

(No Model.)

M. HALLANAN.
HORSESHOE AND PAD.

No. 503,849.

Patented Aug. 22, 1893.

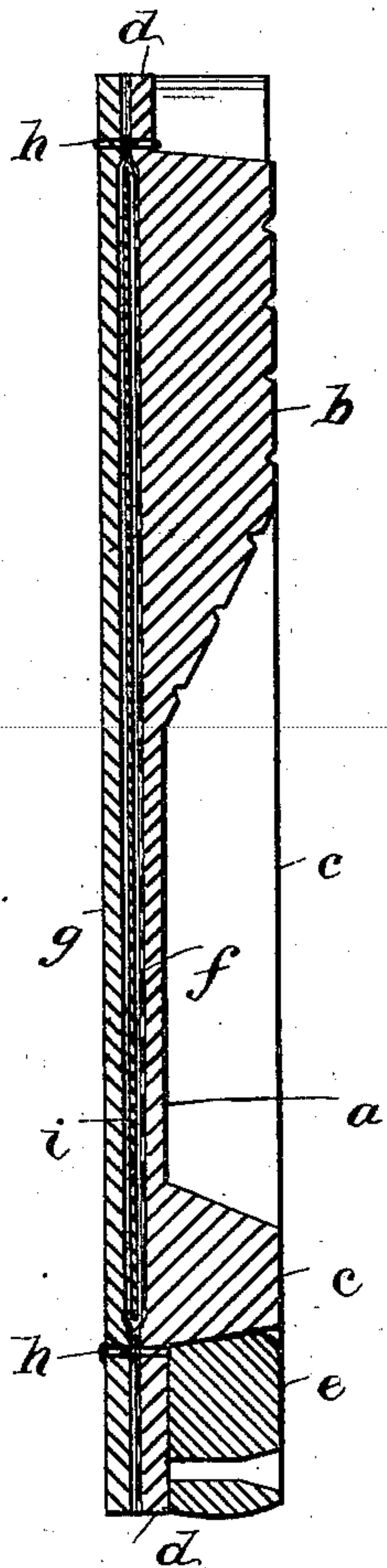


Fig. 2

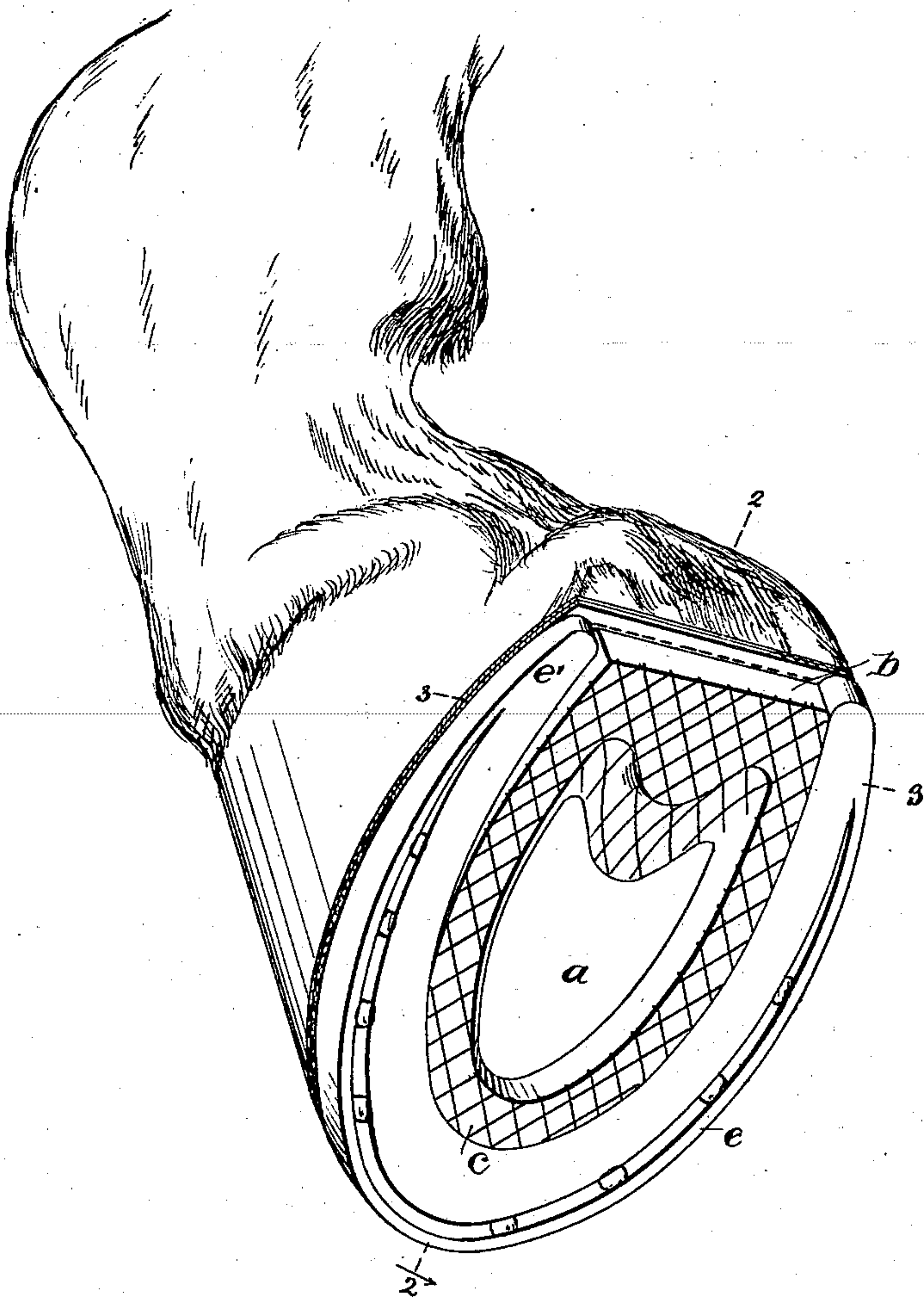


