

No. 888,385.

PATENTED MAY 19, 1908.

J. F. BORGELT.
HORSESHOE CALK.
APPLICATION FILED JULY 29, 1907.

Fig. 1.

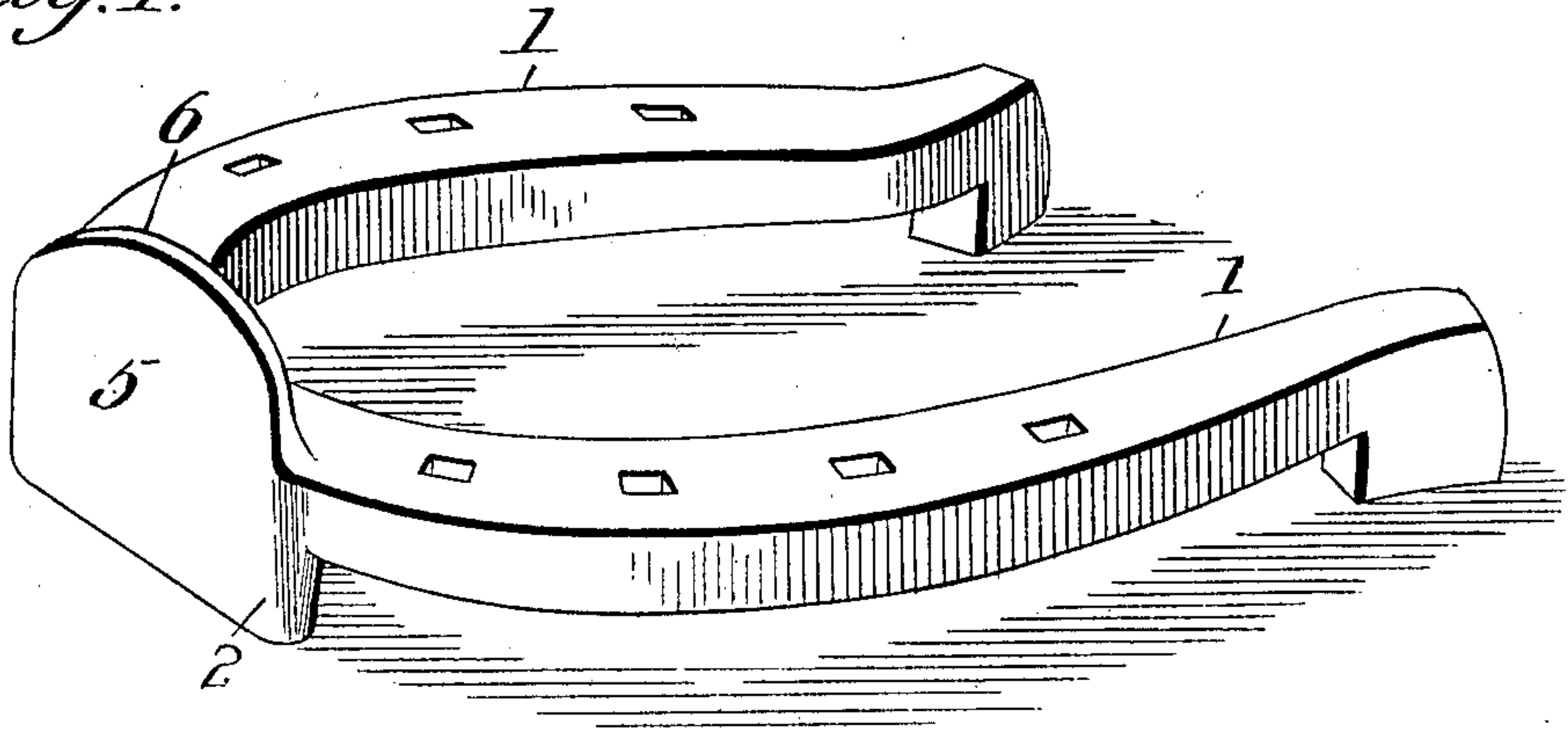


Fig. 2.

