D. T. BARBER.

HOOF PAD.

APPLICATION FILED JULY 23, 1908.

903,043. **Patented Nov. 3, 1908.**

Fig. 1.

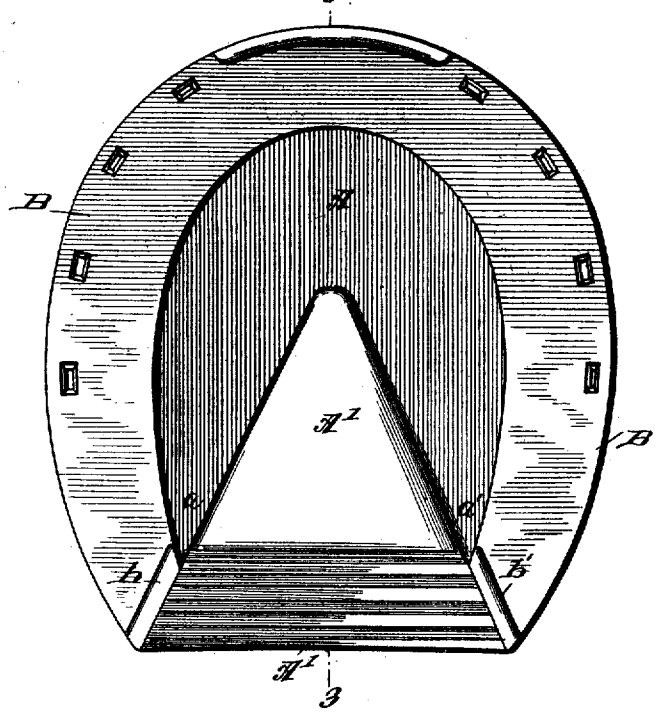


Fig. 2.

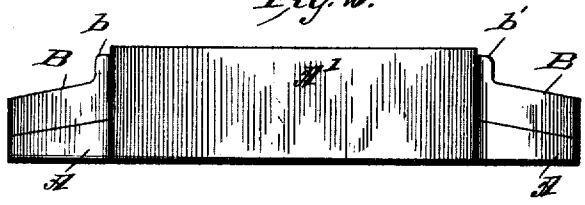
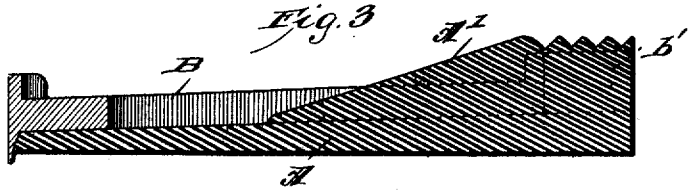


Fig. 3



WITNESSES

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HOOF-PAD.

No. 903,043. Specification of Letters Patent. Patented Nov. 3, 1908.

Application filed July 23, 1906. Serial No. 327,379.

To all whom it may concern:

Be it known that I, DELOSS T. BARBER, a citizen of the United States, and a resident of Gustavus, in the county of Trumbull and State of Ohio, have invented an Improved Hoof-Pad for Horses, of which the following is a specification.

My invention is an improvement in that class of hoof-pads which are formed of elastic material and are arranged beneath a metal shoe and are secured to the animal's hoof by the same nails that hold the shoe.

The invention is embodied in the construction and combination of parts hereinafter described, and illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of the rubber pad and metal shoe. Fig. 2 is a rear elevation of the same. Fig. 3 is a longitudinal section on the line 3—3 Fig. 1.

Similar letters refer to similar parts throughout the several views.

In my invention or improvement, the bar or frog-cover A′ of the hoof-pad A, which is the hollow raised portion of the pad designed to lie directly under and cover the frog of the animal's hoof, is constructed so that the side lines *a a′* (Fig. 1) conform to the natural lines of the frog in the animal's hoof.

The metal shoe B, whether plain or calked, I construct so that the ends thereof *b b′* exactly conform to and meet the side lines *a a′* of the bar of the pad. These lines are straight, and converge from the rear to front, so that the sides of the bar or frog-cap A′ conform, or lie parallel, and close to the sides of the frog of the animal's foot. If the lines were extended forward they would meet near the center of the toe of the animal's hoof. The ends of the shoe are formed on the same lines and lie in contact with and support the converging sides of the frog cap A′, and extend to the base corners of the pad.

In my invention or improvement I hold the bar of the hoof-pad firmly in place by constructing it to lie between the ends of the metal shoe, which ends meet the angle of the bar of the pad in a straight line, there being no extension of the hoof pad beyond the iron or metal shoe, and yet the entire width of the bar of the pad at the heel is retained for the use of the animal by trimming the metal shoe to meet the lines of the bar as shown in the drawings.

It will be seen that the heels of the metal shoe B extend to the rear corners of the bar, or raised frog portion, A′, of the pad, and also that the said heels are formed on the same straight, converging lines as the sides of the bar and closely abut the latter so as to firmly support it and prevent the lateral spread or movement of the same in use under any degree of pressure. In addition to this function it will be further seen that, by bringing the heels of the metal shoe to the rear end of the pad, they furnish a firm unyielding support when the bar A′ yields to pressure to a sufficient degree, and the heels of the metal shoe may be provided with calks whenever required to prevent slipping of the animal's foot on slippery or icy pavements.

I claim as my invention, and desire to have secured to me by Letters Patent;—

1. The combination of the metal horseshoe and elastic hoof pad, having a flat body and a raised heel A′ corresponding in form and location to the natural frog, the straight sides of said heel converging to the front, the horseshoe being secured upon the pad with its heel portions extending to the rear corners of the pad heel and formed on lines parallel to the sides of the same, the rear face of the pad heel and the ends of the shoe being in substantial alinement, as described.

2. The improved elastic hoof pad having a flat body portion and a raised heel A′ corresponding in form and location to the natural frog, the straight sides of said heel converging to the front, and its rear face adapted for substantial alinement with the rear of the shoe, thereby making the pad and shoe substantially coextensive, as set forth.

DELOSS T. BARBER.

Witnesses:

CHAS. E. CHADMAN,

J. E. POTTER.