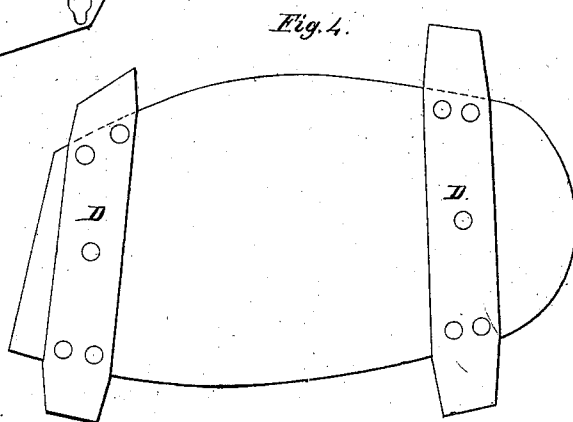
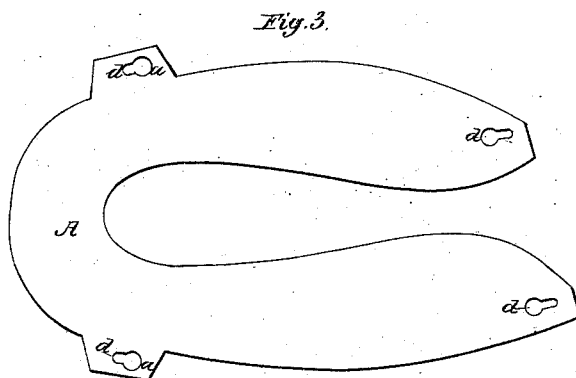
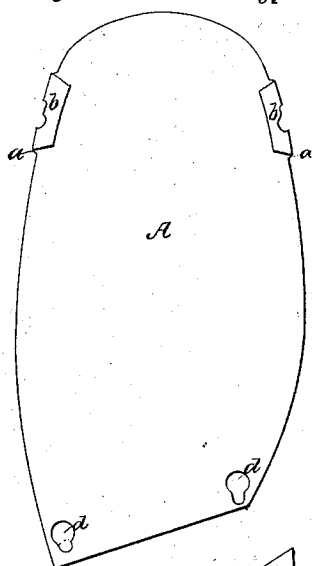
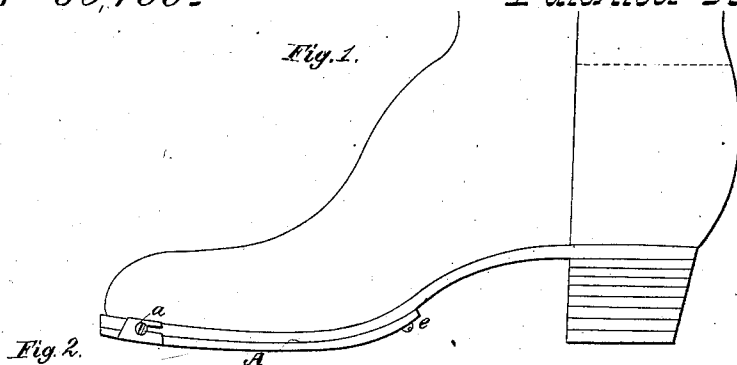


H. Riggs,
Shoe Sole,
N^o 65,766. *Patented June 11, 1867.*



Witnesses.
J. M. Woodruff
J. B. Adams

Inventor.
Homer Riggs

United States Patent Office.

HOMER RIGGS, OF WASHINGTON, DISTRICT OF COLUMBIA.

Letters Patent No. 65,766, dated June 11, 1867.

METHOD OF ATTACHING METAL SOLES TO BOOTS AND SHOES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, HOMER RIGGS, of the city of Washington, in the District of Columbia, assignor to himself and Egbert G. Barnard, have invented certain new and useful Improvements in the Method of Fastening the Soles to Boots and Shoes; and the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a side or edge view of a boot or shoe, with a metallic over-sole secured to the bottom—

Figure 2 shows the bottom of the same with the ears turned over.

Figure 3 represents another mode of constructing metal taps for boots or shoes.

Figure 4 shows the method of fastening or clasp ing India-rubber or leather taps to the bottom of boots or shoes.

The object of my invention is to protect the wear of soles, and to facilitate and cheapen the process of putting taps or half-soles on boots and shoes, by which means nearly or quite double the wear of either may be had, thus producing great economy in that necessary and almost indispensable article of use, dress, and ornament, worn in some form by the whole human race.

My invention consists in the forming of ears on metal plates, to turn up, and secured to the edges of the sole by screws in front of the ball of the foot, and also slotted holes in the rear of the tap to pass over the head of a screw.

That others may be enabled to make and apply my new mode of tapping or soling boots and shoes, I will describe the process more fully, referring to the drawings, and to the letters marked thereon.

For the purpose of protecting the wear of boots and shoes, either when new or partly worn, I form plates or taps, A, of steel, of any suitable or desired thickness, with ears *a a* which turn up over the edge of the sole; and in the rear end of the tap A I make two or more holes *d d*, which may be round or elongated, as seen in figs. 2 and 3, for the purpose of putting in screws *e e*. The metal soles, as above described, are designed to be so that any one can put them on or take them off at pleasure. The one shown in fig. 3 will be more pliable, and protect the wear nearly as well as if the centre portion were in. For securing leather, or taps of other suitable material, I attach to their under side strips of tenacious metal D D, two or more in number, with their ends projecting out sufficiently to be bent up, and secured to the edge of the soles in the manner above described, and can be put on firmly by almost any person, thereby saving a great expense in the soling, without cutting the stitches or doing any injury to the boot or shoe.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

Securing taps or over-soles of sheet metal, or other suitable material, to the bottom of boots and shoes, by making slotted holes *d d* in the ears *a a*, and also in the rear end of the tap A, to be sprung over the screw-heads *e e* so that the taps may be removed and replaced by the wearer at pleasure, substantially as and for the purposes herein set forth.

HOMER RIGGS.

Witnesses:

J. M. WOODRUFF,

J. B. ADAMS.