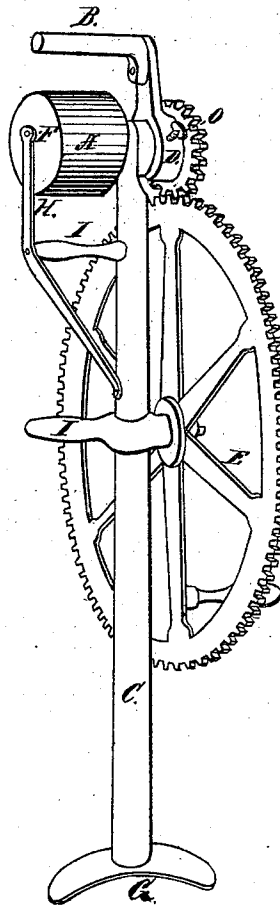


T. P. RANDALL.

Horse-Shoe Sharpeners.

No. 133,337.

Patented Nov. 26, 1872.



Witnesses,

W. F. Cornell  
S. J. Cornell.

Inventor,

Timothy P. Randall.

# UNITED STATES PATENT OFFICE.

TIMOTHY P. RANDALL, OF ADRIAN, MICHIGAN.

## IMPROVEMENT IN HORSESHOE-SHARPENERS.

Specification forming part of Letters Patent No. **133,337**, dated November 26, 1872.

*To all whom it may concern:*

Be it known that I, TIMOTHY P. RANDALL, of the city of Adrian, county of Lenawee and State of Michigan, have invented a new and useful Improvement in Sharpening Horseshoes; and I do hereby declare the following to be a full, clear, and exact description of the same, which will enable others skilled in the art to make and use my invention, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification, like letters referring to like parts.

My invention consists in sharpening horseshoes, while attached to the foot, by grinding.

To enable others skilled in the art to make and use my invention, I will describe its construction and operation.

In the drawing, the letter A represents a grinding-cylinder, made of emery or other grit; B, a rest or guide; C, the stock; D, an arm; E, the driving-wheel; F, the mandrel; G, breast-strap; H, brace; I I I, handles; and o, pinch-screw.

In order to sharpen horseshoes by my invention I take up the foot, place the rest B over the calk, then the breast-strap G against the breast; then press the grinding-cylinder A against the other side of said calk, holding it in position with the handles I I. By rotating the driving-wheel E the grinding-cylinder A is rotated against the calk, which grinds said calk sharp. The rest or guide B can be raised or lowered and held in position by pinch-screw o.

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

1. The combination of the grinding-cylinder A and the rest or guide B, for the purpose set forth.
2. The combination of the stock C and driving-wheel E, for the purpose set forth.

TIMOTHY P. RANDALL.

Witnesses:

W. F. CORNELL,  
F. D. CORNELL.