

J. T. WALKER.
Horseshoe.

No. 168,068.

Patented Sept. 21, 1875.

Fig. 1.

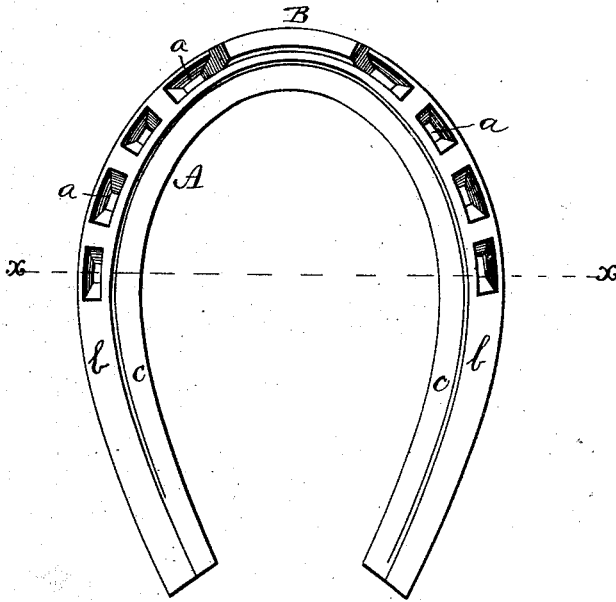
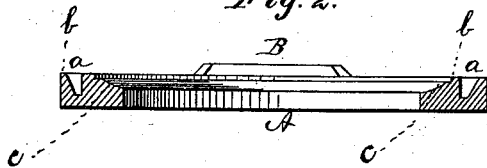


Fig. 2.



WITNESSES

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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 griped 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.