J. SOLOMON.

HEEL PLATE.

APPLICATION FILED MAR. 28, 1914.

1,181,807.

Patented May 2, 1916.

Fig. 1.

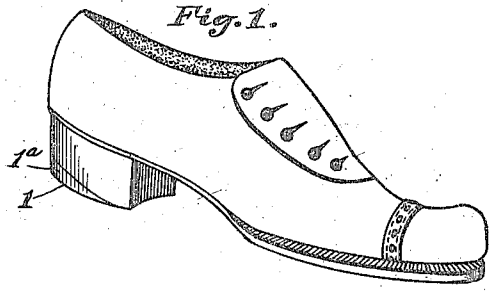


Fig. 2.

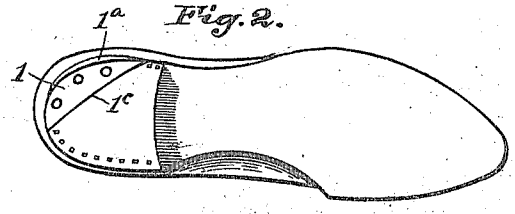


Fig. 3.

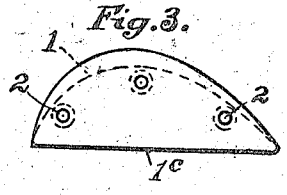


Fig. 4.

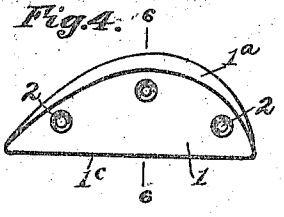


Fig. 5.



Fig. 6.

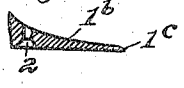
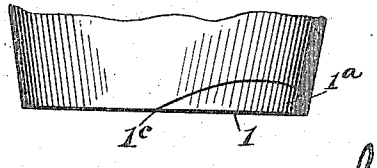


Fig. 7.



Witnesses

S. W. Brainard.

N. H. Turrell.

Inventor

Julius Solomon

By Ord & Dillman Attorney

UNITED STATES PATENT OFFICE.

JULIUS SOLOMON, OF OBERLIN, OHIO.

HEEL-PLATE.

1,181,807. Specification of Letters Patent. Patented May 2, 1916.

Application filed March 28, 1914. Serial No. 827,882.

To all whom it may concern:

Be it known that I, JULIUS SOLOMON, a citizen of the United States, residing at Oberlin, in the county of Lorain and State of Ohio, have invented certain new and useful Improvements in Heel-Plates, of which the following is a specification.

My invention relates to improvements in heel plates, and is particularly designed and adapted for application to the worn edge of a boot or shoe heel to reëstablish its original shape and retard further wear of the leather.

The primary object of the invention is to provide a generally improved heel plate of this class adapted to level the heel when worn and with this end in view is of such shape and contour as to enable it to fit or fill in the partially worn heel as well as conform to the shape of the heel in reëstablishing the original shape and retarding further wear.

A still further object is to provide a heel plate of such form as to give the added wear as well as to reduce the liability of disarrangement or detachment to a minimum while in service.

With the above mentioned ends in view, the invention consists in the novel construction, arrangement, and combination of parts, hereinafter described, illustrated in one of its embodiments in the accompanying drawings, and particularly pointed out in the appended claims.

Referring to the drawings, forming a part of this specification Figure 1, is a view of a shoe equipped with a heel plate constructed in accordance with my invention. Fig. 2, a bottom view of the shoe having the improved heel plate applied thereto. Fig. 3, a top plan view of the improved heel plate detached. Fig. 4, a similar view of the under or wear side of the plate detached. Fig. 5, an outer edge view of the same. Fig. 6, a cross sectional view taken on line 6—6 of Fig. 4. Fig. 7, a full sized rear view of a heel having the improved heel plate detached.

Similar numerals of reference designate like parts throughout all the figures of the drawings.

The improved heel plate comprises a flat base portion 1, having a curved or convex shaped inwardly beveled outer portion 1^a, following the outline or contour of the heel, and as a means of fitting the plate to the partially worn heel the plate is provided with a curved or concaved top portion 1^b, to receive and form a seat for the worn portion of the heel, said plate being of tapered or wedge shaped form from the outer beveled portion 1^a, to the inner edge portion 1^c, as shown most clearly in Figs. 5 and 6 of the drawings.

It will be seen that the form of the improved heel plate is such as to conform to the worn-off portion of the heel so that when the heel plate is secured in position it will level up the heel as shown in Figs. 1 and 7 of the drawings.

As a means for securing the improved plate to the heel, the plate is provided with a plurality or series of nail or screw receiving counter-sunk openings 2, arranged near the inwardly beveled outer portion 1^a, as shown, and it will also be observed that the curved or convex shaped beveled portion 1^a, conforms to and forms a continuation of the adjacent portions of the heel when the plate is in position and that the thickest portion of the plate occurs in that portion where most subjected to wear.

From the foregoing description, taken in connection with the accompanying drawings, the operation and advantages of my invention will be readily understood.

Having thus described one of the embodiments of my invention, what I claim and desire to secure by Letters Patent, is—

1. A heel plate having a curved undercut outer edge and a concaved top and a flat base extending therefrom forming a wedge shaped plate terminating in a relatively thin straight inner edge.

2. A heel plate having a curved inwardly flared outer edge and nail receiving open-

ings near the periphery thereof and a concaved top and a flat base extending from said curved inwardly beveled outer edge forming a wedge shaped plate terminating in a relatively thin straight inner edge portion.

3. A heel plate, having a curved inwardly beveled outer portion and provided with a concaved top and a flat base extending from said outer beveled portion and terminating in a relatively thin straight inner edge and forming a wedge shaped heel plate of substantial wear receiving thickness adjacent to said beveled outer portion.

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

JULIUS SOLOMON.

Witnesses:

C. J. Fields,

M. Frances Petty.