

Oct. 9, 1923.

H. J. SOLLIDAY

1,469,968

HEEL PAD

Filed Jan. 14, 1922

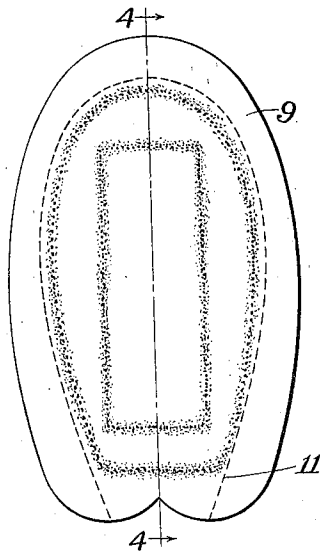


Fig. 1.

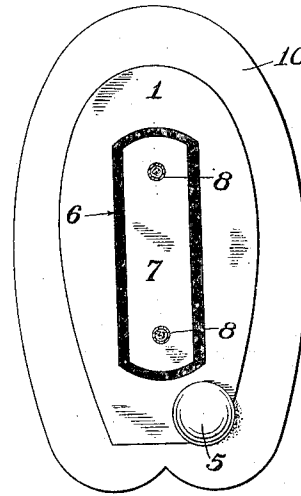


Fig. 2.

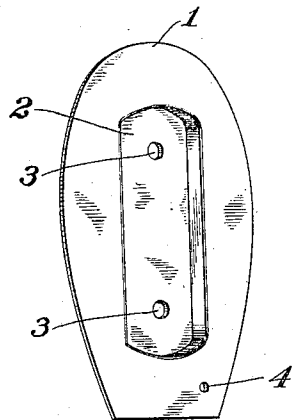


Fig. 3.

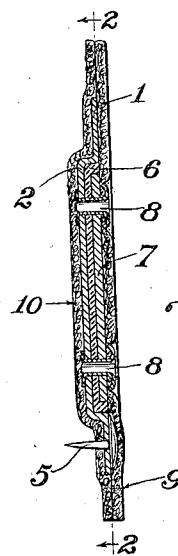


Fig. 4.

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UNITED STATES PATENT OFFICE.

HARRY J. SOLLIDAY, OF ST. LOUIS, MISSOURI.

HEEL PAD.

Application filed January 14, 1922. Serial No. 529,228.

To all whom it may concern:

Be it known that I, HARRY J. SOLLIDAY, a citizen of the United States, residing at St. Louis, State of Missouri, have invented certain new and useful Improvements in Heel Pads, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to an electric heel pad, and the object is the production of a simple and efficient heel pad to be worn in the shoe and by contact of the alkaline substance produced by the foot said pad will generate a low voltage of electricity which will use up the energy of the perspiration in making heat that will keep the foot warm and do away with the obnoxious odors sometimes produced by the feet, and which pad will also aid in the cure of rheumatism and any other ailment of the nature of sluggish blood.

With this and other objects in view, my invention comprises certain novel combinations, constructions and arrangements of parts as will be hereinafter described, illustrated in the accompanying drawings, and more particularly pointed out in the appended claim.

In the drawings:

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

Figure 2 is a section taken on line 2—2, Fig. 4, and looking in the direction of the arrows.

Figure 3 is a perspective view of the primary or copper plate.

Figure 4 is a sectional view taken on line 4—4, Fig. 1, and looking in the direction of the arrows.

Referring to the drawings by numerals, 1 designates the primary or copper plate which is provided with a central, elongated, depending portion 2, and in which portion 2 are formed rivet-receiving apertures 3. An aperture 4 is also provided for receiving a suitable fastening means, such as a thumb tack 5, for fastening the device to the shoe.

A lining of insulation 6 is placed in the depressed portion 2, and seated down in the insulating lining 6 is an auxiliary or zinc plate 7, which plate 7 is provided with apertures registering with the apertures 3 of plate 1 for receiving rivets 8. An outer pad 9, of suitable material, such as felt, is placed over the outer face of the plates 1 and 7, and then the rivets 8 are inserted through the outer pad 1, the plates and the insulation, as

clearly shown in Fig. 4. An inner pad 10 is placed against the primary plate 1, this pad being formed of any suitable material, such as felt, or leather, and the two pads are attached together on line 11, Fig. 1; before stitching the pads together, the thumb tack 5 is placed in the aperture 4, Figs. 2 and 4.

It is to be understood that the pad is placed in the boot or shoe, on top of the portion above the heel, and by pressing the tack 5 into the boot or shoe, the device will be fastened in position to be engaged by the heel of the wearer for the purpose as specifically described in the beginning with reference to the object of this invention.

While I have described the preferred embodiment of my invention, and have illustrated the same in the accompanying drawings, certain minor changes or alterations may appear to one skilled in the art to which this invention relates, during the extensive manufacture of the same and I, therefore, reserve the right to make such alterations or changes as shall fairly fall within the scope of the appended claim.

What I claim is:

As a new article of manufacture, a heel pad comprising an elongated and substantially elliptical primary plate, said primary plate provided with an elongated longitudinally extending depressed portion provided with an aperture adjacent each end thereof, an insulating lining fitting entirely within said depressed portion and entirely covering the same, an elongated auxiliary plate bearing against the lining and positioned entirely within and conforming in shape to the depressed portion, said lining covering the edges of said auxiliary plate, an outer fabric pad against the primary and auxiliary plates, rivets extending through the apertures of the depressed portion of the primary plate and also through the lining, auxiliary plate and pad, thereby fastening the same together, a thumb tack extending through the primary plate and positioned between the primary plate and the pad, whereby said tack is retained in a set position, an inner pad against the primary plate and the outer pad, and stitching securing the two pads together with the thumb tack extending through the inner pad, as and for the purposes set forth.

In testimony whereof I hereunto affix my signature.

HARRY J. SOLLIDAY.