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N. R. HATKOFF

2,510,780

CORN PAD

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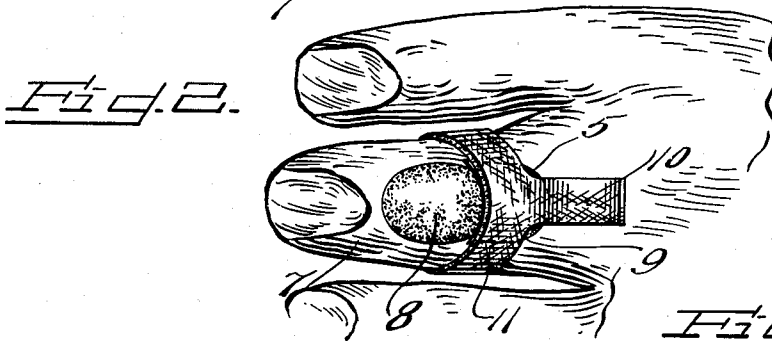
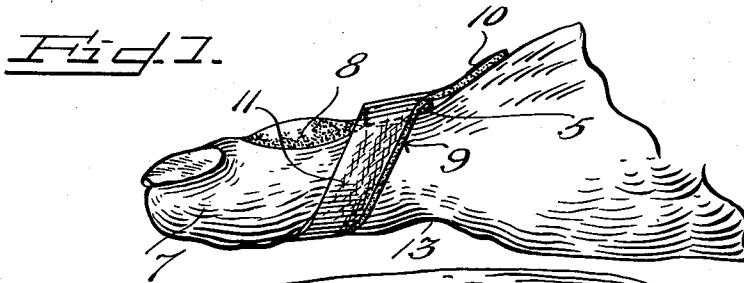


Fig. 4.

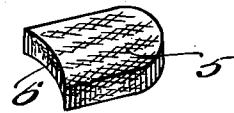
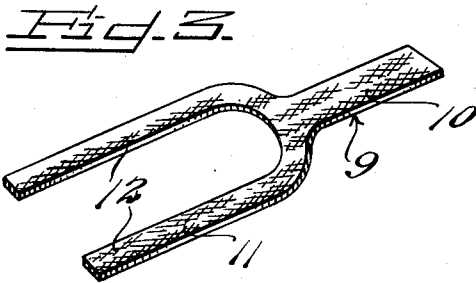
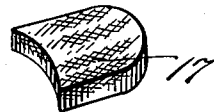
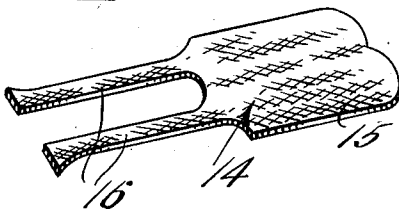


Fig. 6.

Fig. 5.



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UNITED STATES PATENT OFFICE

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CORN PAD

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Application August 3, 1946, Serial No. 688,237

1 Claim. (Cl. 128—153)

1

The present invention relates to new and useful improvements in corn pads together with means for securing the pad in position behind a corn and embodying means for holding the toe of a person's foot in properly distended position while the pad is being worn.

In certain types of pads now commonly used, the pad is constructed in ring form surrounding the corn and has a tendency to force the distal end of the toe down while shielding the corn. This action causes the formation of corns on the joints of the toes because the distal end of the toe is in a downward position and the pad thus aggravates rather than relieves the condition because the pressure that created the corn will also inflame the joint over the corn.

Accordingly it is an object of the present invention to avoid this objectionable feature and to provide a corn shield which not only protects the corn but which also protects the inflamed joint of the corn.

An important object of the invention is to provide a corn pad and retaining means therefor which creates a gentle, yet persistent, lifting effect on the distal end of the toe and holds the pad in position back of the corn in a manner to exert a downward pressure thereon to thus straighten the toe.

A further object of the invention is to provide a device of this character of simple and practical construction, which is efficient and reliable in use, relatively inexpensive to manufacture and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a side elevational view.

Figure 2 is a top plan view.

Figure 3 is a perspective view of the corn pad retaining tape.

Figure 4 is a perspective view of the pad.

Figure 5 is a perspective view of a modified pad retaining tape, and

Figure 6 is a perspective view of a modified pad construction.

Referring now to the drawing in detail wherein for the purposes of illustration, I have disclosed a preferred embodiment of the invention, the numeral 5 designates a corn pad of fibre material, such as cotton, felt or the like, and having an inwardly curved front edge 6 adapted for position-

2

ing on top of a toe 7 immediately behind a corn 8.

The pad is retained in position by means of an adhesive tape designated generally at 9 and which includes a rearwardly extending strip 10 adapted for positioning on top of the toe over the pad and to extend behind the pad longitudinally of the toe and adhesively secured thereto, the front end of the strip 10 terminating in a forked member 11 to provide spaced parallel arms 12 adapted for extending around opposite sides of the toe in spiral form in a forwardly extending direction as shown in Figure 1 of the drawings to embrace the toe forwardly of the joint 13 and adhesively secured to the toe to exert a lifting effect on the distal end of the toe while the pad, which is positioned behind the corn above the joint exerts a downward pressure, thus tending to straighten the toe.

Accordingly, the toe is supported against any tendency of being forced downwardly at the joint thereof.

In the form of the invention illustrated in Figure 5, the retaining tape is designated generally at 14 and includes a relatively wide rear end portion 15 adapted for substantially covering the top of the toe behind the pad with the pair of spaced parallel arms 16 extending forwardly from the front edge of the rear portion 15, the arms 16 being adapted to extend around opposite sides of the toe to embrace the toe in the manner as heretofore described.

A modified pad member is shown at 17 in Figure 6 of the drawing and is constructed of sponge rubber or other similar soft material.

In view of the foregoing description taken in conjunction with the accompanying drawings it is believed that a clear understanding of the construction, operation and advantages of the device will be quite apparent to those skilled in the art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claim.

I claim:

A pad attaching means comprising an elongated substantially rectangular adhesive tape for attachment behind the joint of a toe and adapted to overlie a pad, and a substantially U-shaped member having a pair of spaced parallel leg portions and a web portion joining said leg portions,

2,510,780

3

the web portion of said U-shaped member being integrally formed with one end of said tape, said leg portions having inner spaced parallel edges and said web portion having an inner concaved edge merging with the inner spaced parallel edges of said leg portions, the inner edges of said arms being spaced apart a distance greater than the width of said tape.

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4

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5

10

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