March 9, 1943. A. F. SMITH, SR 2,313,368

CIRCULAR SHOE HEEL

Filed Aug. 14, 1942

Fig. 2.

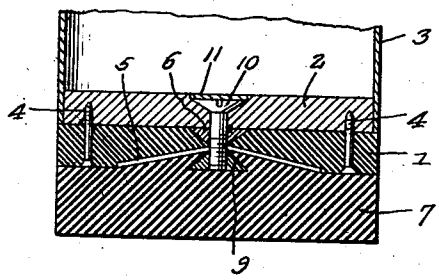


Fig. 1.

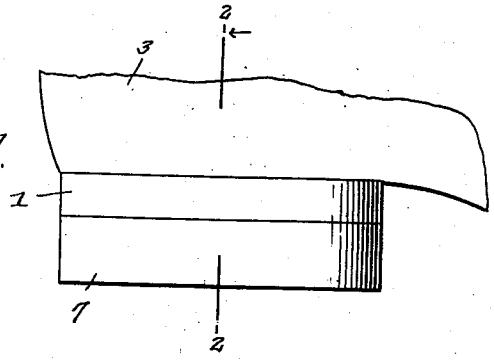
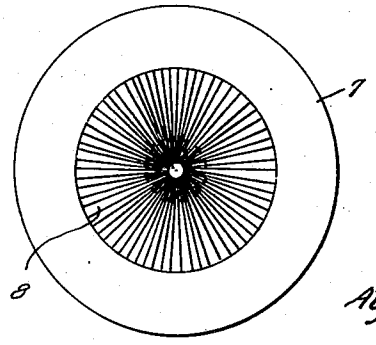


Fig. 3.



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CIRCULAR SHOE HEEL

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2 Claims. (Cl. 36—39)

The present invention relates to new and useful improvements in shoe heels and has for one of its important objects to provide, in a manner as hereinafter set forth, a device of this character which is adapted to be rotatably adjusted whereby a new wearing surface may be conveniently brought into position when desired.

Another very important object of the invention is to provide a circular shoe heel of the character described comprising a rotatably adjustable lift which may be conveniently removed for replacement when necessary.

Still another very important object of the invention is to provide a circular shoe heel comprising unique means for releasably securing the rotatable lift in adjusted position.

Other objects of the invention are to provide a circular, rotatably adjustable shoe heel of the character set forth which will be comparatively simple in construction, durable, attractive in appearance and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawing wherein like characters of reference designate corresponding parts throughout the several views, and wherein:

Figure 1 is a view in side elevation of a circular shoe heel constructed in accordance with the present invention.

Figure 2 is a cross sectional view, taken substantially on the line 2—2 of Figure 1.

Figure 3 is a top plan view of the rotatably adjustable lift.

Referring now to the drawing in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a circular body 1 of leather or other suitable material. The body 1 is firmly secured in position beneath the heel portion 2 of a shoe 3 by fastening elements 4.

The bottom of the body 1 has formed centrally therein a substantially conical, radially ribbed recess or depression 5. At the apex of the substantially conical depression 5 a conical nut 6 is embedded in the body 1 from the top thereof.

Mounted for rotary adjustment beneath the body 1 is a removable circular lift 7 of suitable material, preferably rubber. The lift 7 has formed on its top a substantially conical, centrally located, radially ribbed projection 8 which is engageable in the correspondingly shaped recess 5 in the body 1. A substantially conical nut 9 is embedded in the apex of the projection 8.

A headed screw 10 is inserted through an opening provided therefor in the heel portion 2 of the shoe 3 and threaded through the nuts 6 and 9 for securing the lift 7 in adjusted position on the body 1. The head of the screw 10 is countersunk in the shoe heel portion 2 and covered by a removable disk 11.

It is thought that the manner in which the heel functions will be readily apparent from a consideration of the foregoing. Briefly, with the screw 10 tightened, the ribs on the body 1 and the lift 7 interlock and said lift is thus secured firmly in adjusted position. When it is desired to rotatably adjust the lift 7 to bring a new wearing surface into position, the screw 10 is simply loosened. To replace the lift 7, the screw 10 is screwed out of the nut 9.

It is believed that the many advantages of a circular shoe heel constructed in accordance with the present invention will be readily understood and although a preferred embodiment is as illustrated and described, it is to be understood that changes in the details of construction may be resorted to which will fall within the scope of the invention as claimed.

What is claimed is:

1. A shoe heel comprising a circular body secured beneath the heel portion of a shoe, said body having a substantially conical recess therein, a circular lift mounted beneath the body and including a substantially conical projection engaged in the recess, and means rotatably and adjustably securing the lift in position beneath the body, said means including a substantially conical nut embedded in the apex of the projection, and a screw passing downwardly through the heel portion of the shoe and the body and threadedly engaged with said nut.

2. A shoe heel of the character described comprising a circular body secured beneath the heel portion of a shoe, said body having a centrally located, substantially conical, radially ribbed recess therein, a substantially conical nut embedded in the body at the apex of the recess, a circular lift mounted beneath the body, said lift comprising a centrally located, substantially conical, radially ribbed projection engaged in the recess, a substantially conical nut embedded in the apex portion of the projection, and a screw threadedly engaged in the nuts for adjustably and removably securing the lift in position beneath the body, said screw including a head countersunk in the heel portion of the shoe.

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