V. F. MALISZEWSKI.

DETACHABLE RESILIENT HEEL TREAD.

APPLICATION FILED APR. 27, 1917.

1,274,734. **Patented Aug. 6, 1918.**

FIG. 1.

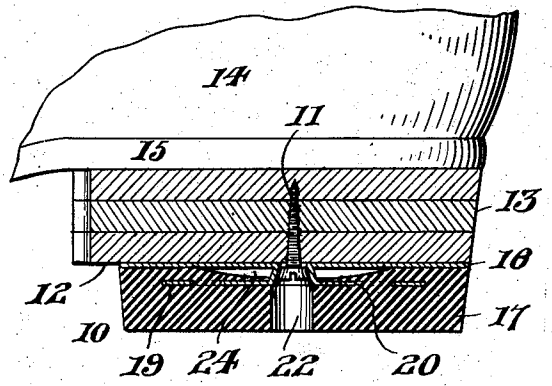


FIG. 2.

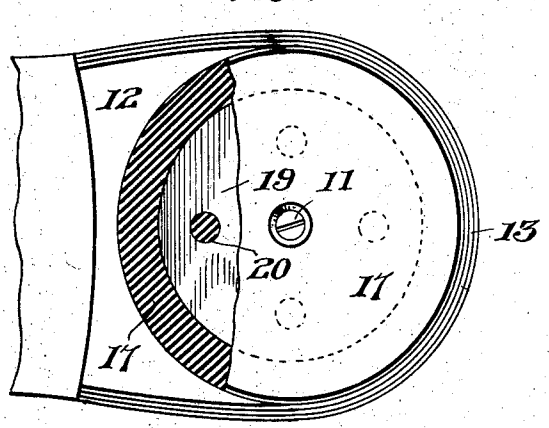
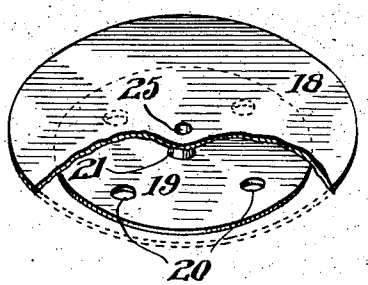


FIG. 3.



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DETACHABLE RESILIENT HEEL-TREAD.

1,274,734. Specification of Letters Patent. Patented Aug. 6, 1918.

Application filed April 27, 1917. Serial No. 164,877.

To all whom it may concern:

Bt it known that I, VINCENT F. MALISZEWSKI, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Detachable Resilient Heel-Treads, of which the following is a specification.

This invention relates to certain new and useful improvements in detachable resilient heel treads.

The primary object of the invention is the provision of a rubber tread portion for articles of footwear that may be readily attached to the heel, the same possessing great strength and durability.

A further object of the device is the provision of a heel tread preferably formed of resilient material suitably attached thereto for insuring even wearing of the device.

A still further object of the device is the provision of a resilient heel tread adaptable for either men's or women's shoes, the same being arranged with a central journaled portion for attaching the same to a shoe heel the construction being easy and inexpensive to manufacture and easily positioned thereon by the owner of the shoe.

In the drawing forming a part of this application and in which like numerals refer to corresponding parts throughout the several views:

Figure 1 is an elevational view of the heel portion of a shoe provided with the present device, the shoe heel and the device being illustrated in section.

Fig. 2 is a bottom plan view thereof partially broken away.

Fig. 3 is a perspective view of the reinforce member partially broken away.

It being understood that the device broadly consists of a resilient heel tread or lift portion, the same is herein illustrated at 10, detachably secured by means of a screw 11 to the lower face 12 of the heel 13 of a shoe 14 having the usual sole 15.

The tread 10 comprises a substantially spool or reel-shaped metallic frame or reinforce member 16 embedded within a rubber block 17. The metal reinforce 16 comprises an imperforate disk 18 which constitutes the upper face of the present tread member normally flatly engaging the heel bottom 12 while a parallel disk portion 19 of the reinforce 16 is embedded within the block 17 being arranged with perforations 20 through which the rubber of the block extends while a tapered tubular hub 21 centrally connects the disks 18 and 19 together. A central opening 22 is provided through the block 17 in axial alinement with the bore 23 of the hub 21 adapted for the reception of the screw 11 which is retained within the hub by reason of the taper thereof, it being understood that the screw 11 is inserted within the heel 13 by means of which the present device is revolubly mounted upon the heel with the rear portion of the present tread member being substantially in alinement with the rear curved outer edge of the heel 13. By means of this arrangement, the owner may readily apply the resilient tread 10 to the heels of his boots and shoes while the revoluble mounting of the tread permits the same to turn during the wearing operation whereby all portions of the same will receive substantially an equal amount of wear and the tread will have a longer life than if secured stationary upon the heel. The block 17 is cut away between the disks 18 and 19 providing a chamber 24 rendering the structure more resilient.

What I claim as new is:—

The combination with a rubber heel of circular form, of a combined wear plate and attaching means therefor comprising a substantially imperforate metal disk flatly engaging the upper face of said heel, a perforated metal disk of relatively smaller diameter parallel with and spaced from said imperforate disk and permanently entirely embedded in said heel, and an upwardly tapered tubular metal hub centrally rigidly connecting said disks, said hub forming a bearing to receive the conical portion of a screw passed therethrough into a shoe heel on which said rubber heel may rotate in use to provide for uniform wear.

In testimony whereof I affix my signature.

VINCENT F. MALISZEWSKI.