S. LOWMAN.

HEEL PLATE.

APPLICATION FILED MAR. 16, 1908.

998,539. Patented July 18, 1911.

Fig. 1.

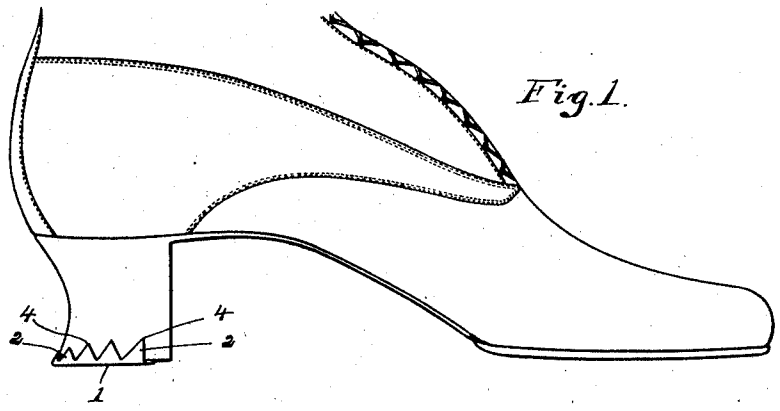


Fig. 2.

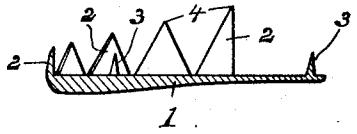


Fig. 3.

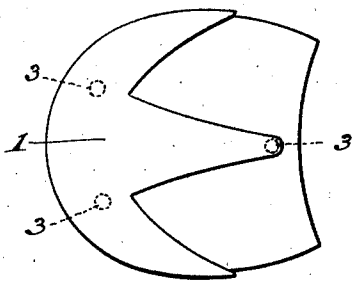


Fig. 4.

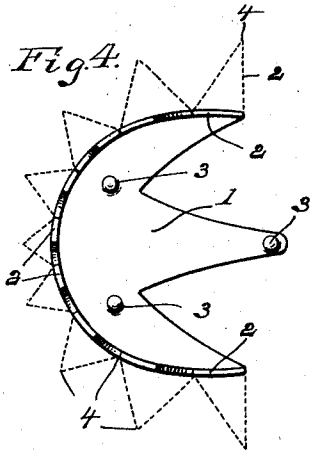
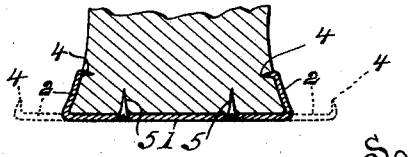


Fig. 5.



WITNESSES:

A. M. Dow

E. M. Stickney

INVENTOR

Sarah Lowman

By Dowell & Dowell

Attorneys.

UNITED STATES PATENT OFFICE.

SARAH LOWMAN, OF NEW YORK, N. Y.

HEEL-PLATE.

998,539. Specification of Letters Patent. **Patented July 18, 1911.**

Application filed March 16, 1908. Serial No. 421,321.

To all whom it may concern:

Be it known that I, SARAH LOWMAN, a citizen of the United States of America, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Heel-Plates, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to improvements in heel plates for boots, shoes, etc., and its object is to provide a device which may be readily attached and firmly secured against the possibility of becoming detached in use.

A further object is to provide a very cheap and efficient construction having certain new and useful features all as hereinafter more fully described, reference being had to the accompanying drawing in which:

Figure 1 is a side elevation of a shoe showing a heel-plate embodying the invention attached. Fig. 2 is a longitudinal section of a heel-plate detached. Fig. 3 is a bottom plan view of a heel with the plate attached. Fig. 4 is a plan view of a heel-plate detached and showing in dotted lines the securing projections turned outward in the plane of the body of the plate. Fig. 5 is a transverse section of a heel showing a heel plate attached thereto.

The plate consists of a body portion 1 which is preferably a thin malleable casing, formed thickest at its rear edge where it will be subjected to the greatest amount of wear when in place upon the shoe heel. This body portion is cut away at its forward edge, forming in plan view of the plate a forwardly extending central portion and oppositely disposed wings which are curved to conform to the curve of the edge of the heel and are provided along their outer edges with a series of integral vertically extending triangular shaped projections 2. These projections serve as guides in placing the plate upon the shoe heel, the projections being of graduated sizes with the longer ones arranged at the forward ends of the wings and when the plate is placed upon the heel these projections are bent inward firmly against the outer face of the heel to secure the plate in place. Extending upward from the upper flat face of the plate are a number of spurs 3, one of which is located near the forward extremity of the central portion to securely hold said portion against the bottom of the heel, and the other spurs are located upon the wing portions to assist in securing the same to the shoe heel when driven into the same in placing the plate. The projections 2 are preferably formed triangular with sharp points 4, which if desired, may be bent inward to form spurs to engage the sides of the heel and more firmly secure the plate in place. By arranging these projections with the longer ones at the forward ends of the wings, said wings are firmly secured to the heel by the projections which extend upward some distance against the sides of the heel and the smaller projections which are on the thicker portion of the plate engage the rear side of the heel where it is formed with the greatest curve in its side and hold the plate in place without extending upward upon the heel far enough to show to such an extent as to disfigure the shoe.

Having thus fully described my invention what I claim is:

A heel plate comprising a metal body having a thickened rear portion with oppositely disposed wings conforming to the curved margin of a shoe heel and having upwardly extending triangular-shaped projections of graduated sizes along their edges whose tips are adapted to be inturned and forced into the side of a shoe heel, the larger projections being at the forward ends of the wings, a central thinner portion extending forward between the wings and having an upwardly extending spur near its extremity, and other similar spurs on the wings.

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

SARAH LOWMAN.

Witnesses:

JAMES WRIGHT,

W. J. HENDERSON.