R. K. JORDAN.
Horseshoes.

No. 145,108. Patented Dec. 2, 1873.

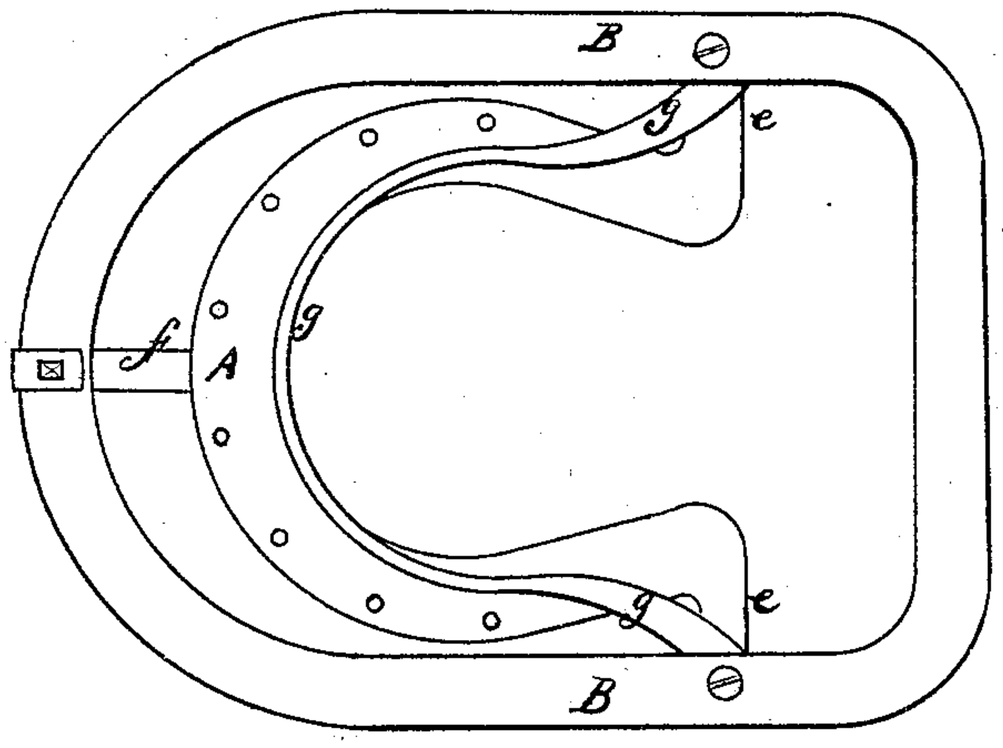


Fig. 1.

Fig. 2.

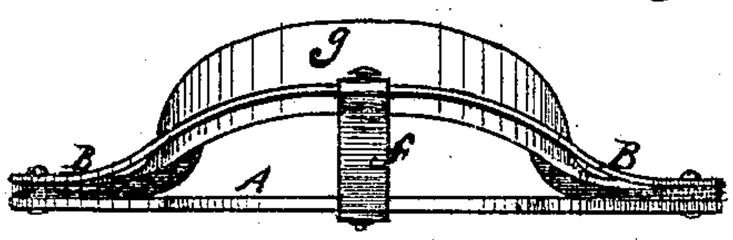
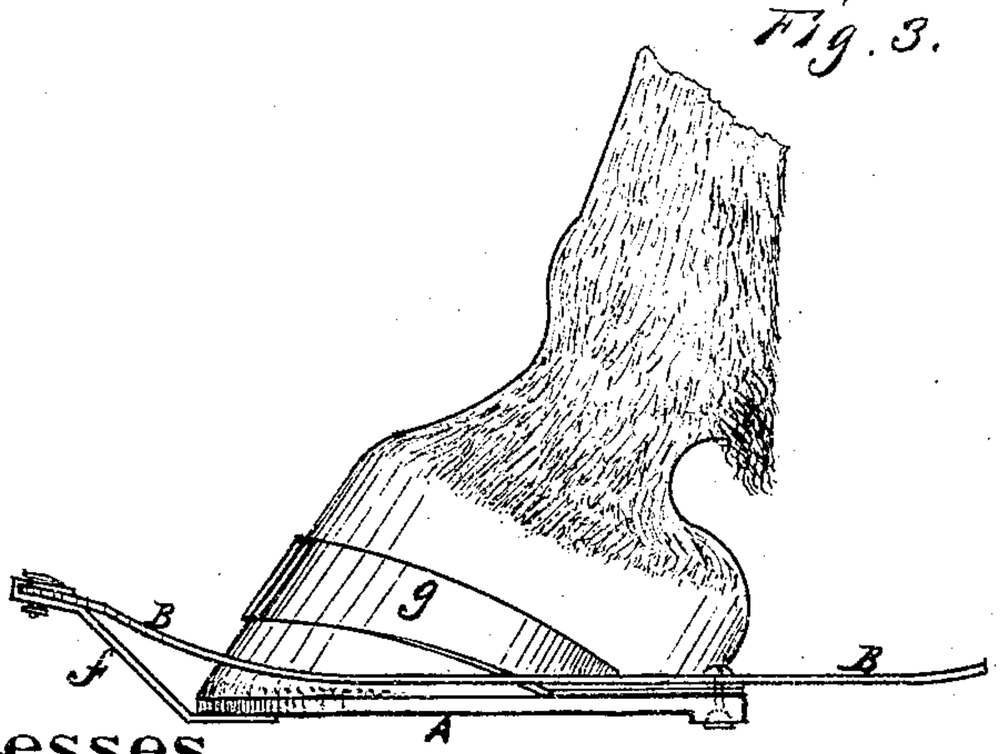


