

990,675.

Patented Apr. 25, 1911.

Fig. 1.

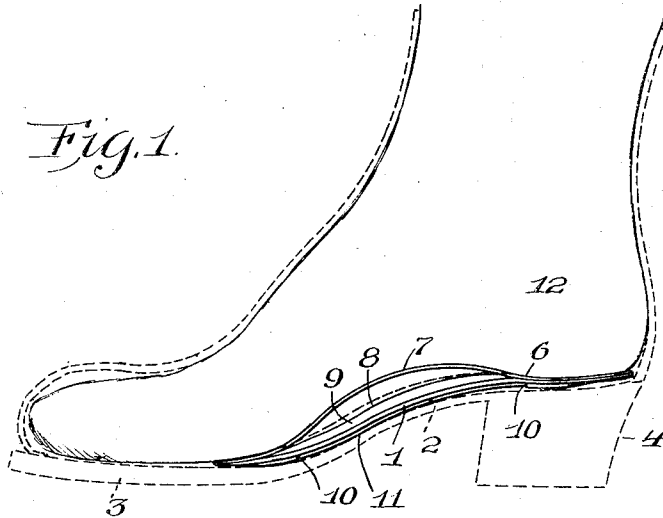


Fig. 2.

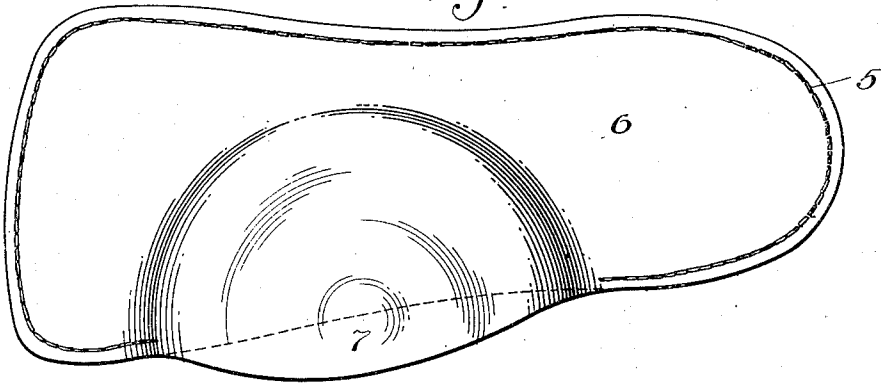


Fig. 3.

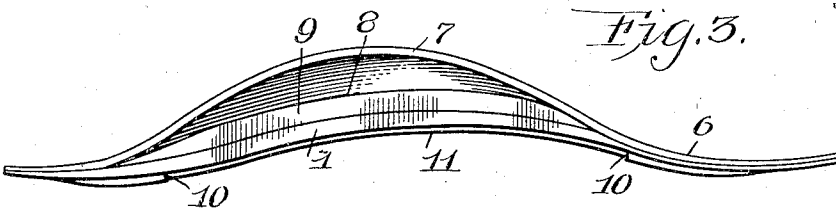


Fig. 4.

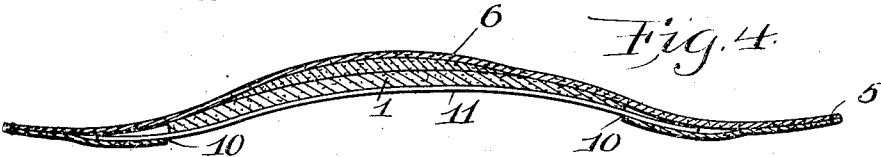
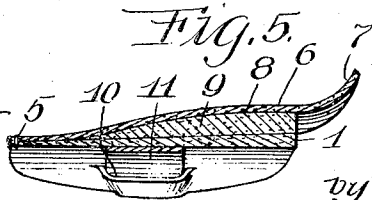


Fig. 5.



WITNESSES

Samuel Payne
 W. H. Butler

INVENTOR

Peter Stayert.
 H. C. East & Co.
 Attorneys.

UNITED STATES PATENT OFFICE.

PETER STAYERT, OF PITTSBURG, PENNSYLVANIA.

INSTEP-SUPPORT.

