

May 24, 1927

C. A. ROBERTS

1,630,135

INSOLE

Filed July 30, 1926

Fig. 1.

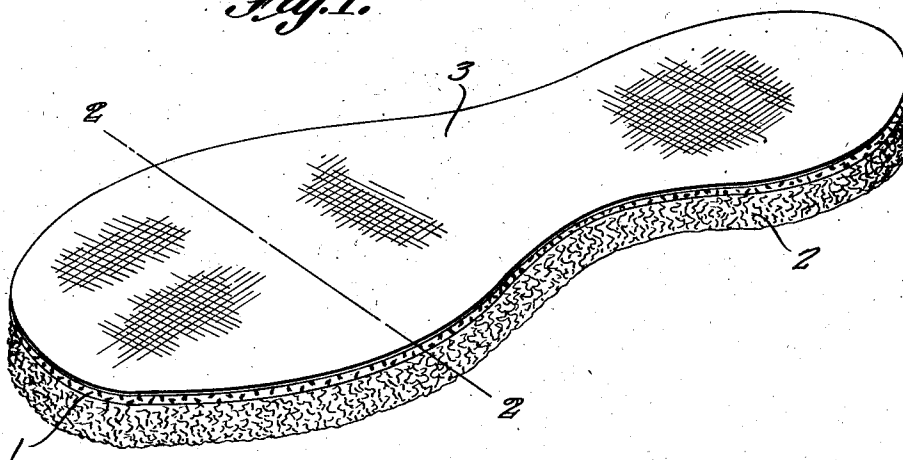
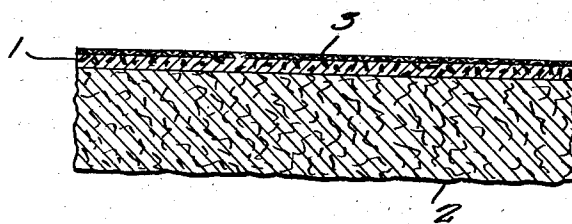


Fig. 2.



P. J. Hickey

WITNESS:

Charles A. Roberts,
INVENTOR

BY *Victor J. Evans*

ATTORNEY

Patented May 24, 1927.

1,630,135

UNITED STATES PATENT OFFICE.

CHARLES A. ROBERTS, OF BUTTE, MONTANA.

INSOLE.

Application filed July 30, 1926 Serial No. 126,043.

This invention relates to an inner sole for boots, shoes and the like, the general object of the invention being to form the sole in part of sponge rubber so that the sole will give under the weight of the foot and thus insure easy walking.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claim.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a perspective view of the device.

Figure 2 is a section on line 2—2 of Figure 1.

As shown in these views, the inner sole is formed of an upper layer 1 of cork and a thick lower layer 2 of sponge rubber, the cork being covered on its upper face by fabric 3 of any suitable kind.

This inner sole gives a soft tread to the foot, thus insuring easy walking and pre-

venting the feet from becoming calloused and sore. The inner sole can also be cleaned whenever desired.

With this invention, when the weight of the body comes on the foot, while walking, the pressure will force the air out of the sponge portion and when the foot is lifted, the pressure is removed and the sponge returns to its normal position and thus draws air into its cells. This will keep the air moving in the shoe and will thus keep the air fresh and clean.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.

What I claim is:—

An inner sole of the class described comprising a top layer of cork, fabric covering the upper face of the cork and a lower layer of sponge rubber, the lower layer being of much greater thickness than the cork layer.

In testimony whereof I affix my signature.

CHARLES A. ROBERTS.