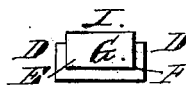
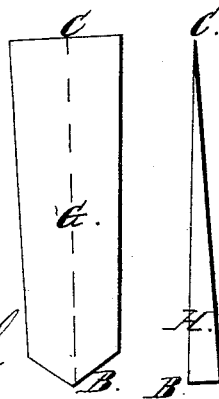
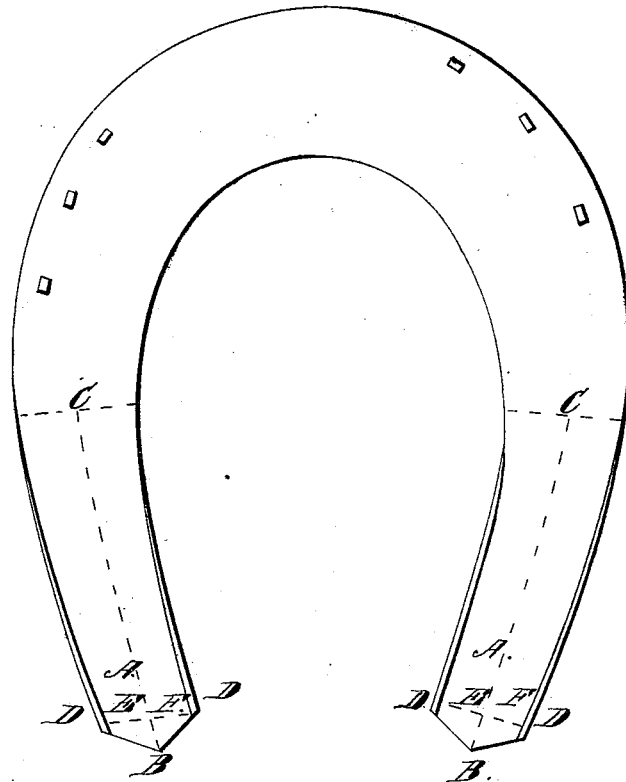


# *J. H. Brown,* *Horseshoe.*

*Nº 51,916.*

*Patented Jan. 9, 1866.*



*Witnesses*

*Heinrich Froh*  
*John A. Randal*

*Inventor.*

*J. H. Brown*

# UNITED STATES PATENT OFFICE.

JOHN H. BROWN, OF WATERTOWN, MINNESOTA.

## HORSESHOE.

Specification forming part of Letters Patent No. 51,916, dated January 9, 1866.

### *To all whom it may concern:*

Be it known that I, J. H. BROWN, of Watertown, in the county of Carver, in the State of Minnesota, have invented a new and Improved Horseshoe with Grooves in the Heel Portion of the Shoe, with elastic filling to prevent lameness; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in grooving the heel portions of the horseshoe on the inside and inserting into these grooves a piece of an elastic substance, such as india-rubber vulcanized, which will lie between the horse's hoof and the iron horseshoe, thereby breaking the concussion of the foot striking on hard roads or street-pavements, and consequently preventing lameness.

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

I construct my horseshoe similar in shape to other shoes, excepting raised rims D on the edges of the shoe, thereby causing grooves A,

for the purpose of inserting the elastic substance G. These grooves A are tapering, commencing at C, and being deepest at B. The piece G, being wider at C than at B, prevents it from slipping backward, and must be cut tapering to fill up the grooves, and, being thicker at B than at C, prevents the horse's foot from touching the iron. The rims D hold the inserted elastic substance firmly in its place.

I do not claim, broadly, the use of india-rubber or other elastic material interposed between the shoe and the hoof; nor do I claim, broadly, inserting the elastic material in a groove formed in the surface of the shoe; but

What I do claim as my invention, and desire to secure by Letters Patent, is—

The tapering grooves in the heel portions of the shoe, formed in the manner and of the shape described, in combination with the short tapering section of india-rubber, as and for the purpose set forth.

J. H. BROWN.

Witnesses:

HERMANN TROTT,  
JOHN H. RANDALL.