

J. BRACKET.
HORSESHOE.

No. 112,773.

Patented Mar. 27, 1871.

Fig. 1.

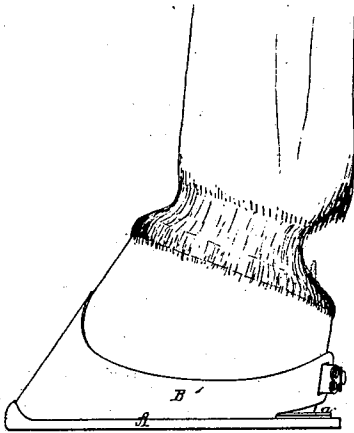


Fig. 4.

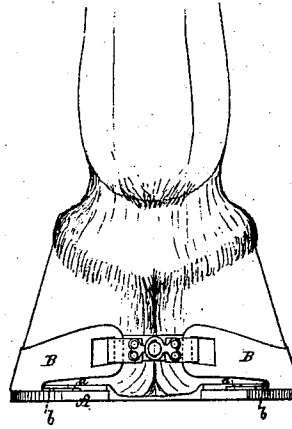


Fig. 2.

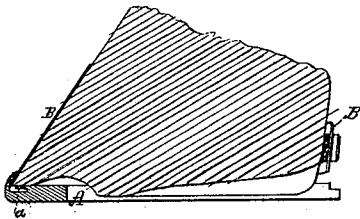
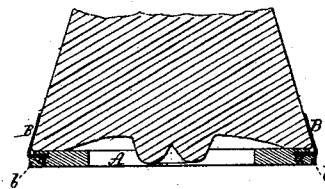


Fig. 3.



Witnesses.
S. H. Piper.
L. A. Moller.

Joseph Brackett.
by his attorney.
R. H. Eddy

United States Patent Office.

JOSEPH BRACKETT, OF LYNN, MASSACHUSETTS.

Letters Patent No. 112,773, dated March 21, 1871.

IMPROVEMENT IN HORSE-SHOES.

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

To all persons to whom these presents may come:

Be it known that I, JOSEPH BRACKETT, of Lynn, of the county of Essex and State of Massachusetts, have invented a new and useful Improvement in Horse-Shoes; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawing, of which—

Figure 1 is an elevation of a horse's hoof with one of my improved shoes applied to it;

Figures 2 and 3 are vertical sections; and

Figure 4 is a rear elevation of the same.

The purpose of my invention is to enable a horse-shoe to be readily fixed or unfixed from a hoof.

In carrying out the invention, I form the shoe A (see the drawing) with a groove, *a*, in its outer edge, and to extend entirely around it, or simply within each of the flanks of the shoe; or I make the shoe with grooves in such flanks and the toe.

I also make use of an elastic or flexile band, B, of metal, to encompass the hoof, except at the heel thereof, and to fit to the hoof, or that part of it which is just above the sole of the hoof.

The said metallic band B I provide with a tongue, *b*, or the equivalent thereof, to enter the groove or grooves *a* of the shoe.

The two ends of the metallic flexile band are to project short distances on, around, and in rear of the heel of the hoof, and are to be provided with means of fastening them together or securing the band to the hoof. To accomplish this a strap and buckle may be fixed to the ends of the band; or such band, at or near its ends, may have holes to receive a strap or elastic band, D, to be tied or otherwise secured in place, or the end

parts of the band may lap on one another, and there may be holes in them to receive a screw or screws for clamping together the lapped parts.

In applying the shoe to a hoof, it, after having been arranged against the sole, is to have the flexile band extended around the hoof and fastened with the tongue or tongues of the band within the peripheral groove or grooves of the shoe.

A shoe made and applied to the hoof of a horse in manner as described has been found to be of great utility and durability. It saves the use of nails in fixing the shoe to the hoof, and thereby avoids the evil consequences resulting from such use. It also enables a person to remove the shoes from the animal or horse at any time, so that when not at work he may be without such, and his hoofs be free to spread as nature may require, to preserve them in good condition.

I claim—

1. The flexile metallic band B, as provided with the tongue or tongues *b*, arranged as described, in combination with the horseshoe A, as furnished or made with a peripheral groove or grooves, *a*, to receive such tongue or tongues, all being substantially as specified.

2. The combination of such and a fastening, either elastic or inelastic, applied to the band for connecting its ends and holding it in place in the shoe and on a hoof, as set forth.

JOSEPH BRACKETT.

Witnesses:

R. H. EDDY,
J. R. SNOW.