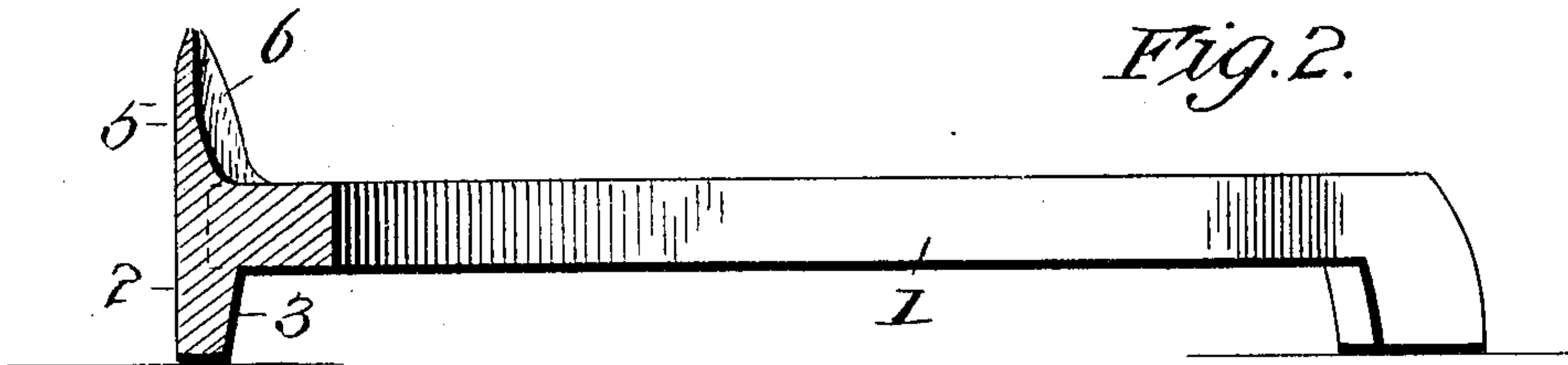


Fig. 3.

