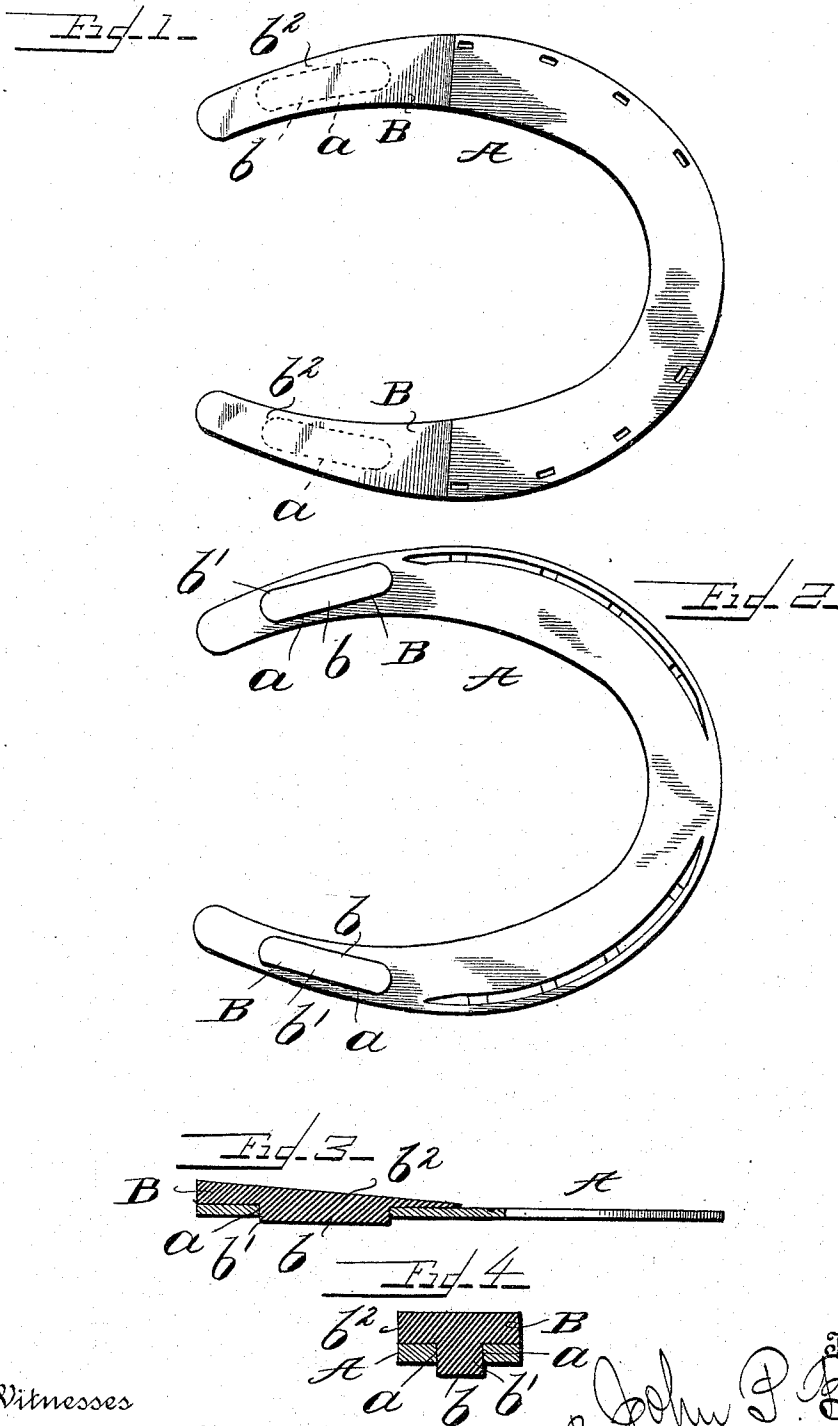


(No Model.)

J. P. BUENGERS.
HEEL PADDED HORSESHOE.

No. 534,811.

Patented Feb. 26, 1895.



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN P. BUENGERS, OF RACINE, WISCONSIN.

HEEL-PADDED HORSESHOE.

SPECIFICATION forming part of Letters Patent No. 534,811, dated February 26, 1895.

Application filed July 10, 1894. Serial No. 517,075. (No model.)

To all whom it may concern:

Be it known that I, JOHN P. BUENGERS, a citizen of the United States, residing at Racine, in the county of Racine and State of Wisconsin, have invented certain new and useful Improvements in Horseshoes; 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 horseshoes and consists of certain new and useful improvements in the same fully disclosed in the accompanying drawings and described in the specification following.

It is a fact well known to horsemen that the horse suffers much injury from the jar caused by the concussion of the foot with the ground when the animal is moving and it is especially noticeable in the case of horses used for racing purposes and fast road work, the jar being received near the heel as the foot strikes the ground.

Many devices have been used with more or less success to obviate this difficulty and it is to this end of obtaining better results in this direction that the object of my invention tends.

In the drawings, Figure 1 is a plan view of the top of a shoe provided with my improvement. Fig. 2 is a similar view of the bottom of the shoe, and Figs. 3 and 4 are sectional views of my invention.

Similar letters of reference indicate identical parts throughout.

A represents an ordinary shoe of suitable material provided with an aperture *a* of any desirable form but preferably of the form

shown, extending through the shoe. A pad *B* of resilient material such as rubber or felt is then placed on the upper face of the shoe and is constructed with a downwardly extending lug *b* conforming in shape with the aperture *a* in the shoe. This lug is preferably made so as to extend through the opening *a*, the protruding end *b'* acting as a calk. The lug *b* also acts to hold the main body *b²* of the pad from lateral displacement after the shoe is nailed on in the ordinary manner.

The mode of using my improved device is evident. The shoe provided with the openings *a a* is first prepared and the pad then placed upon the upper surface of the shoe, the lugs *b b* passing through the openings *a a* as shown. The shoe is then nailed in place, the pad being between the hoof of the shoe and relieving the heel of the horse from jar.

It is evident that the pad may be made of any desired or variable thickness by reducing the shoe more or less at the heel.

What I claim, and desire to secure by Letters Patent, is—

A horseshoe having metallic ground and hoof contact surface throughout the greater part of its extent, and provided with pads of yielding material interposed between the heel of the shoe and the foot, said pads having projections extending through the shoe and beyond the lower surface of the shoe, substantially as described.

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

JOHN P. BUENGERS.

Witnesses:

C. C. HALL,
EDGAR JANES.