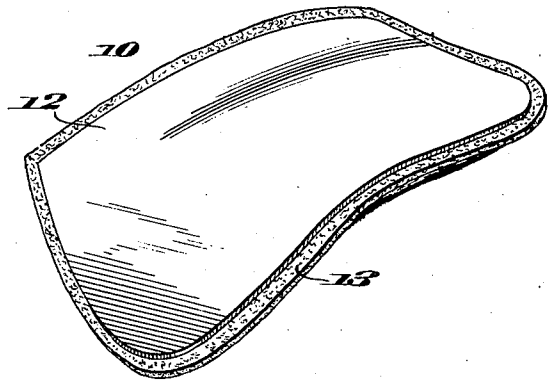
M. D. GOOD.

ARCH SUPPORT.

APPLICATION FILED SEPT. 19, 1913.

1,095,849. Patented May 5, 1914.

Fig. 1.



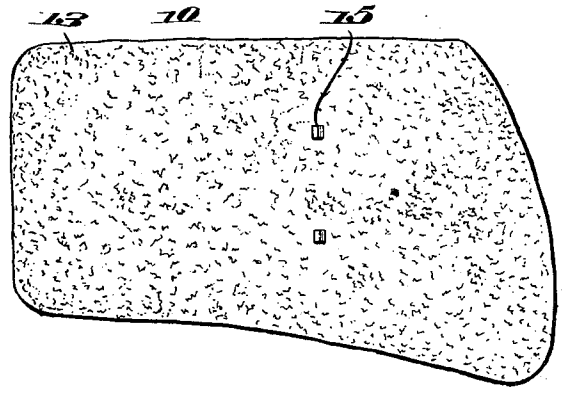


Fig. 2.

Fig. 3.

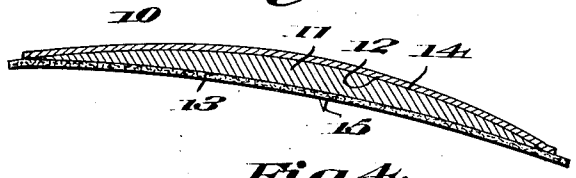
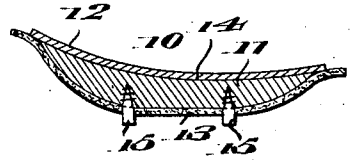


Fig. 4.



Inventor

M. D. Good

Witnesses

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UNITED STATES PATENT OFFICE.

MILTON D. GOOD, OF ALBANY, OREGON.

ARCH-SUPPORT.

1,095,849. Specification of Letters Patent. Patented May 5, 1914.

Application filed September 19, 1913. Serial No. 790,713.

To all whom it may concern:

Be it known that I, MILTON D. GOOD, a citizen of the United States, residing at Albany, in the county of Linn and State of Oregon, have invented new and useful Improvements in Arch-Supports, of which the following is a specification.

The invention relates to boots and shoes, and has for an object to provide an arch support for use in shoes and boots and which will support the instep without raising the heel of the foot; to prevent the foot from sliding from side to side in the shoe; to conform to the shape of the shoe and properly hold the foot therein and support the foot in the shoe to permit the heel of the foot to repose upon the instep of the shoe.

The invention contemplates, among other features, the provision of an arch support constructed and formed of materials which will properly support the foot in the shoe and hold the instep in its proper and normal position, while at the same time it will give great comfort to the wearer, the arch support being also preferably treated with a medicant which will tend to relieve foot ailments and act as a disinfectant for disagreeable odors from the feet or shoes.

In the further disclosure of the invention reference is to be had to the accompanying drawings, constituting a part of this specification, in which similar characters of reference denote corresponding parts in all the views, and in which:

Figure 1 is a perspective view of the arch support; Fig. 2 is a bottom plan view; Fig. 3 is a vertical longitudinal sectional view; Fig. 4 is a vertical transverse sectional view.

Referring more particularly to the views, I disclose an arch support 10 consisting of an arch-sustaining plate 11 having a peculiar shape which will adapt it for use in shoes to be supported on the in-soles thereof and preferably formed of wood or some other stiff non-flexible material, the upper face of the said plate being preferably covered by an upper covering 12 preferably formed of a soft leather which is glued to the upper face of the plate by a mucilaginous substance of an antiseptic nature. The under side of the arch-sustaining plate is covered by a lower covering 13 preferably of felt and which has its edges extending beyond the edges of the plate in order that the projecting edges of the upper covering 12 can be glued to the lower covering, with the edges of the lower covering, however, extending beyond the edges of the upper covering and the said lower covering being secured to the under side of the arch-sustaining plate by a mucilaginous substance of an antiseptic nature, it being thus apparent that the upper and lower coverings 12 and 13 when connected as mentioned form a pocket 14 in which the sustaining plate is adapted to lie and be inclosed by the said upper and lower coverings. A plurality of relatively spaced gripping members 15 project from the under side of the sustaining plate 11 and are adapted to extend through the lower covering 13, as shown, to grip the in-sole of the shoe and prevent the arch support shown and described from slipping when the same has been placed in the shoe.

It will be particularly noted that the arch-sustaining plate 11 of my arch support is formed of a stiff, non-flexible material such as wood, an arch-sustaining plate of this character being far more efficient than the usual leather arch-sustaining plates and which are not only flexible, but unsanitary in that they become soft and pliable and impregnated with moisture from the foot after they have been used a short time. I preferably treat the faces of the arch-sustaining plate 11 with an antiseptic which can be in the nature of a musilaginous substance and which will not only tend to provide a means for keeping the foot in a clean and sanitary condition but which will also perform the function of securing the upper and lower coverings 12 and 13 to the upper and lower faces respectively of the arch-sustaining plate, and which is preferably tapered toward its edges so that the edges will be thin like knife blades, to permit of readily overlapping the edges of the upper and lower coverings beyond the edges of the plate and securing the edges of the upper and lower coverings to form the pocket 14 mentioned heretofore.

It will be understood that the arch supporter described can be made in various sizes to suit different size shoes or boots and that in forming the arch-sustaining plate of a material such as wood the arch support will at all times hold its shape, whereas in the case of leather arch supports the arch support very often loses its shape after a short time on account of the leather becoming impregnated with moisture and disagreeable odors from the foot of the user.

Having thus described my invention, I claim:

As a new article of manufacture, an arch support comprising a soft non-flexible arch sustaining plate, and upper and lower coverings relatively connected at the edges of the plate to form a pocket therefor, with the upper and lower coverings secured to the plate by an antiseptic mucilaginous substance and the lower covering having its edge projecting slightly beyond the edge of the said plate and said upper covering.

In testimony whereof I affix my signature in presence of two witnesses.

MILTON D. GOOD.

Witnesses:
R. J. HAMMER,
GEORGE TAYLOR.