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S. CARELLI

2,017,038

HEEL PROTECTING PLATE

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Fig. 1.

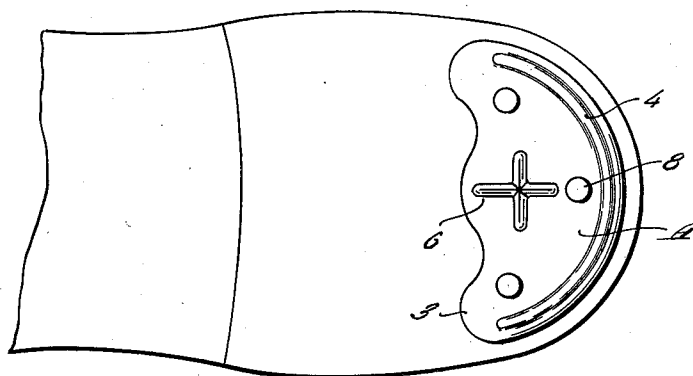


Fig. 2.

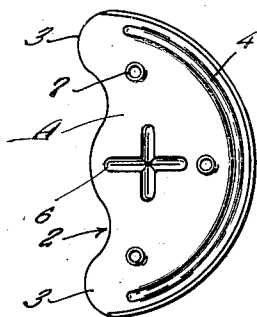
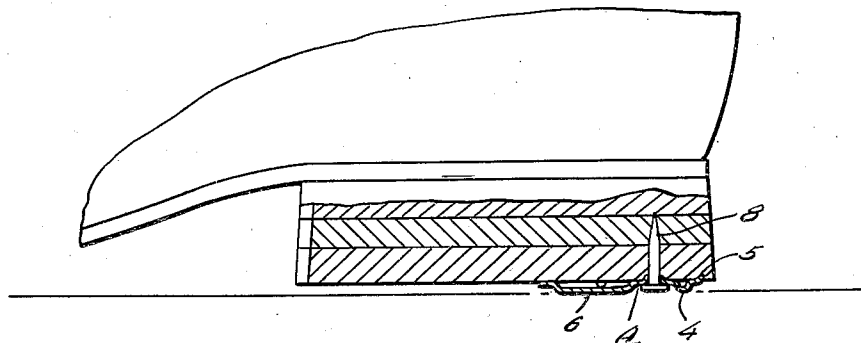


Fig. 3.

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HEEL PROTECTING PLATE

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1 Claim. (Cl. 36—73)

This invention relates to a heel protecting plate, the general object of the invention being to provide a plate which can be manufactured to sell at low cost and which is so formed as to prevent slippage of the heel on wet or slippery surfaces.

This invention also consists in certain other features of construction and in the combination and arrangement of several parts, to be herein after fully described, illustrated in the accompanying drawing and specifically pointed out in the appended claim.

In describing the invention in detail, reference will be had to the accompanying drawing wherein like characters denote like or corresponding parts throughout the several views, and in which:

Fig. 1 is a fragmentary bottom plan view of a shoe showing the heel plate attached to the heel thereof.

Fig. 2 is a fragmentary elevation with the heel of the shoe in section and with the plate in section.

Fig. 3 is a plan view of the plate.

In this drawing, the letter A indicates the plate which is preferably formed of thin metal and preferably punched by a press, the plate having one edge of substantially semi-circular form with its front edge having recesses 2 therein spaced apart to form the two end projections and a central projection as shown at 3.

A substantially semi-circular bead 4 is formed on the rear part of the plate adjacent the curved edge thereof and said curved edge is formed with the flange 5. A substantially cross-shaped projection 6 is pressed in the plate, one member extending transversely with respect to the heel and the other longitudinally with respect to the heel and holes 7 are formed in the plate, located as shown for receiving the nails 8 which fasten the plate to the heel. In punching these holes, the metal is pressed upwardly so that this metal will enter the heel as shown in Fig. 2.

Thus, it will be seen that I have provided a heel plate which can be manufactured to sell at low cost and which can be easily and quickly attached to a heel and when so attached, the plate will prevent the heel slipping on slippery surfaces due to the projecting ribs and the projecting parts 6 and these projecting parts will protect the heads of the nails from wear as they will prevent the heads of the nails from striking the surface over which the wearer of the shoes is walking.

It is thought from the foregoing description that the advantages and novel features of the invention will be readily apparent.

It is to be understood that changes may be made in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.

I claim:

A heel plate of substantially semi-circular shape with its front edge having a pair of arcuate shaped recesses therein, located one on each side of the center of the plate, said recesses forming a short and rounded central projection and a pair of longer and rounded end projections, the rear arcuate shaped edge of the plate having an upstanding flange thereon for entering the heel, a substantially semi-circular bead formed in the rear part of the plate and slightly spaced from the flanged edge, the end of the bead terminating in spaced relation from the end projections, said bead projecting from the lower face of the plate forming an arcuate shaped groove in the upper face thereof, and said plate having nail receiving holes therein, said holes being punched in the plate, the metal offset by the punching of the holes extending upwardly from the upper face of the plate and entering the heel when the plate is nailed to the heel.

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