

H. M. PATTERSON.  
Ice-Nail for Horseshoes.

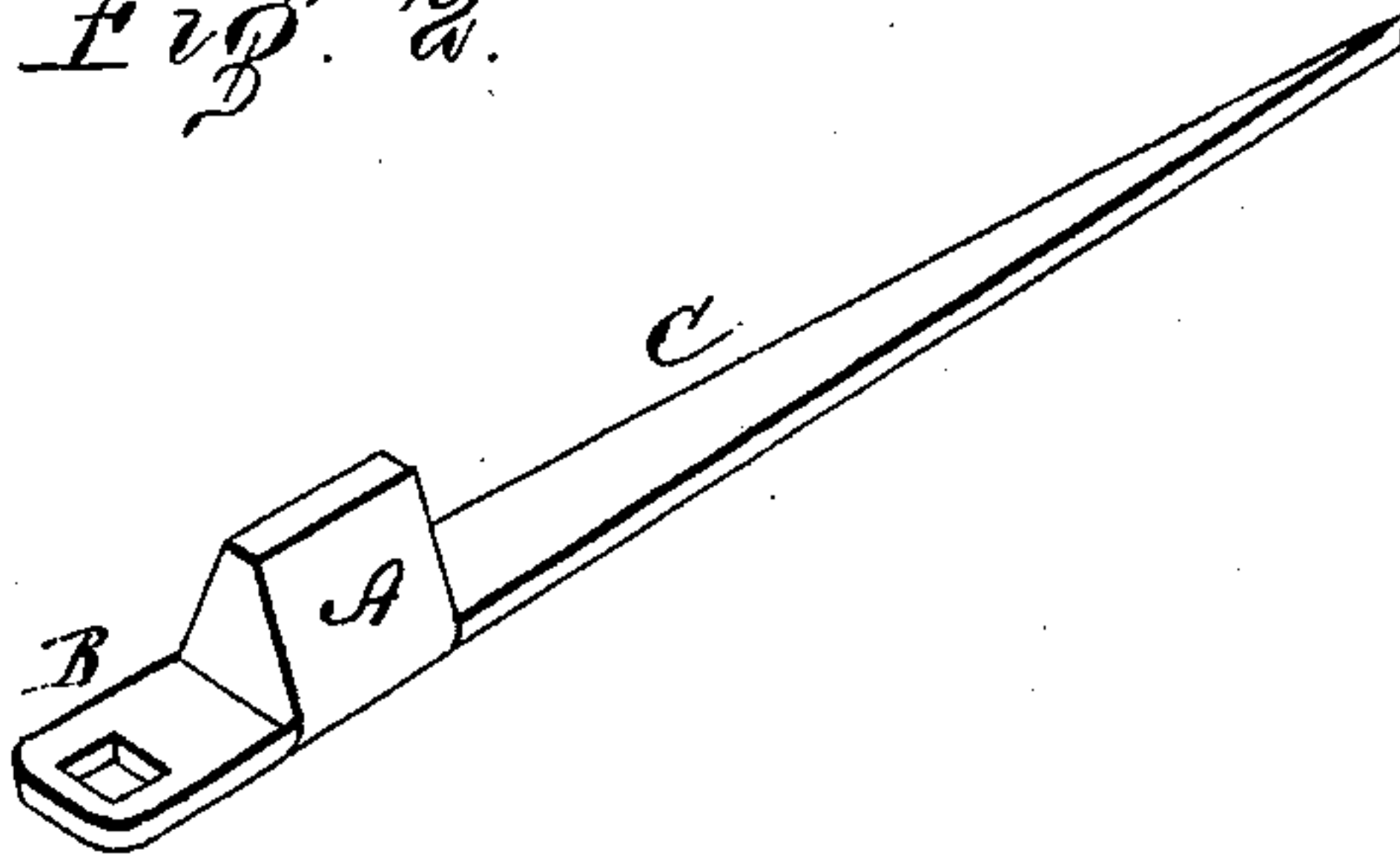
No. 169,286.

Patented Oct. 26, 1875.

*Fig. 1.*



*Fig. 2.*



WITNESSES  
*Frank L. Ourand*  
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By

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# UNITED STATES PATENT OFFICE.

HENRY M. PATTERSON, OF MONTEREY, VIRGINIA.

## IMPROVEMENT IN ICE-NAILS FOR HORSESHOES.

Specification forming part of Letters Patent No. **169,286**, dated October 26, 1875; application filed May 31, 1875.

*To all whom it may concern:*

Be it known that I, HENRY M. PATTERSON, of Monterey, in the county of Highland and in the State of Virginia, have invented certain new and useful Improvements in Ice-Nails; 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 the construction and arrangement of an ice-nail, to be used on ordinary horseshoes, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 shows the application of my invention to a horseshoe. Fig. 2 is a perspective view of the ice-nail.

A represents a horseshoe-calk of suitable form, to be used on ice or slippery places. At one end of the calk A is a projecting perforated ear, B, and at the other end projects an

elongated wedge-shaped strap, C, the whole made in one piece of tough iron.

This nail is driven in between the shoe and the hoof and then bent under, so as to bring the calk A on the under side of the shoe, and the pointed end passed through the slot or hole in the head or end B and clinched, leaving the three-sided calk resting on the shoe.

This ice-nail can be applied to any shoe, at any part, by any one, without any particular skill or tools.

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

The within-described ice-nail, consisting of the head or calk A, perforated ear B, and strap C, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand this 7th day of May, 1875.

HY. M. PATTERSON.

Witnesses:

CHARLES P. JONES,  
SAML. SULLENBERGER.