990,675.

Specification of Letters Patent. Patented Apr. 25, 1911.

Application filed November 23, 1910. Serial No. 593,861.

To all whom it may concern:

Be it known that I, PETER STAYERT, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Instep-Supports, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to an instep support, and the primary object of the invention is to provide a support that can be easily placed in a shoe for firmly supporting the instep or arch of a foot, whereby the shoe can be comfortably worn without injuring the foot.

Another object of the invention is to combine leather and metal in such a form that it will yieldably support the instep of a foot within the shoe.

A further object of the invention is to provide an instep support that can be adjusted through the medium of a detachable filler block.

25 I attain the above objects by a mechanical construction that will be hereinafter specifically described and then claimed, and reference will now be had to the drawing wherein like numerals of reference designate corresponding parts throughout the several views, and in which:—

Figure 1 is a side elevation of the instep support as mounted in a shoe, the shoe being shown in dotted lines, Fig. 2 is an enlarged plan of the support, Fig. 3 is a side elevation of the same, Fig. 4 is a longitudinal sectional view of the support, and Fig. 5 is a cross sectional view of the same.

A support in accordance with this invention comprises an irregularly shaped base piece 1, the base piece being shaped to fit upon the inner side of the instep or arched portion 2 of a shoe sole 3, the small end of said base piece lying above the heel 4, while the large end of the base piece extends downwardly into the shoe.

Mounted against the upper face of the base piece 1 is a cover piece 6 which corresponds in area to the base piece with one exception, which is that one side of the cover piece 6 is extended intermediate its ends so as to provide a lip 7 which projects upwardly against the inner side of the shoe upper. The cover piece 6 has the marginal portion throughout at one side secured to the base piece 1, and also has the marginal

portion of its other side for a portion of its length secured to the base piece 1. The last-mentioned side marginal portion does not have the intermediate part thereof secured to the cover piece 6. The end marginal portions of the cover piece 6 are secured to the base piece 1. The cover piece 6 is secured to the base piece 1 by a line of stitching as at 5, or it may be secured by any other suitable means. The unattached portion of the cover piece 6 in conjunction with the base piece 1 provides a pocket 8 and in the pocket is detachably mounted a filler block 9, said block being wedge-shaped in cross section and having one straight edge at the side edge of the base piece 1 and the other edge rounded, whereby the filler block will snugly fit between the pieces 1 and 6. The filler block can be made of one or more pieces of leather suitably connected together, or of rubber, fiber, felt or any yieldable material.

The base piece 1 is provided with two transverse slits 10 and extending into these slits between the ends of the base piece 1 and the cover piece 6 are the ends of a resilient strap or spring 11 adapted to maintain the support in an arched position, said resilient strap also serving functionally to cushion the instep of a foot 12 within the shoe.

The filler block 9 can be made of various thicknesses, consequently the fitter of a shoe can immediately place a filler block within the pocket 8 of the support that will properly support the instep of a shoe.

The lip 7 serves functionally as a handle for holding the support while the filler block is removed, besides assisting in supporting the side of the instep.

The support is made of light and durable flexible leather and can be made of various sizes.

What I claim is:—

1. An instep support comprising a base piece, a cover piece having a part of the marginal portion thereof connected to a part of the marginal portion of said base piece, the unattached portion of the cover piece in connection with the base piece providing a pocket at one side of said base piece, said cover piece having the unattached portion thereof extended to provide a lip, a filler block detachably mounted in the pocket, and means including a metallic strap adapted to maintain said support in an arched position.

2. An instep support comprising a base
piece, a cover piece mounted upon and hav-
ing a part thereof secured to said base piece,
the unattached portion of said cover piece
5 in connection with the base piece providing
a pocket having an open end at one side of
said base piece, said cover piece having the
side thereof extended to provide a lip above
the open end of said pocket, a filler block
10 detachably mounted in said pocket, and a
resilient strap arranged upon the bottom of

said base piece and having the ends thereof
extending between said base piece and said
cover piece and adapted to maintain said
support in an arched position.

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

PETER STAYERT.

Witnesses:

KARL H. BUTLER,
MAX H. SROLOVITZ.
