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J. W. SMITH

1,986,124

SHOE PAD

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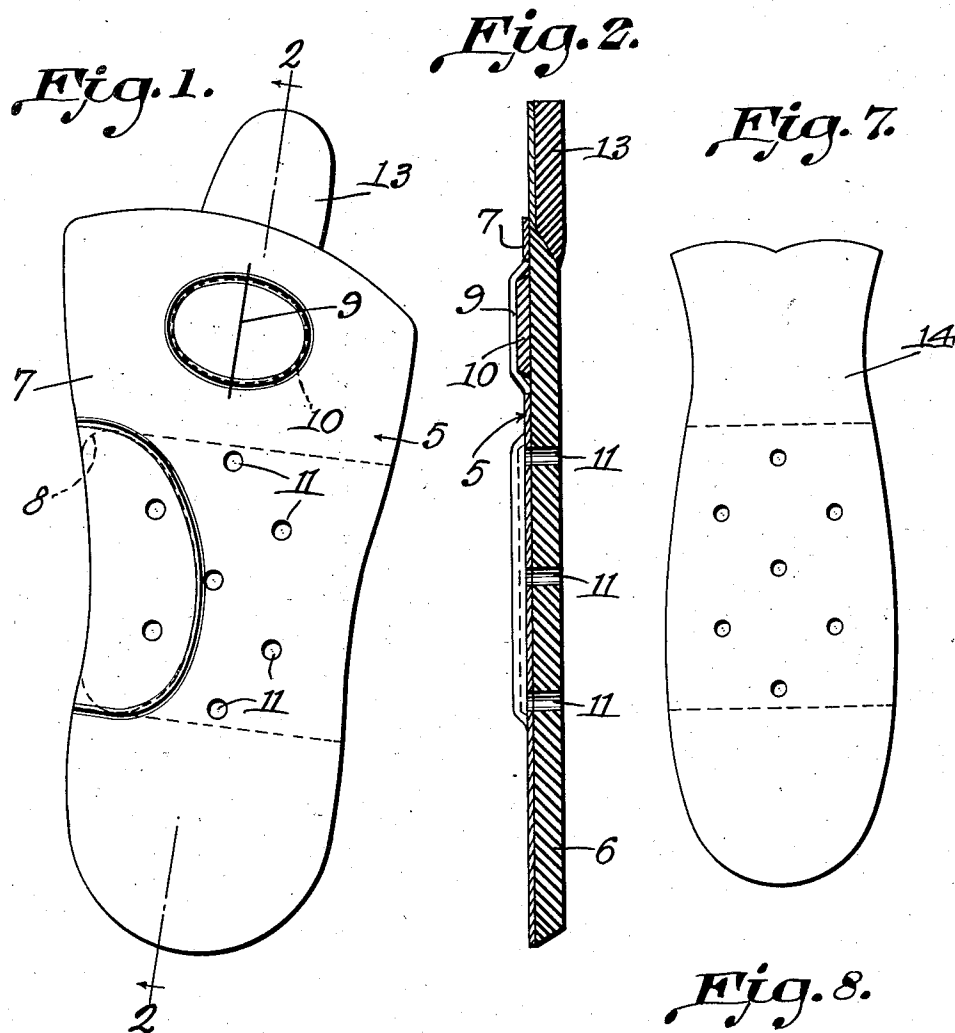


Fig. 3. Fig. 4.

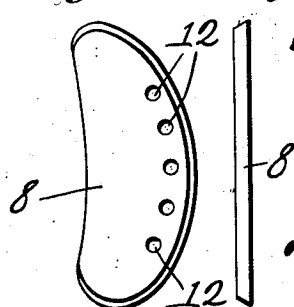


Fig. 5.

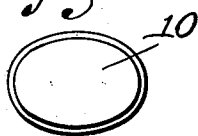
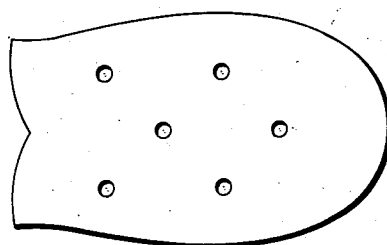
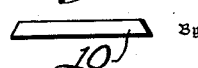


Fig. 6.



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UNITED STATES PATENT OFFICE

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SHOE PAD

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1 Claim. (Cl. 36-71)

This invention has reference to sole pads to be worn in shoes for cushioning the movements of the feet, and at the same time protecting sensitive or calloused portions of the feet.

