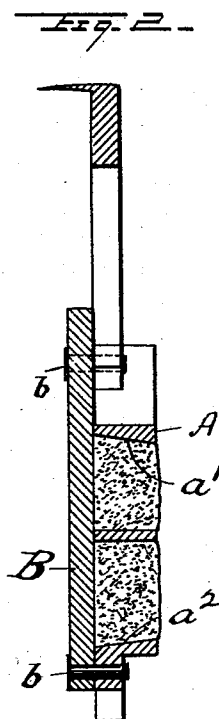
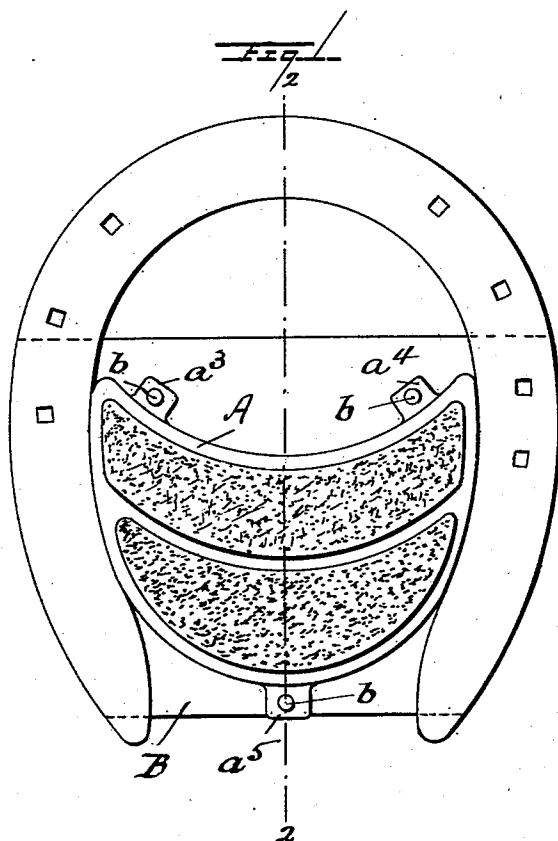


(No Model.)

W. E. JENNINGS.
HORSESHOE PAD.

No. 569,022.

Patented Oct. 6, 1896.



Witnesses

A. J. Hadden
A. E. C. Bannett

Inventor

W. E. Jennings

by his Attorney

A. J. Hadden

UNITED STATES PATENT OFFICE.

WILLIAM E. JENNINGS, OF BATH, ENGLAND.

HORSESHOE-PAD.

SPECIFICATION forming part of Letters Patent No. 569,022, dated October 6, 1896.

Application filed February 24, 1896. Serial No. 580,490. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM ETHELDRED JENNINGS, a subject of the Queen of Great Britain, residing at Bath, in the county of Somerset, England, have invented certain new and useful Improvements in Horseshoe-Pads, of which the following is a specification.

This invention relates to pads or antislipping appliances for the hoofs of horses, and has for its object to provide a pad of a durable character and more effective in the prevention of slipping than the rubber pads now in use.

In the annexed drawings, Figure 1 is a plan view from below of a horseshoe with the improved pad fitted thereto. Fig. 2 is a section thereof on the line 2 2 of Fig. 1.

A is a metal frame made of cast metal, usually iron, and having two curved or crescent-shaped parallel chambers $a' a^2$, tapered so as to be wider on the upper side of the frame nearer to the hoof than they are on the under side nearer to the ground.

The frame A is provided with the lugs $a^3 a^4 a^5$, by means of which it may be secured to a flexible plate B, usually of leather. $b b$ are rivets for securing the frame A to the plate B. Previous to securing the frame to the plate the chambers $a a'$ are filled from above with firmly-compressed rope, cork, or similar material, but preferably tarred hemp rope. The plate B is of such size that it may extend from the heel of the shoe about three-fifths of the distance toward the toe of

the shoe, and from the outer edge of one side of the shoe to the outer edge of the other. It is secured with the shoe to the hoof by means of those of the shoe-nails that pass through the plate B, the latter lying between the hoof and the shoe.

I claim as my invention—

1. The combination with a flexible plate B, of a cast-metal frame A having tapered chambers $a' a^2$ and lugs $a^3 a^4 a^5$, rivets b , and compressed non-slipping material in chambers $a' a^2$, substantially as described.

2. The combination with a leather plate B, of a cast-metal frame A having tapered recesses $a' a^2$ and lugs $a^3 a^4 a^5$, rivets b , and compressed rope in the chambers $a' a^2$, substantially as described.

3. The combination with a horseshoe, of a leather plate B extending from the heels to about three-fifths of the distance toward the toe of the shoe and coinciding with its side edges with the exterior side edges of the shoe, a cast-metal frame A fitted within the rear part of the shoe having crescent-shaped chambers $a' a^2$ tapering from above downwardly, lugs $a^3 a^4$ and a^5 , rivets $b b b$, and compressed non-slipping material held within said chambers $a' a^2$, substantially as set forth.

In witness whereof I have signed this specification in presence of two witnesses.

WILLIAM E. JENNINGS.

Witnesses:

H. J. HADDAN,
A. J. HADDAN.