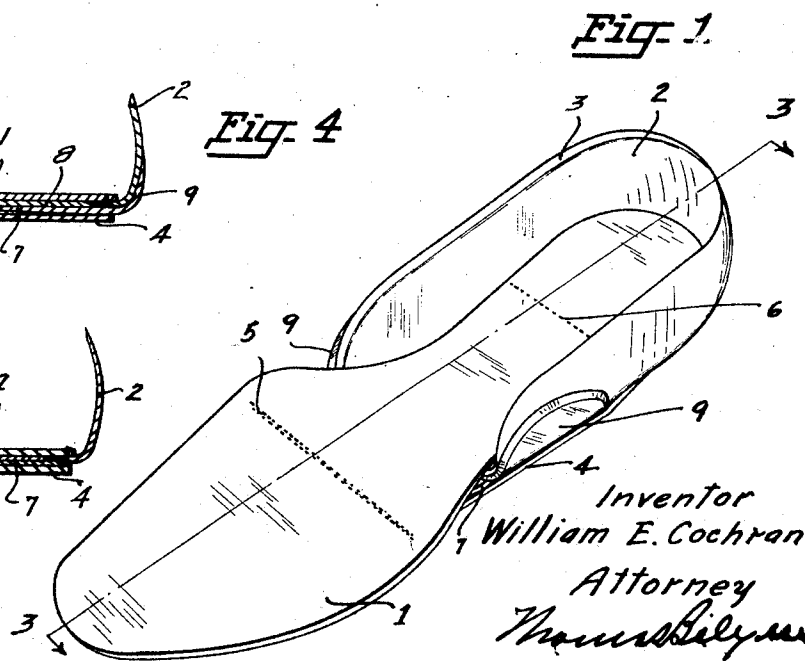
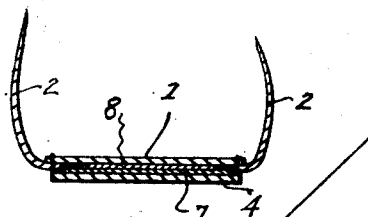
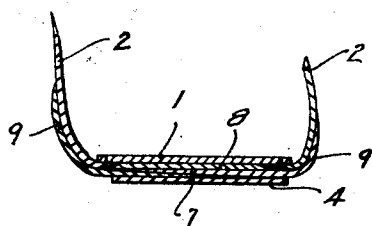
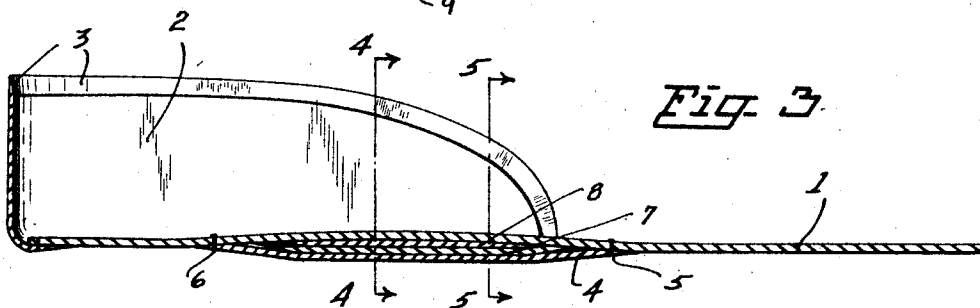
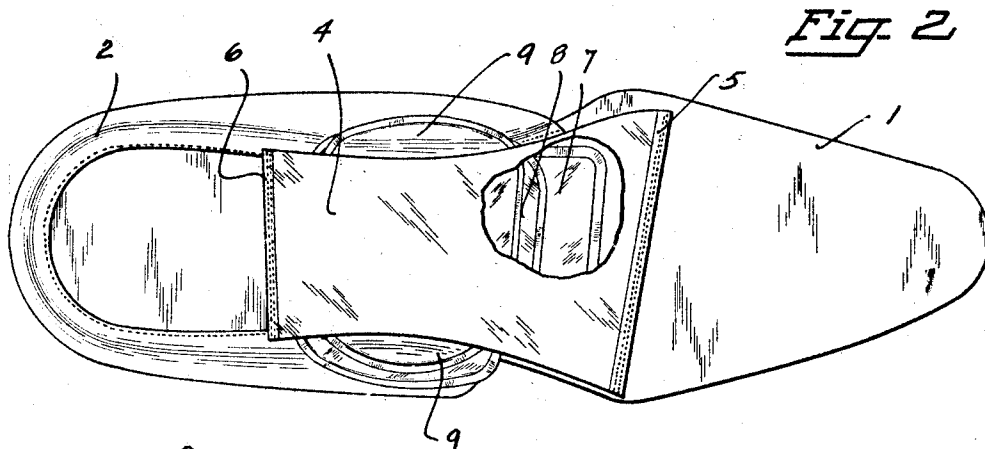


Feb. 12, 1929.