Fig. 3.



Witnesses
J. L. Borne
C. M. Richardson

Robert K. Jordan
per Dewey & Co
Attys

UNITED STATES PATENT OFFICE.

ROBERT K. JORDAN, OF OAKLAND, CALIFORNIA.

IMPROVEMENT IN HORSESHOES.

Specification forming part of Letters Patent No. **145,108**, dated December 2, 1873; application filed May 16, 1873.

To all whom it may concern:

Be it known that I, ROBERT K. JORDAN, of Oakland, Alameda county, State of California, have invented an Improved Supporting Attachment for Horseshoes; and I do hereby declare the following description and accompanying drawings are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention or improvement without further invention or experiment.

My invention relates to an improved attachment for shoes which are worn upon the hind feet of horses, by which the horse is enabled to travel over swampy, boggy, or soft ground without sinking.

In order to explain my invention so that others will be able to understand its construction, reference is had to the accompanying drawings forming a part of this specification, in which—

Figure 1 is a top or plan view of my attachment. Fig. 2 is a front elevation. Fig. 3 is a side elevation.

A represents an ordinary horseshoe, the heels or extremities of which are made longer than usual, and the extensions thus formed are bent outward in opposite directions, as shown. B is a metallic rim-plate, of the desired width, which will be usually from an inch to an inch and a half wide. This plate is bent so as to encircle the shoe A, its length being greater than its width, so as to extend a short distance both in rear and front of the toe and heel of the shoe. The sides of this surrounding rim-plate are secured to the outwardly-bent extensions *e*, by means of rivets, bolts, or otherwise, while the forward part of the plate is bent upward, and supported by a bar or plate, *f*, from the toe of the shoe. The bar or plate *f* will usually be welded or otherwise permanently secured to the toe of the shoe when the shoe is made, and in fastening the plate to its opposite or upper end, a bolt or screw can be used, so that, when desired, the rim-plate can be entirely removed from the foot. This bar or plate *f* stands upward at an angle, so that its upper end will support the forward end of the shoe at a point above the plane of the shoe, thus preventing the rim-plate from interfering with the stepping of the horse. The band *g*, which encircles the forward part of the horse's hoof, can be used or not, as desired; but I prefer to use it as it aids in binding the shoe with greater firmness to the foot. When it is used its opposite ends are also secured to the extensions *e*, as shown.

This attachment can be applied to worn-out horseshoes, if desired, as the character of the soil on which the bearing-rim is used does not require that the shoe should be as perfect as is necessary on harder ground. With this attachment to their hind shoes, horses can travel over ground in which they would sink to their knees if not provided with any supporting device.

The attachment is cheap, simple, and light, and will not interfere with the travel of the horses after they become accustomed to wearing them.

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

1. The shoe A, with its extensions *e* and bar or plate *f*, in combination with the surrounding metallic rim-plate B, substantially as and for the purpose described.

2. The metallic rim-plate B, constructed as described, having its forward end bent upward, and united to the toe of the horseshoe by an angular plate or bar, *f*, substantially as and for the purpose above described.

In witness whereof I hereunto set my hand and seal.

ROBERT K. JORDAN. [L. S.]

Witnesses:

J. L. BOONE,

C. M. RICHARDSON.