

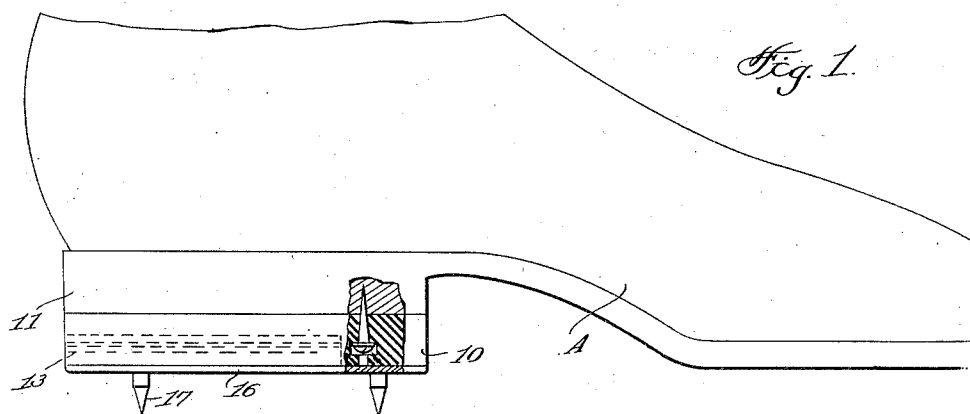
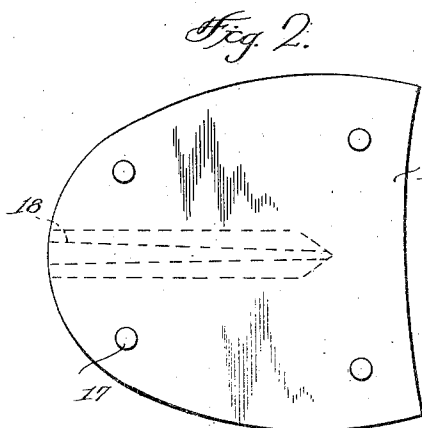
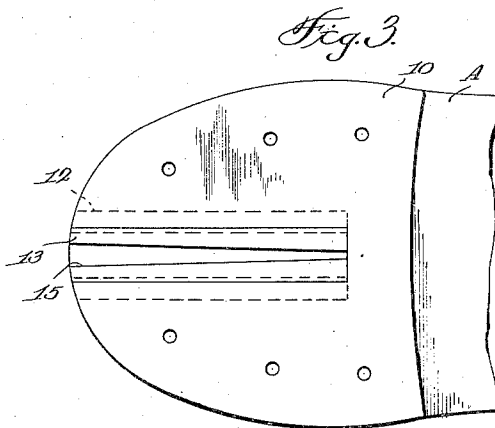
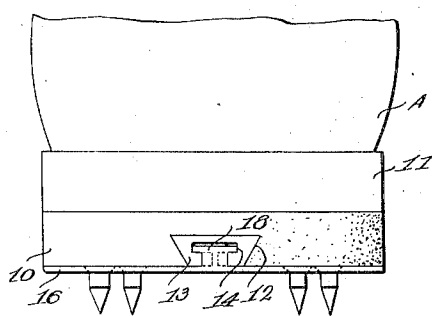
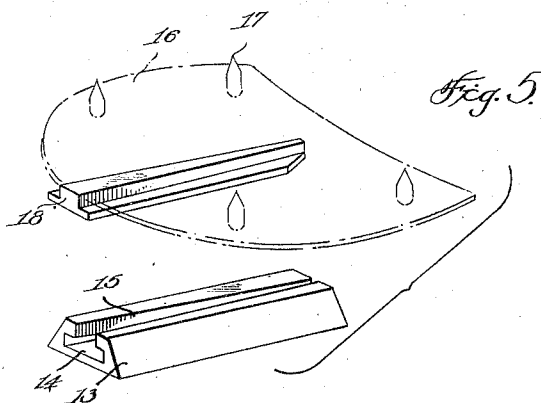
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HEELPLATE

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HEELPLATE

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3 Claims. (Cl. 36—62)

The invention relates to footwear heel plates and more especially to a non-skid heel for boots, shoes or the like.

