June 24, 1958 W. C. C. BURTON, JR 2,839,845

INTERCHANGEABLE ANTI-SLIP SHOE SOLE ATTACHMENT

Filed March 5, 1957

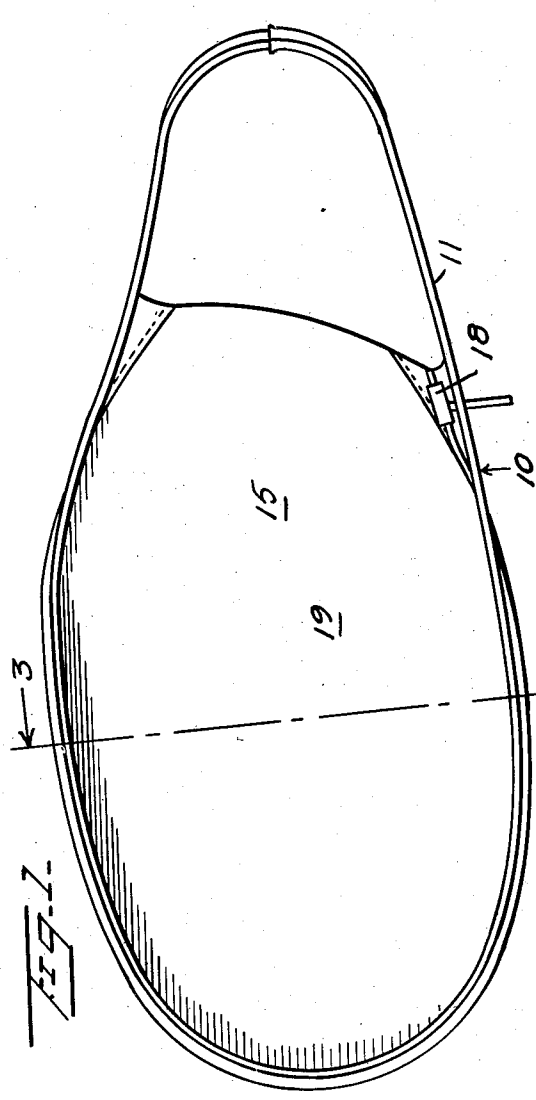



Fig. 1.

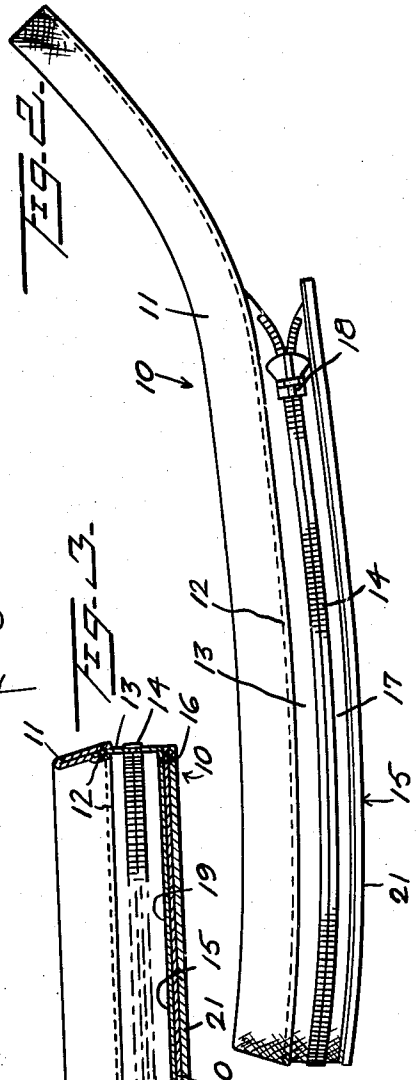



Fig. 2.




Fig. 3.

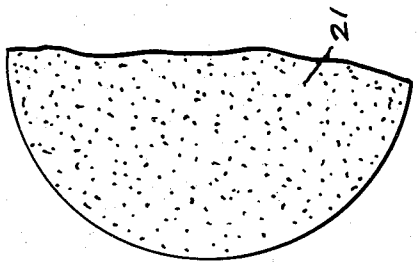



Fig. 4.

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# INTERCHANGEABLE ANTI-SLIP SHOE SOLE ATTACHMENT

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1 Claim. (Cl. 36—7.7)

The present invention relates to attachable and detachable anti-slip devices for shoe soles having interchangeable anti-slip surfaces.

The primary object of the invention is to provide an interchangeable anti-slip surface detachably secured to a shoe in underlying relation to the sole so as to decrease the slipping qualities of the sole.

Another object of the invention is to provide an interchangeable anti-slip member having a detachable slide fastener construction for securing the anti-slip material to the remainder of the device.

A further object of the invention is to provide a device of the class described above which is inexpensive to manufacture, simple to apply and use, and which will materially increase the safety of the user when walking on slippery surfaces.

Other objects and advantages will become apparent in the following specification when considered in the light of the attached drawings, in which:

Figure 1 is a top plan view of the invention.

Figure 2 is a side elevation of the invention.

Figure 3 is a transverse cross-section taken along the line 3—3 of Figure 1, looking in the direction of the arrows.

Figure 4 is a fragmentary bottom plan view illustrating the anti-slip surface.

Referring now to the drawings in detail wherein like reference characters indicate like parts throughout the several figures, the reference numeral **10** indicates generally an interchangeable anti-slip shoe sole attachment constructed in accordance with the invention.

The attachment **10** comprises an elastic band **11** which is folded on itself, as indicated in Figure 3, and sewed together by stitching **12** with the tape **13** on one side of a slide fastener **14** secured therebetween.

A panel **15** having the same general shape and size as a shoe sole is secured by any suitable means, such as stitching **16**, to the tape **17** of the slide fastener **14**. A slider **18** is arranged on the slide fastener **14** so as to separate the tapes **13** and **17** to detach the panel **15** from the band **11**.



The panel **15** comprises an inner portion **19** formed of fabric or other suitable material, a central fabric back **20**, and an abrasive coating **21** secured to the fabric back **20** by suitable adhesive means.

In the use and operation of the invention, the elastic band **11** is engaged over the sides of the shoe with the panel **15** in position beneath the shoe sole so that the abrasive surface **21** will be positioned for engagement with the walking surface. When the abrasive surface **21** becomes exhausted, it can be replaced by separating the slide fastener **14** with the slider **18** and applying a new panel **15** by means of a half slide fastener thereon.

It should be obvious that the elastic band **11** makes the application and removal of the attachment **10** from the shoe exceedingly easy so that on reaching areas such as hardwood floors which would be scratched by the abrasive surface **21**, the attachment **10** can be quickly removed from the shoe.

Having thus described the preferred embodiment of the invention, it should be understood that numerous structural modifications and adaptations may be resorted to without departing from the scope of the appended claim.

What is claimed is:

An interchangeable, anti-slip shoe sole attachment comprising an endless elastic band folded on itself, a flexible fabric material panel having the configuration of a shoe sole, an abrasive coating on the bottom of said panel, an elongated separable slide fastener, and a slider, one side of said slide fastener being fixedly secured to the upper portion of said panel adjacent the marginal edges thereof, the other side of said slide fastener being secured by stitches between the folded sides of said elastic band whereby said panel is detachably secured to said band by said fastener so that the panel may be replaced when it has worn out.

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