

B. F. PORTER.
Weight for Horseshoe.

No. 210,146.

Patented Nov. 19, 1878.

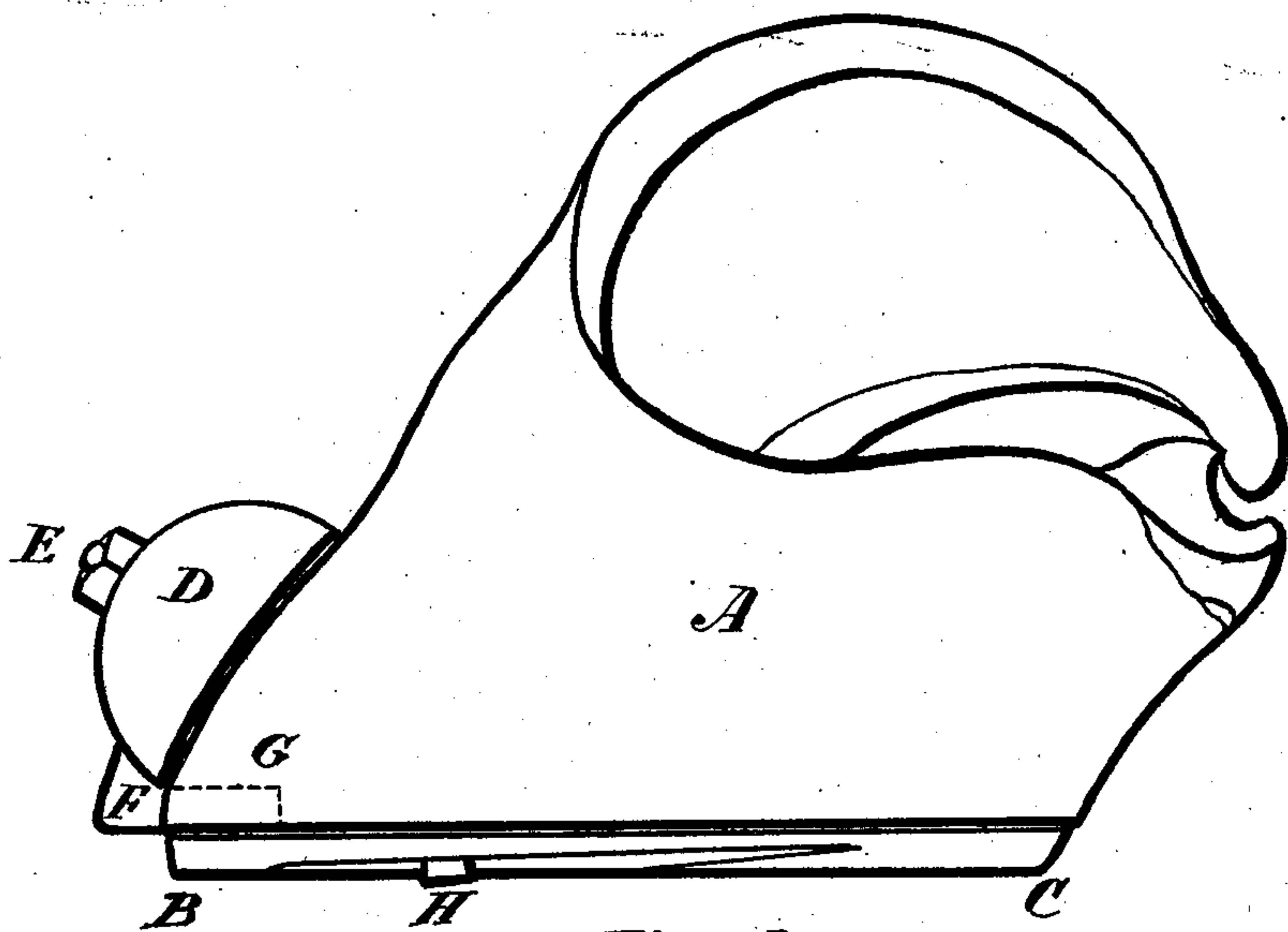


Fig. 1.