The primary object of the invention is the provision of a heel of this character, wherein the same is constructed with calks and is susceptible of convenient fitting with the outer heel lift of footwear so as to assure against slipping on ice, slippery surfaces or otherwise in the wearing of the boot, shoe or the like.

Another object of the invention is the provision of a heel of this character, wherein the same is of a kind that will enable quick detachment so that when the heel becomes worn or otherwise unsatisfactory for service, replacement thereof can be had with dispatch, the non-skid part or element being of novel construction and is fitted at the heel end of a shoe in a novel manner.

A further object of the invention is the provision of a heel of this character, which is extremely simple in its construction, thoroughly reliable and efficient in operation, readily and easily attachable to and removable from the heel end of a shoe, being for non-skid purposes when in use, strong, durable, and inexpensive to manufacture and install.

With these and other objects in view, the invention consists in the features of construction, combination and arrangement of parts as will be hereinafter more fully described, illustrated in the accompanying drawing, which discloses the preferred embodiment of the invention and pointed out in the claims hereunto appended.

In the accompanying drawing:

Figure 1 is a fragmentary elevation of a shoe of conventional form showing the device constructed in accordance with the invention applied thereto, the heel area of the shoe being partly broken away.

Figure 2 is a plan view of the heel plate per se.

Figure 3 is a fragmentary plan view looking toward the heel area of the shoe with plate removed.

Figure 4 is a fragmentary rear end elevation with the heel plate in place.

Figure 5 is an exploded perspective view of the elements of the invention.

Similar reference characters indicate corresponding parts throughout the several views in the drawing.

Referring to the drawing in detail, A designates generally a portion of a boot, shoe or the like, being of conventional form having an outer

rubber heel lift 10 joined in the usual manner to the heel area 11 for the boot or shoe.

Formed at the longitudinal median of the outer lift 10 is a dovetail shaped groove 12 which opens through the rearmost edge of said lift at one end thereof while the opposite end is closed and is removed from the front end of said lift 10. Fixedly held within this groove 12 is a dovetail shaped bushing 13 of metal having opening through the outer side thereof a substantially T-shaped slot 14, which at the opening side thereof is tapered in one direction, as at 15, and this open side of the slot is outermost when the cleat 13 is fixedly held within the lift 10.

Matching the outer lift 10 is a heel plate 16 having projecting from the outermost face thereof spurs or calks 17 while on the innermost face of this plate is fixed a key 18 of corresponding shape to the slot 14 and is removably fitted therein for wedging engagement with the bushing 13 so that the plate 16, which is preferably of metal, is worn at the outermost side or face of the lift 10, the spurs or calks 17 being for the purpose of preventing slippage when walking over ice or slippery surfaces in the use of the boot or shoe.

The plate 16 can be readily detached from the lift 10 on removal of the key 18 from the slot 14 accommodating the same within the bushing 13, which is permanently worn within the lift 10.

The slot 14 with respect to the tapered formation of the open side 15 thereof is directed in a forward direction for the lay of the taper formation in this direction of the open side of said slot so that the key 18 can be freely inserted within the slot 14 from the rear of the boot or shoe and when the key 18 is driven therein it will be frictionally held in a secure manner for retention of the plate 16, preferably made from metal, in wearing position.

What is claimed is:

1. The combination of a resilient outer heel lift having a slotted bushing therein, a plate for matching the heel lift, and a key permanently held on the plate and engageable in the slot in the bushing for separate fitting of the plate in matched relation to said lift.

2. The combination of a resilient outer heel lift having a slotted bushing therein, a plate for matching the heel lift, a key permanently held on the plate and engageable in the slot in the bushing for separable fitting of the plate in matched relation to said lift, and calks extending

outwardly from the plate in its matched relation to the said lift.

3. The combination of a resilient outer heel lift having a slotted bushing therein, a plate for
5 matching the heel lift, a key permanently held on the plate and engageable in the slot in the bushing for separable fitting of the plate in

matched relation to said lift, and calks extending outwardly from the plate in its matched relation to the said lift, the said slot having a tapered opening side thereto and the key correspondingly tapered for a portion thereof with respect to
8 said entrance open side of the slot.

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