G. W. VOELKER.
Horseshoe Pads.

No. 219,327. **Patented Sept. 2, 1879.**

Fig. 1.

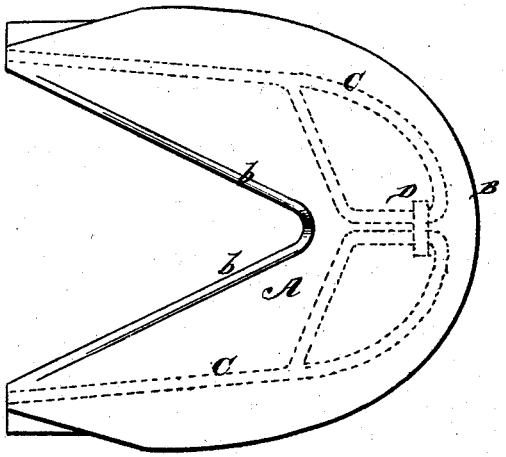


Fig. 2.

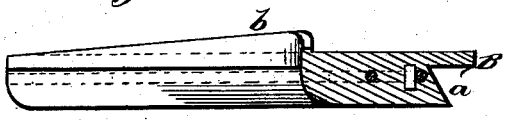
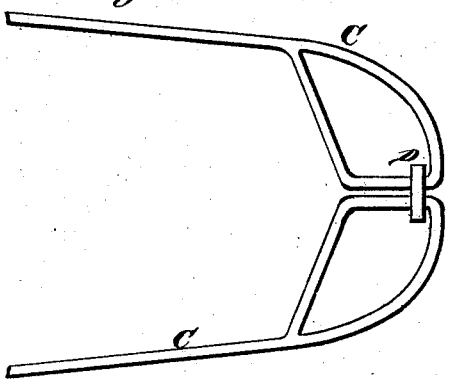


Fig. 3.



WITNESSES
Robt. Everett
James J. Sheehy.

INVENTOR
George W. Voelker.
Gilmore, Smith & Co.
ATTORNEYS

UNITED STATES PATENT OFFICE.

GEORGE W. VOELKER, OF WOONSOCKET, RHODE ISLAND, ASSIGNOR OF ONE-HALF HIS RIGHT TO EDWARD L. COOK, OF SAME PLACE.

IMPROVEMENT IN HORSESHOE-PADS.

Specification forming part of Letters Patent No. **219,327**, dated September 2, 1879; application filed June 7, 1879.

To all whom it may concern:

Be it known that I, GEORGE W. VOELKER, of Woonsocket, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Pads for Horseshoes; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a plan of my horseshoe-pad. Fig. 2 is a sectional view, and Fig. 3 is a view of the brace or wire.

The nature of my invention consists in the construction and arrangement of a pad for horseshoes made of rubber, with a divided brace embedded in the rubber, as will be hereinafter more fully set forth.

The annexed drawings, to which reference is made, fully illustrate my invention.

A represents the horseshoe-pad, made of rubber, and formed at the top with a flange, B, projecting outward along the edge entirely around the pad. The outer edge of the pad, below the flange B, is made beveled or inclined, as shown at *a*, to fit closely along the inner side of the shoe.

The center of the pad has a V-shaped opening to fit around the frog of the hoof, and an upwardly projecting flange, *b*, is formed on each side of said opening, which flanges enter at the sides of the frog and prevent any displacement of the pad.

In the manufacture of this pad the rubber is cast or molded over or around a brace made of wires or round metal rods in two parts. Each part of this brace consists of a wire or rod, C, curved somewhat in the shape of one-half of the pad, and its forward end bent backward and then turned outward, the end being fastened by solder or otherwise to the main part, as shown. The rod, at its backward turn, passes through a double link, D, which forms a hinge for uniting the two parts of the brace.

The pad made with the brace will fit any kind of shoe, no matter what shape. The rubber pad holds the brace flat, except when both are bent back to adjust the pad to the shoe, and the brace being divided in two parts, hinged together, admits of adjusting the pad to the hoof, while after the pad is adjusted the brace is as stiff as if made in one piece.

I claim—

1. In a pad for horseshoe, a metallic brace made in two parts, flexibly united together, and inclosed within the rubber forming the pad, substantially as herein set forth.

2. The metallic brace herein described, composed of two parts, C C, united by a double link, D, in combination with a rubber pad, substantially as herein set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

GEORGE W. VOELKER.

Witnesses:

GEORGE A. WILBUR,

EDWARD L. COOK.