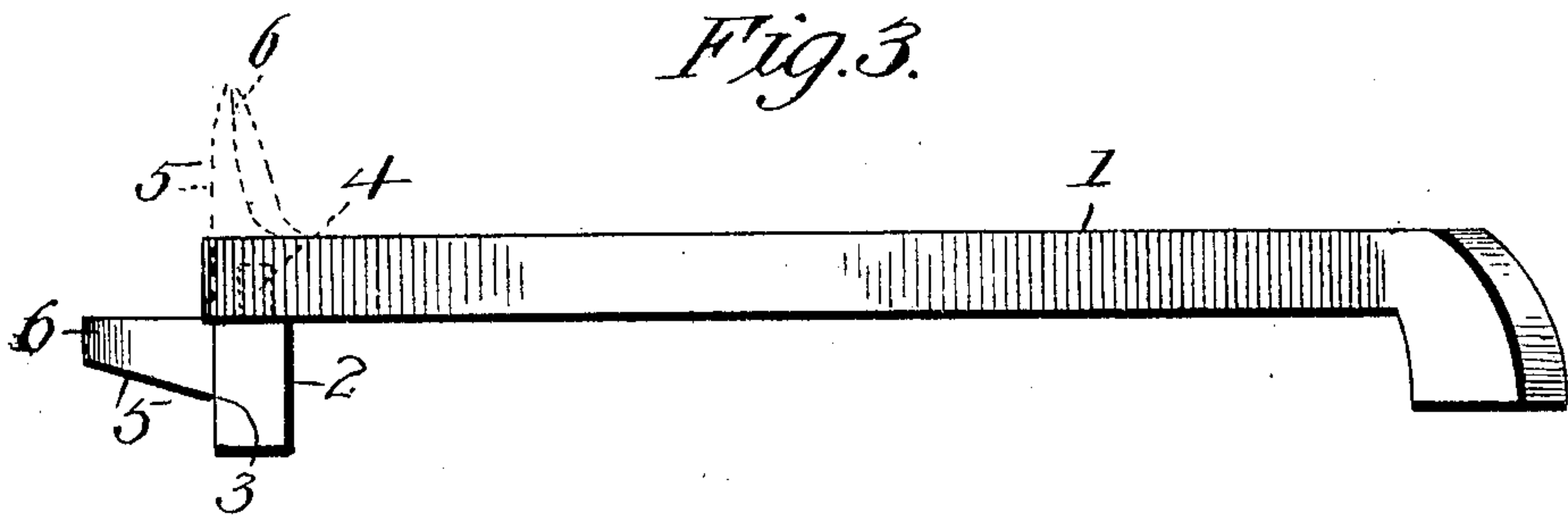
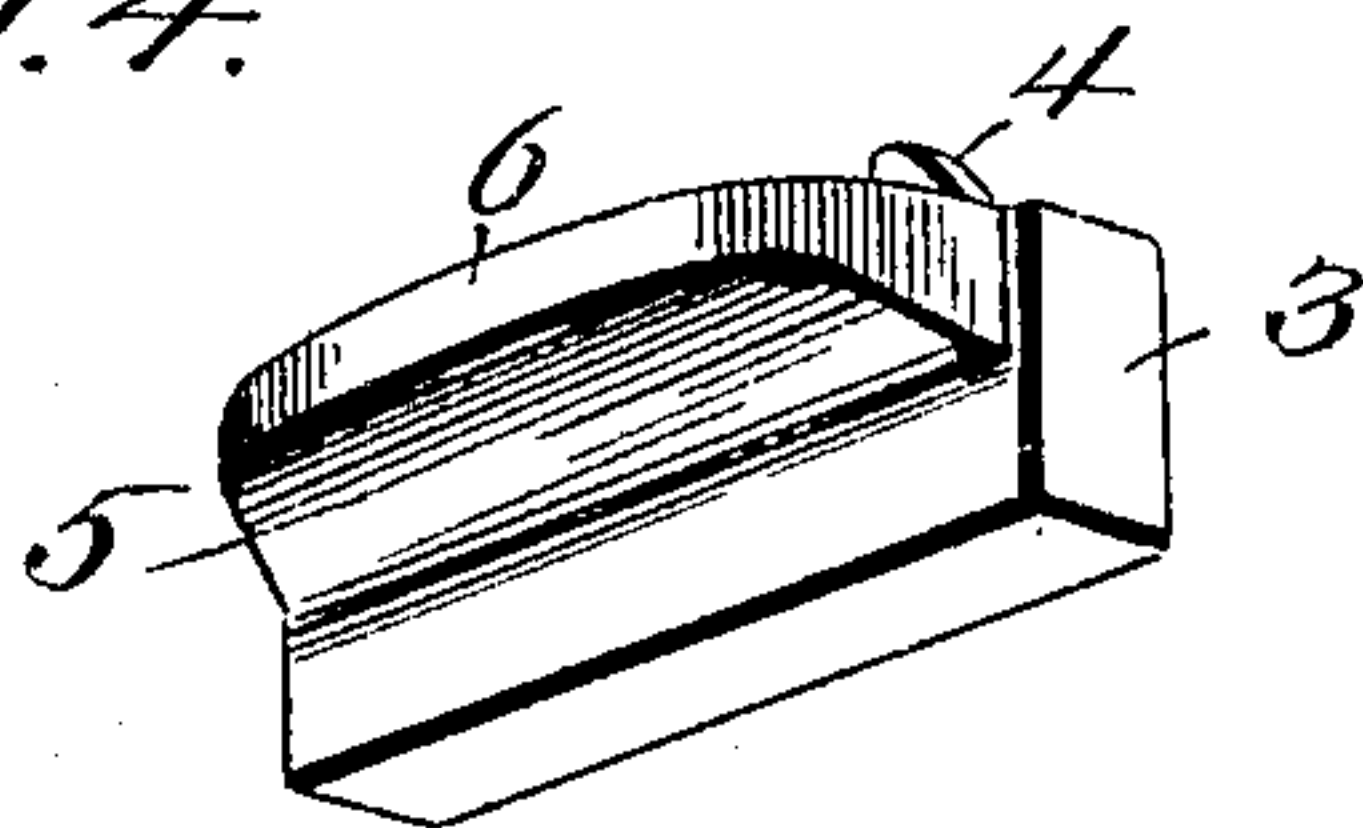


