

L. W. GRISWOLD.  
Horseshoes.

No. 154,389.

Patented Aug. 25, 1874.

fig. 1

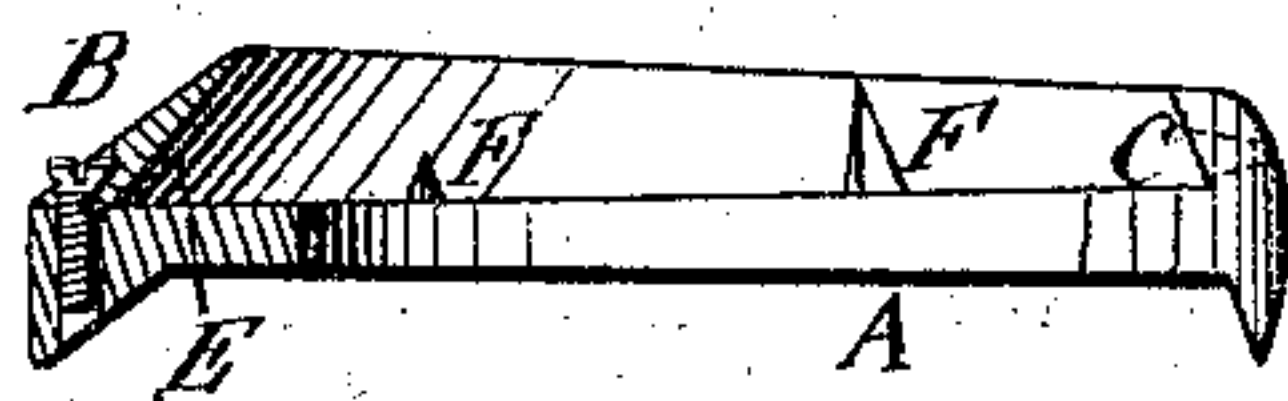
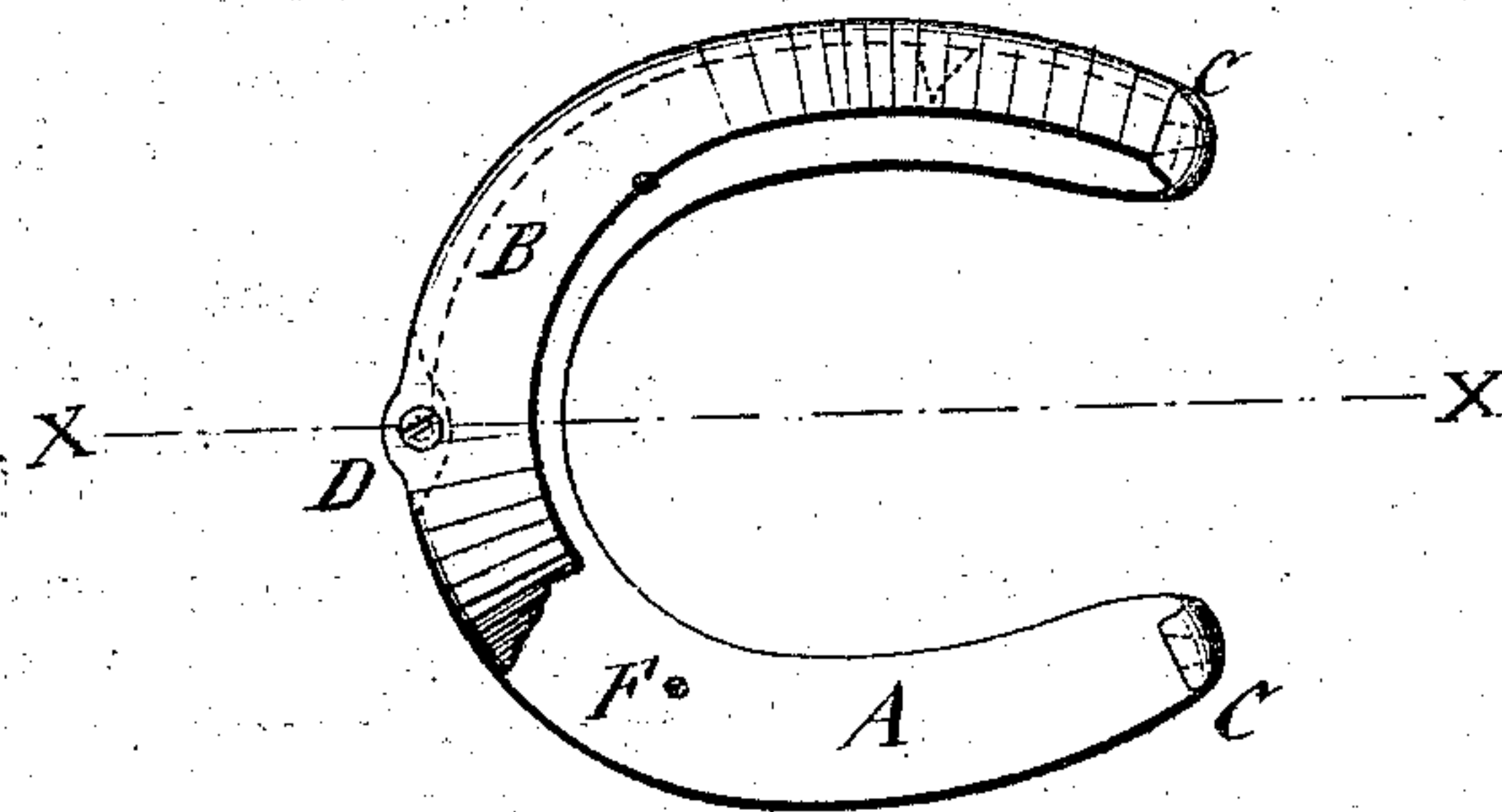


