

J. T. WALKER.
Horseshoe.

No. 168,068.

Patented Sept. 21, 1875.

Fig. 1.

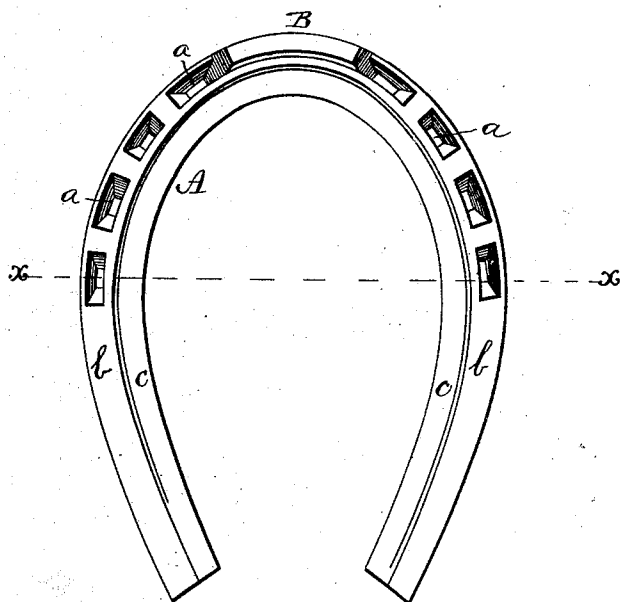
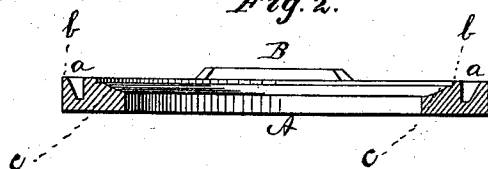


Fig. 2.



WITNESSES

Henry N. Miller
C. L. Ewert

By

INVENTOR

James T. Walker
Alexander Mator
Attorney

UNITED STATES PATENT OFFICE.

JAMES T. WALKER, OF ALBANY, NEW YORK.

IMPROVEMENT IN HORSESHOES.

Specification forming part of Letters Patent No. 168,068, dated September 21, 1875; application filed April 17, 1875.

To all whom it may concern:

Be it known that I, JAMES T. WALKER, of Albany, in the county of Albany and in the State of New York, have invented certain new and useful Improvements in Horseshoes; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in a horseshoe so formed that a portion of the metal from which it is made shall be left in such shape as to form the toe-calk, as will be hereinafter more fully set forth.

In the annexed drawing, Figure 1 is a bottom view of my improved horseshoe; and Fig. 2 is a section of the same through the line *x x*, Fig. 1.

A represents the horseshoe, made of Bessemer steel or other suitable metal, with the toe-calk B all in one piece, obviating the necessity of welding one on, as is now usually done. This shoe is bent from a rolled blank, and is provided with a ridge, *b*, on its outer side, extending entirely around the shoe, and of about one-half the width of the metal. The toe-calk B is of a width equal to this ridge, and the nail-holes *a* are formed in said ridge. C represents the inner rim of the shoe, which is less in thickness than the ridge or outer rim *b*.

By this construction the shoe is made light

and strong. This furnishes the blacksmith with a shoe as nearly as possible in the condition the ordinary shoe of commerce is after he has welded on the toe-calk, with this advantage, that the calk is a part of the original metal from which the shoe is made, and is thus homogeneous with the rest of the shoe, and to a great degree lessening the chance of the calk being broken off.

The prints or indentations *a a* of the horseshoe are made with three inclined and one straight side, which allows of the better driving and riveting of the nails. The lower part of the nail-head is gripped firmly, while there is sufficient room for the spreading of the upper part to properly rivet the same.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The herein-described horseshoe, formed of a single piece of metal, with the outer ridge *b*, having the toe-calk projecting from and formed therewith, and of a width equal to one-half the width of the shoe, and having the nail-holes *a*, all as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 18th day of March, 1875.

JAMES T. WALKER.

Witnesses:

JAMES YETTO, Jr.,
ROB. BAINBRIDGE.