Fig. 4.



WITNESSES:

W. F. Borgelt.
Alfred T. Gage

INVENTOR

J. F. Borgelt.

BY *E. B. Stocking*

Attorney

UNITED STATES PATENT OFFICE.

JOHN F. BORGELT, OF MOSCOW MILLS, MISSOURI.

HORSESHOE-CALK.

No. 888,385.

Specification of Letters Patent.

Patented May 19, 1908.

Application filed July 29, 1907. Serial No. 386,011.

To all whom it may concern:

Be it known that I, JOHN F. BORGELT, citizen of the United States, residing at Moscow Mills, county of Lincoln, and State of Missouri, have invented certain new and useful Improvements in Horseshoe-Calks, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a horse shoe calk, and particularly to a toe calk welded to the shoe.

The invention has for an object to provide a toe calk formed with a clip extended at an angle to the body thereof at its upper portion adapted to be drawn upward over the toe of the shoe and welded thereto so as to embrace the bottom, front and top of the toe and thus firmly maintain the welded calk and integral toe clip in position.

Other and further objects and advantages of the invention will be hereinafter set forth and the novel features thereof defined by the appended claims.

In the drawing: Figure 1 is a perspective of the completed shoe and calk; Fig. 2 is a central longitudinal section; Fig. 3 is an elevation of the partially completed shoe; Fig. 4 is a detail perspective of the calk and clip.

Like numerals refer to like parts in the several views of the drawing.

The numeral 1 designates a horse shoe which may be of any ordinary construction or configuration and has applied at the front thereof a toe calk 2. As shown in Fig. 4, this calk comprises a block 3 having the usual steadying pin 4 in its upper surface by which the calk is attached to the shoe in the welding operation. Extending at an angle to the block 3 is a clip portion 5 formed integral therewith and provided with a curved free edge 6. This calk is applied to the under face of the shoe, as shown in Fig. 3 and the parts then heated so that the clip 5 may be drawn or forced upward into the dotted line position shown in said figure so as to embrace

the bottom, front and top of the shoe at the toe portion thereof to which it is welded during this operation. The portion 5 in this position forms the toe clip of the shoe, and being integral with the calk sustains it against loosening or accidental removal by embracing and being welded to the toe of the shoe. This form of clip provides an extended welding face and by forming the clip on the calk leaves the toe of the shoe with the full width and strength of the metal therein and effectually prevents the horse from bumping it off of the shoe by striking the toe as frequently occurs in other forms of welded calks. Furthermore, this calk provides a flat surface for the blow of the hammer during the welding and also a surface on the underside of the clip by which it can be readily and effectually drawn over the toe of the shoe when heated and welded thereto.

The invention presents a simple article of manufacture which can be readily used by any blacksmith and applied to the ordinary type or character of shoe.

It will be further noted that by forming the calk in the manner described the possibility of injury to the horse's hoof by cutting is entirely obviated as all sharp edges are dispensed with.

Having described my invention and set forth its merits, what I claim and desire to secure by Letters Patent is:—

1. A toe calk comprising a body portion having a clip extended laterally from its front face at the top thereof.

2. A toe calk comprising a body portion having a holding pin in its top face and a clip extended laterally from its front face at the top thereof and formed with a curved free edge.

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

JOHN F. BORGELT.

Witnesses:

JEREMIAH STRICKLAND,
JOHN W. JONES.