Fig. 1

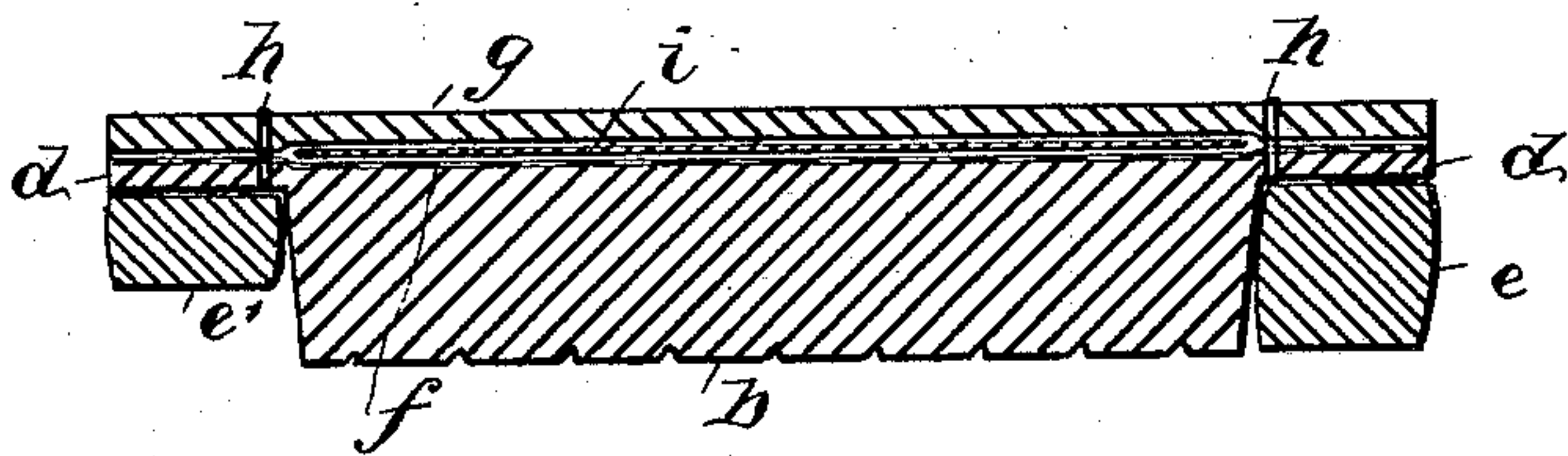


Fig. 3

WITNESSES:

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MICHAEL HALLANAN, OF NEW YORK, N. Y.

