one group of cords being disposed above the lower edge of the flange and the other group disposed below the lower edge of the flange, and a piece of fabric embedded in the body and lying between the groups of cords. 10

In testimony whereof I hereunto affix my signature.

JAMES B. RIGHTER.