

(No Model.)

F. E. HOLLENBECK.

HEEL PLATE FOR BOOTS OR SHOES.

No. 357,386.

Patented Feb. 8, 1887.

Fig. 1.

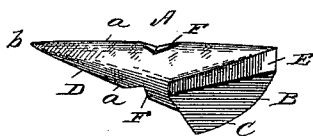


Fig. 2.

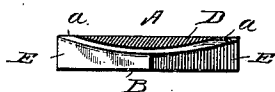


Fig. 3.

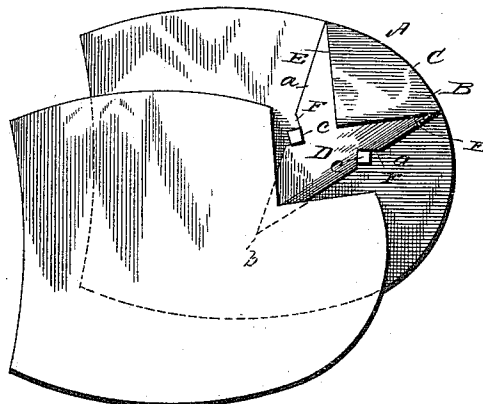
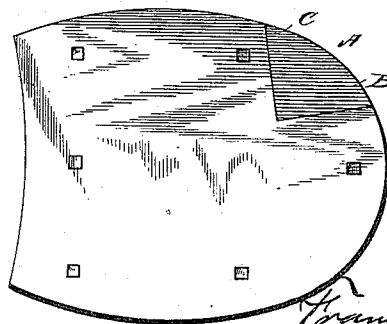


Fig. 4.



Witnesses

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HEEL-PLATE FOR BOOTS OR SHOES.

SPECIFICATION forming part of Letters Patent No. 357,386, dated February 8, 1887.

Application filed June 16, 1886. Serial No. 205,370. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS E. HOLLENBECK, a citizen of the United States, residing at Perrysburg, in the county of Wood and State of Ohio, have invented certain new and useful Improvements in Heel-Plates for Boots or Shoes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to protectors or plates for the heels of boots or shoes, and has for its object to make a protector or plate which will be simple, and consequently cheap to produce, that will be effective for its purpose, and that can be applied by the skilled and unskilled in the minimum of time, and either before or after the boot or shoe has been made; and to such ends the invention consists in the construction and the combination of parts, hereinafter particularly described, and then sought to be specifically defined by the claims.

Figure 1 of the drawings is a perspective of the protector or plate. Fig. 2 is a section through the same. Fig. 3 is a bottom plan of a heel with the protector or plate applied thereto and the outer or finishing lift partially removed therefrom. Fig. 4 is a bottom plan showing the plate or protector in place for use.

The plate or protector A is made of any suitable material—metal, for instance—and is formed with a face-piece, B, designed to lie flush with the face of the outside or top lift of the heel, with a rounded edge, C, to conform to the curve of the heel, and with a tongue, D, the under side of which, together with the under side of the face B, is made preferably flat. The top of the tongue is preferably made convex, so as to round or incline from the middle to opposite sides, thereby giving it strength and preventing it from slipping sideways. Its opposite edges, *a*, diverge from its point *b* to its rear, to facilitate driving or otherwise placing it in position. The tongue D is below the plane of the face-piece B, so as to form shoulders E, which will converge from opposite sides of the plate or protector in-

wardly. These shoulders bear against edges of the top lift, which has a piece cut out to be replaced by the face-plate. An extended bearing is thus afforded for the face-plate, so that the protector is prevented from being pushed inwardly and sidewise.

To hold the protector in place, notches F are formed in opposite sides of the tongue to receive pegs *c* driven into the heel. These pegs prevent the protector from slipping or being pulled out from place.

This heel-plate can be applied to either side or to the rear of the heel, or to any point where the wear is the greatest, and can be applied after the heel is made by driving it between the lifts after cutting out a piece of the top lift to make room for the face portion of the plate; or it may be applied in the process of building up the heel before the top lift is applied. It is applied by the most unskilled, and requires no special cutting or fitting of the lifts under the top or outer lift to receive it. When applied it takes the wear and prevents the heel from running over where the most wear comes, and can be taken from one heel and applied to another.

Having described my invention and set forth its merits, what I claim is—

1. The heel-plate composed of the tongue, having a convex face and sides diverging from its point rearwardly, and a face-piece raised above the tongue to form shoulders converging from the sides of the plate inwardly and adapted to be secured in place by suitable means, substantially as described, for the purpose set forth.

2. The heel-plate composed of the tongue, having sides converging from its point rearwardly, and notches in its sides, and a face-piece raised above the tongue to form shoulders converging from the sides of the plate inwardly, substantially as described.

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

F. E. HOLLENBECK.

Witnesses:

HARRY A. HAMILTON,
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