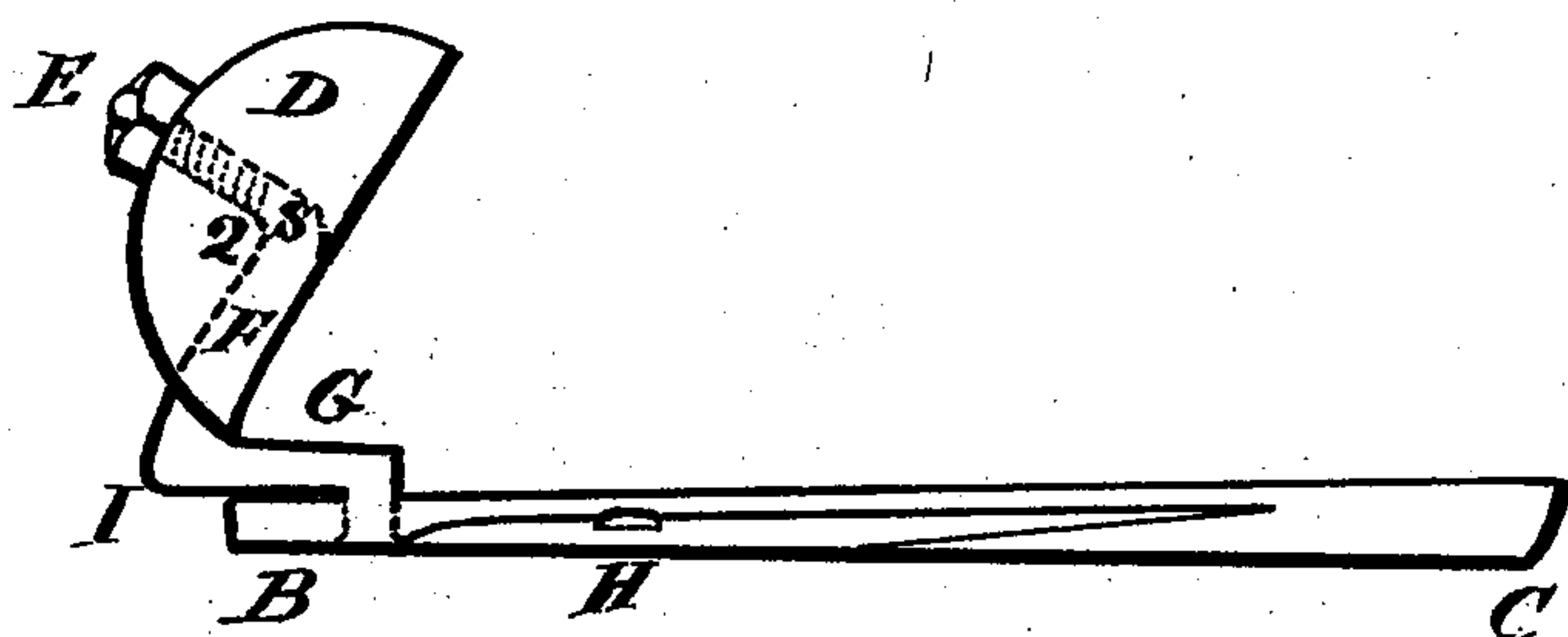


Fig. 2.

WITNESSES :

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BENJAMIN F. PORTER, OF MEADVILLE, PENNSYLVANIA.

IMPROVEMENT IN WEIGHTS FOR HORSESHOES.

Specification forming part of Letters Patent No. **210,146**, dated November 19, 1878; application filed April 27, 1878.

To all whom it may concern:

Be it known that I, BENJAMIN F. PORTER, of the city of Meadville, in the county of Crawford and State of Pennsylvania, have invented a new and useful Improvement in Weights for Horseshoes, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

The nature and object of my invention are as follows, to wit: to construct an adjustable toe and side weight for horseshoes in such a manner that it can be attached to a horseshoe at any desired point between the toe and heel, and that it may be attached to any shoe, and adjusted or removed at pleasure.

Figure 1 represents my invention attached to the toe of the shoe and showing the position of the hoof, Fig. 2 showing a side view of the shoe without the hoof and a sectional view of my invention.

B C, Fig. 1, is a side view of the shoe; D, the weight of lead or any other suitable material; A, the hoof. B C, Fig. 2, is also a side view of the shoe. At the toe of the shoe B is a standard, F, that screws into the shoe at G. This standard is bent like a letter **Z** at the points 1 and 2. E is a nut that fits the part of the standard S which has a screw-

thread cut on it. There is a groove in the inside of the weight that fits over the standard from 1 to 2, and the weight D is securely attached to the standard by the nut E. At G the standard has a screw-thread that screws into the shoe, as shown at Fig. 2.

It will be seen that by this device the standard can be set at any point on the shoe desired, it being only necessary to make a screw-hole in the shoe and screw the standard into it.

When the weight is removed, a block of wood can be substituted therefor, which will prevent the standard from catching in the straws of the bedding, or grass, or brush of the pasture.

The weight may be of any desired size, weight, or shape.

I claim—

The combination, with a horseshoe, of the toe-weight D, screwed to a standard by means of a nut, and an attaching-standard, adapted to be screwed to the shoe by means of a screw-thread, all substantially as shown, for the purposes set forth.

BENJAMIN F. PORTER.

Witnesses:

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