fig. 2



WITNESSES:

C. Neveux.  
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# UNITED STATES PATENT OFFICE.

LUTHER W. GRISWOLD, OF MARSHALLTOWN, IOWA.

## IMPROVEMENT IN HORSESHOES.

Specification forming part of Letters Patent No. **154,389**, dated August 25, 1874; application filed May 1, 1874.

*To all whom it may concern:*

Be it known that I, LUTHER W. GRISWOLD, of Marshalltown, in the county of Marshall and State of Iowa, have invented a new and useful Improvement in Horseshoes, of which the following is a specification:

The object of this invention is to so construct horseshoes that they can be readily put on and taken off the horse's hoof without nailing or resorting to the blacksmith; and it consists of a shoe made in two parts, which are fastened together as hereinafter described.

In the accompanying drawing, Figure 1 is a section of the shoe, taken on the line *x x* of Fig. 2. Fig. 2 is a top view.

Similar letters of reference indicate corresponding parts.

This shoe is made in two parts, A and B, fastened together by means of dovetails C at the heel, and a screw, D, at the toe. The lower part has a toe and heel calks, as seen in the drawing, and the foot of the horse rests upon its upper side. The part B forms a metallic rim around the hoof, which covers the rim of the natural hoof, and forms, with the lower part A, an acute angle, E, which fits the rim of the hoof, so that when the parts are screwed together the shoe is firmly held of the hoof. F represents points on either the lower or upper part, (or on both, as seen in the drawing,) which serve to prevent the hoof from slipping or moving when resting in the shoe. These points F are not an important feature, and may be dispensed with. By turning down the

screw D the shoe is securely fastened to the foot, and may be tightened at any time by putting a cloth or rubber cushion beneath the foot. By loosening the screw D the shoe is readily removed. Screws may be used on the sides, if deemed necessary.

By the use of this shoe the horse's feet are left in their natural state, only requiring to be rasped off occasionally as the hoof grows. These shoes will outlast the ordinary horseshoe, as they may be removed at pleasure when the ground is soft, (as in plowing and in many other services on the farm,) as well as when taking a vacation at pasture.

My horseshoe can be constructed of malleable cast-iron and of different sizes, so that the entire shoe, ready for use, can be furnished to the public at from twenty to thirty cents per shoe, while even fancy shoes, with polished rim of brass or other metal, may be constructed, which will not cost as much as the shoe now in use.

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

The combination, with two horseshoe-sections, A B, having corresponding dovetail connection at the heel, of the toe-screw D, applied as and for the purpose set forth.

LUTHER W. GRISWOLD.

Witnesses:

WILLIAM HUMPHREY,  
ELLEN M. ROGERS.