Dec. 31, 1929. W. M. SCHOLL 1,741,340

ORTHOPEDIC SOCK

Filed Nov. 7, 1925

FIG. 1

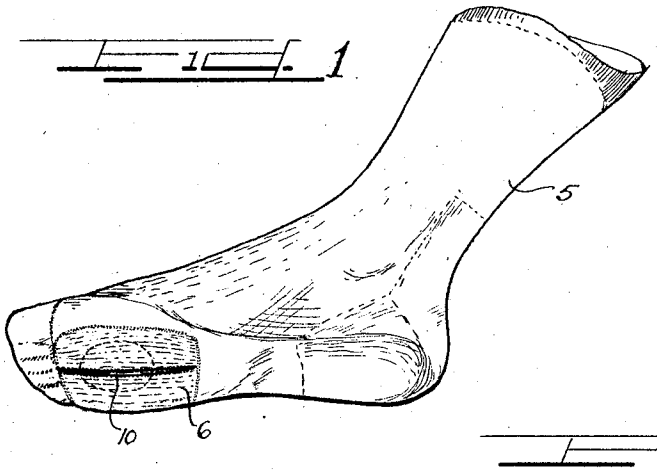


FIG. 2

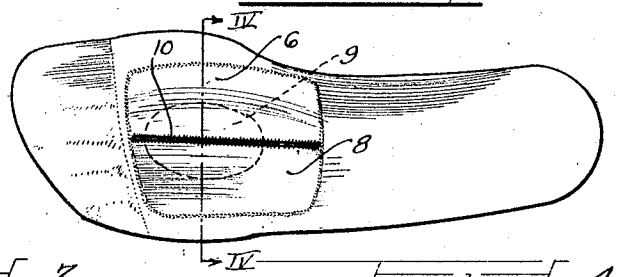


FIG. 3

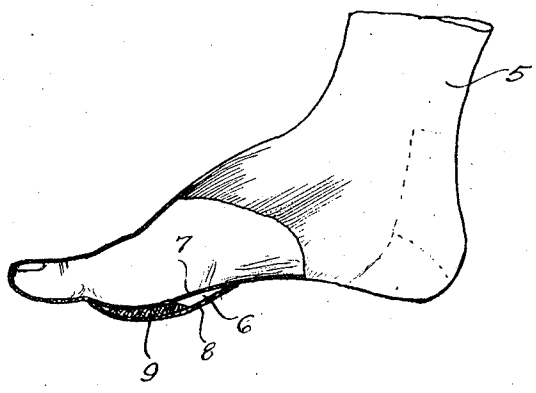
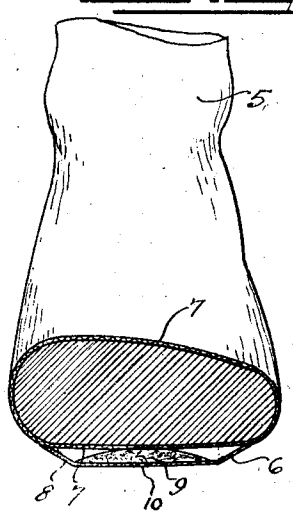


FIG. 4



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UNITED STATES PATENT OFFICE

WILLIAM M. SCHOLL, OF CHICAGO, ILLINOIS

ORTHOPEDIC SOCK

Application filed November 7, 1925. Serial No. 67,565.

One of the objects of this invention is to provide a sock having a pocket in the sole part thereof within which to insert and hold an arch-supporting pad.

Another object is to provide a sock having a pocket to retain a pad or cushion, at any selected locality within a shoe wherever a pad or pads may be required to relieve pain superinduced by pressure of the shoe or otherwise.

Other objects and advantages and benefits that may arise from the application of embodiments of my invention will be apparent to persons skilled in the art from a consideration of the following description and accompanying drawing forming a part hereof.

On the drawings:

Figure 1 is a perspective view of the device as it appears in place on a human foot;

Fig. 2 is a bottom plan view;

Fig. 3 is a side elevation showing a part of the sock removed and other parts in section; and

Fig. 4 is a transverse section taken on line IV—IV of Figure 2.

In all the views the same reference characters indicate similar parts on the drawings.

As shown on the drawings:

The sock 5 may be of suitable fabric such as lisle, silk, cotton, or the like and it should neatly fit the foot of the wearer. In every essential respect it may be a sock of standard type.

The improved feature lies in a pocket 6.

The pocket may be a concomitant or integral part of the sock. One essential feature lies in an opening in the pocket, within which to insert a pad or cushion. In the embodiment shown, the fabric under the "ball" of the foot is two-ply or double thickness, as shown at 7 and 8 in Figures 3 and 4. Between these walls the pad 9 may be inserted.

In the illustrated embodiment the wall is shown slit at 10 to provide an opening into the pocket thru which opening the pad 9 may be inserted. The opening could be elsewhere, but it is preferable to have the opening on the outside, so that the pad can more conveniently be inserted and located after the foot has been placed within the sock. After the pad has been shifted in the pocket to a suitable position for its intended purposes, it may then be stitched in place after or before removing the sock, or a suitable adhesive may be applied to the lower surface of the pad to cause it to temporarily adhere to the bottom wall 8, which will prevent the pad from shifting. The fastening means may be made to also hold the pocket closed, and should be of a temporary character. An additional, or alternative pocket may be located in other parts of the sock to contain a pad to be used for therapeutic purposes.

When the pad is no longer required, the sock may be worn without it. The pocket wall will then serve as reenforcing means for this part of the sock and prolong its usefulness.

In the embodiment shown, the pad 9 may be laterally shifted to occupy a position under any one of the five metatarsals of the foot and there fixed in place in the manner described.

It will contribute to comfort of the wearer, if the pocket wall is knit into the wall 7 at its surrounding edges. The pocket wall underlying the pad prevents displacement of the pad when the shoe is being put on to the foot.

I am aware that many changes may be made and numerous details of construction may be varied through a wide range, without departing from the principles of this invention and I do not purpose limiting the patent granted hereon, otherwise than necessitated by the prior art.

I claim as my invention:

1. An orthopedic sock having an outer wall in the sole portion thereof to provide a pocket, said wall split in a plane parallel with the longest axis of a foot, the pocket being adapted to receive an arch supporting pad, and the sock being suitable for normal use when without the pad.

2. An orthopedic sock having a double walled sole portion forming a pocket and a narrow slit opening thereinto in the outer wall and a yielding pad adapted to be re-

movably inserted in said pocket through said opening and adjustable therein while the sock is on the foot of the wearer to provide an arch support, the sock being adapted for normal use when the pad is removed.

In testimony whereof I have hereunto subscribed my name.

DR. WILLIAM M. SCHOLL.