5 An important object of the invention is to provide a device of this character which may be readily and easily positioned in a shoe, the device having means for securing the auxiliary pads thereto, in such a way that the auxiliary
10 pads may be readily adjusted so that they will support and protect various portions of the foot.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the combination and
15 arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is
20 claimed, without departing from the spirit of the invention.

Referring to the drawing:

Figure 1 is a plan view of a pad constructed in accordance with the invention.

25 Figure 2 is a sectional view taken on line 2-2 of Figure 1.

Figure 3 is a plan view of one of the removable pad sections.

30 Figure 4 is a view illustrating one edge of the auxiliary pad.

Figure 5 is a plan view of a modified form of auxiliary pad.

Figure 6 is a view of one edge of the last mentioned auxiliary pad section.

35 Figure 7 is a plan view illustrating a pad prior to the positioning of the auxiliary pad section.

Figure 8 is a plan view of a pad designed for use in the heel of a shoe.

Referring to the drawing in detail, the reference character 5 designates a pad which is of a length to extend to a point adjacent to the ball section of the shoe, the pad being constructed to exactly fit within the shoe.

In constructing the pad, the main portion of the pad which is indicated by the reference character 6, is constructed of soft rubber material, to which the strip of leather indicated at 7, is secured, the strip of leather conforming to the exact shape of the main portion 6.

50 This strip of leather is secured to the main portion 6, in such a way that a wide strip or intermediate portion of the leather strip, is loose and may be held in spaced relation with the main portion 6, as clearly shown by Figure 1 of
55 the drawing.

The loose portion of the leather strip, forms a pocket with the main portion of the pad, which pocket receives a padding member such as shown by Figure 3 of the drawing, and indicated by the reference character 8, the padding member 8
5 being also constructed of soft rubber material, and curved to meet various requirements. The edge of the padding member 8 is skived so that no objectionable corners are present for the discomfort of the wearer.

Thus it will be seen that due to this construction, the padding member 8 may be moved to any desired position or at any desired angle with respect to the edges of the main portion of the pad, to meet various requirements, thereby providing a pad which is adjustable, and may be
15 readily adjusted by the user to protect calloused portions of the instep of the foot or adjacent to the ball of the foot.

As clearly shown by Figure 1 of the drawing, 20 the leather strip 7 is slit at 9, and that portion of the leather adjacent to the slit, is loose and free of the main portion 6 of the pad providing a pocket near the front end of the pad 5.

The pocket directly under the slit 9, is designed for the reception of the pad 10, which is formed of soft rubber material, to protect a calloused portion which may be present on the ball of the foot.

Openings 11 are formed through the intermediate portion of the pad proper, and provide means for ventilating the foot when the person wearing the pad is walking, the action of the foot against the pad being such as to cause air to be pumped through the openings.

Openings 12 are formed in the pad 8, so that when the pad 8 is in use, it will not obstruct the passage of air through the openings of the main pad.

The lower outer edge of the main portion 6 40 of the pad, is skived, providing a surface to which the skived end of the extension pad 13 may be secured. In securing the extension pad 13, the skived edges of the main pad and extension pad are brought together and securely
45 cemented, after the proper location of the extension pad has been determined.

From the foregoing it will be seen that due to this construction the extension pad may be moved to any desired position for the protection
50 of a sensitive or calloused portion on the area slightly in advance of the ball of the foot.

Figure 7 of the drawing shows a pad similar to the pad illustrated by Figure 1 of the drawing, except that the body portion which is indicated
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by the reference character 14, has its forward end curved to fit another form of shoe, while the pad shown by Figure 8 of the drawing, has been constructed to fit the heel of the shoe.

- 5 With the device shown and described, a pad may be adjusted and securely held in place, in such a way as to protect a sensitive or calloused portion of the foot, regardless of the location of the sensitive or calloused place, the exact
10 location of the pad being determined by the user of the pad.

Having thus described the invention, I claim:

An arch supporting foot pad to be placed in a shoe, comprising a resilient body portion shaped to fit the heel and instep of the shoe in which the pad is positioned, the forward edge of the pad terminating at the ball of the foot, the forward edge of the pad being skived throughout the length thereof, and an elongated pad of less width than the body portion having one edge thereof skived and fitted against the skived edge of the body portion of the pad and cemented to the skived edge of the body portion.

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