HORSESHOE AND PAD.

SPECIFICATION forming part of Letters Patent No. 503,849, dated August 22, 1893.

Application filed March 29, 1893. Serial No. 468,167. (No model.)

To all whom it may concern:

Be it known that I, MICHAEL HALLANAN, of the city, county, and State of New York, have invented a new and Improved Horse-shoe and Pad, of which the following is a full, clear, and exact description.

The object of my invention is to provide a horseshoe and pad, so constructed relatively to each other as to give the horse a firm bearing and to relieve the foot of strain at the inside quarter, by causing the weight to be imposed on the pad, and on the shoe at the outside quarter. A further object is to provide a foot covering that will positively prevent the picking up of nails.

The invention consists in the novel construction and combination of parts, as will be hereinafter particularly described and defined in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view showing my improved pad and shoe applied to the nigh front foot of a horse. Fig. 2 is a longitudinal section on line 2—2, of Fig. 1; and Fig. 3 is a transverse section on line 3—3, of Fig. 1.

The improved pad is provided with a facing *a*, of rubber which has formed thereon an integral frog *b* and a bead *c*, which extends around the sides and front of the pad in unbroken continuity, thereby providing a solid, increased bearing surface. The bead *c* is within the edge of the pad, the latter having a flange *d*, outside of the bead on which the metallic shoe *e*, is adapted to be placed, the nails being driven through the shoe and through the flange *d* of the pad, thereby securing both in place. The shoe at the outside and around the front is practically flush with the face of the frog *b* and bead *c*, but at the inside quarter, the shoe is of reduced thickness as at *e'*, and thus lies within or above the surface of the frog and bead, as will clearly appear from Figs. 1 and 3. Thus the bearing will be on the pad and on the outside quarter of the shoe, while very little will come on the inside quarter where the wall of the foot is less able to stand jar and strain. The facing *a* of rubber is secured to a layer

of canvas *f* and the pad is backed by leather *g*, which is secured to the facing by a row of stitching *h*, which preferably passes through the rubber canvas and leather, and follows the outer lines of the bead *c*.

In order to positively prevent the picking up of nails, a thin steel plate *i*, is interposed and clamped between the backing *g* of leather and the canvas *f*, the plate lying within the row of stitching and is thus securely held in place.

It will thus be seen that the shoe, frog and the continuous bead afford a solid bearing, the projection of the pad beyond the shoe at the inside quarter relieves the latter of strain, and the concealed steel plate effectually prevents the picking up of nails.

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

1. The herein described combined pad and shoe, the pad having a yielding frog and a raised bead, and a flange outside of the same, and the shoe seating on said flange outside the pad and frog and having a reduced thickness at the inside quarter, whereby the surface of the pad will project beyond the shoe at such quarter, substantially as described.

2. The herein described horseshoe pad having a backing of leather and a facing of rubber, said facing comprising a frog, and a bead extending in unbroken continuity around the sides and front of the pad, the pad further having a flange outside the bead, forming a seat for the shoe and adapted to receive the shoe nails for securing the pad in place, substantially as described.

3. The herein described horseshoe pad, having a backing of leather, a facing of rubber, and an interposed metallic plate, substantially as and for the purpose described.

4. The herein described horseshoe pad, comprising a backing of leather, a facing of rubber, and an interposed metallic plate, the leather and rubber being united by a row of stitching extending therearound outside of the metallic plate, substantially as described.

MICHAEL HALLANAN.

Witnesses:

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