1,701,804

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HEEL AND ARCH SUPPORT

Filed Jan. 27, 1926



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HEEL AND ARCH SUPPORT.

Application filed January 27, 1926. Serial No. 84,124.

My invention relates to an improvement in foot braces that are commonly known as arch supports. While I am aware that arch supports have heretofore been made and used in a variety of forms, I am not aware of any that provide a support for the sides of a foot as well as for the bottom thereof.

An object of my invention is to provide an arch support that may be easily inserted or removed from a shoe, and one that, when inserted in a shoe will not loosely move about.

Another object is to provide a support having removable elements to support the foot at the sides of the arch as well as beneath.

With these and incidental objects in view, the invention consists in certain novel features of construction and combination of parts, the essential elements of which are set forth in the appended claim, and a preferred form of embodiment of which is hereinafter shown with reference to the drawings which accompany and form a part of this specification.

In the drawings:—

Fig. 1 is a perspective view of the complete support.

Fig. 2 is an inverted plan view with a portion thereof partially broken away.

Fig. 3 is a section view taken on line 3—3 of Fig. 1, looking in the direction of the arrows.

Fig. 4 is a cross section view taken on the line 4—4 of Fig. 3, looking in the direction of the arrows.

Fig. 5 is a cross section view taken on the line 5—5 of Fig. 3, looking in the direction of the arrows.

Like reference characters refer to like parts throughout the several views.

In my arch support, I use a full length insole 1. This insole may be made of any suitable material, but for the purpose of describing the support, I shall assume that the insole and the other elements entering into the construction of the support are of leather. It is intended that this support brace or support the foot at each side of the arch portion as well as beneath, and for this purpose there is provided a counter or side and heel support member 2. It will be noted that the counter 2 is of somewhat greater length than the usual form of counters for shoes, and that it extends forwardly to a point that may be termed the

forward edge of the arch portion of the insole 1. I shall refer to the purpose of this extended portion of the counter 2 later. To prevent the upper edges of the counter 2 from irritating the foot, I have provided the feather edge 3.

Upon the underside of the insole 1 is secured the member 4, to form a pocket-like portion between it and the insole, and which is open at both sides. The member 4 is secured to the insole by means of the stitching 5 and 6. Within the space between the member 4 and the insole 1 is inserted one or more members for elevating the arch portion of the insole 1.

For the purpose of elevating the arch portion of the insole 1, I have provided the inserts or arch supporting members 7 and 8. The members 7 and 8 are preferably made of leather. The size and shape of the arch supporting or insert members 7 and 8, of course are governed by the individual requirements of the person using the arch support proper.

As before stated, my arch support is adapted to support the side of the foot, at the arch portion thereof, as well as to support the arch from beneath, and for this purpose I have constructed the inserts 7 and 8 of sufficient width to provide a portion 9 which protrudes from the pocket formed between the members 4 and 1. The protruding portions 9 are turned upwardly and bear against the counter 2. The counter 2, as I explained before, extends along the arch portion of the insole 1, and thereby protects the foot from being irritated by the projecting portions 9. It is to be understood that the size, shape and number of inserts will possibly vary, and will be governed entirely by the shape, size and condition of the foot to which the support is applied.

While the form of arch support herein shown and described, is admirably adapted to fulfill the objects primarily stated, it is to be understood that it is not intended to confine the invention to one form of embodiment herein shown and described, as it is susceptible of embodiment in various forms, all coming within the scope of the claim which follows.

I claim:—

In a heel and arch support, an insole, a counter secured about the heel portion of the insole and extending forwardly to the

forward edge of the arch portion of the insole, a flap like pocket secured to the underside of the insole beneath the arch portion thereof, and affording a free passage transversely of said insole for arch supporting members; and arch supporting members removably supported by said pocket, one or more of said arch supporting members being of greater width than the aforesaid insole and each having its protruding portion turned upwardly and bearing against said counter at the point of the insole arch. 10

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