

C. Weitman,

Horseshoe.

No 64,604.

Patented May 7, 1867.

Fig. 1

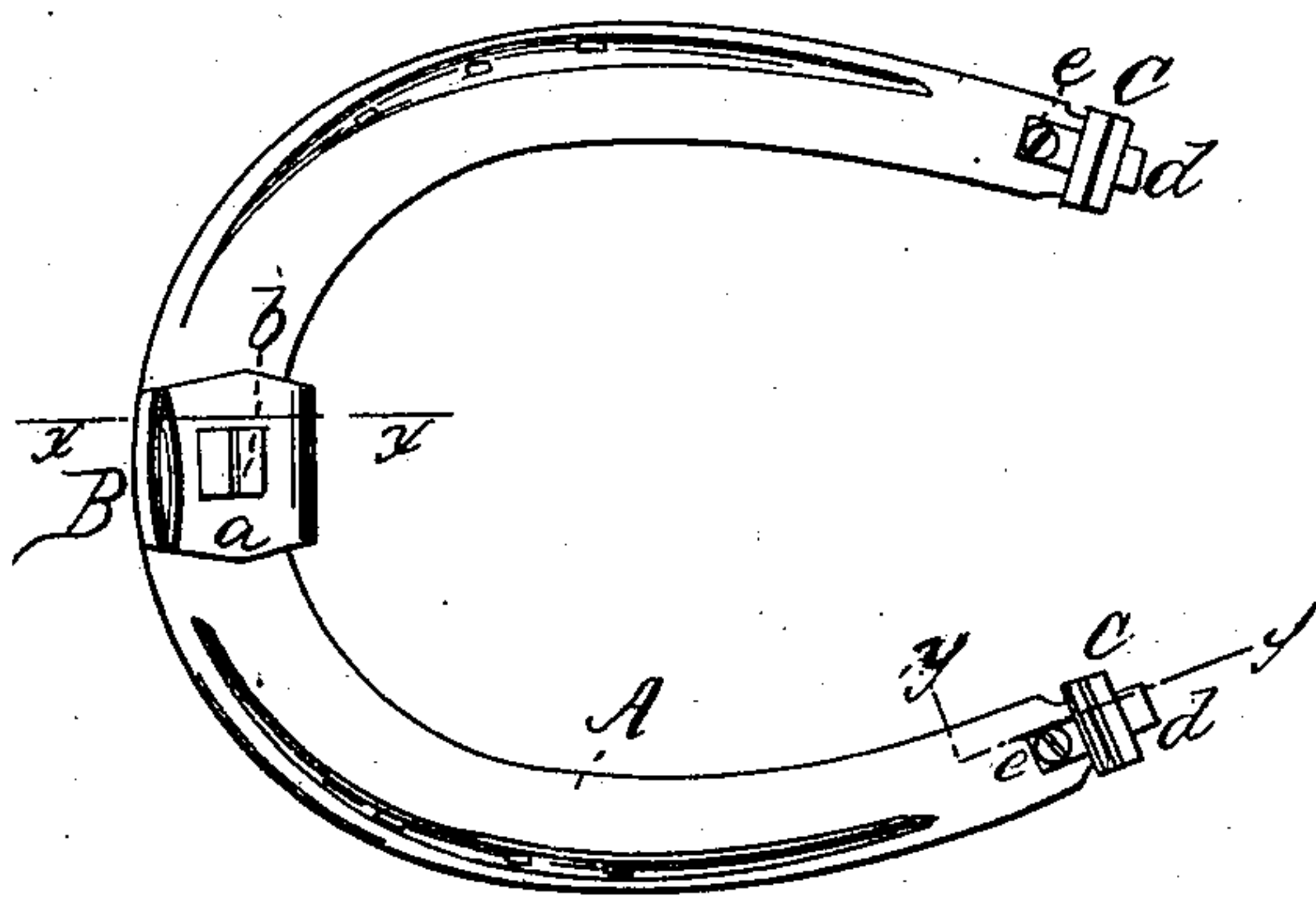
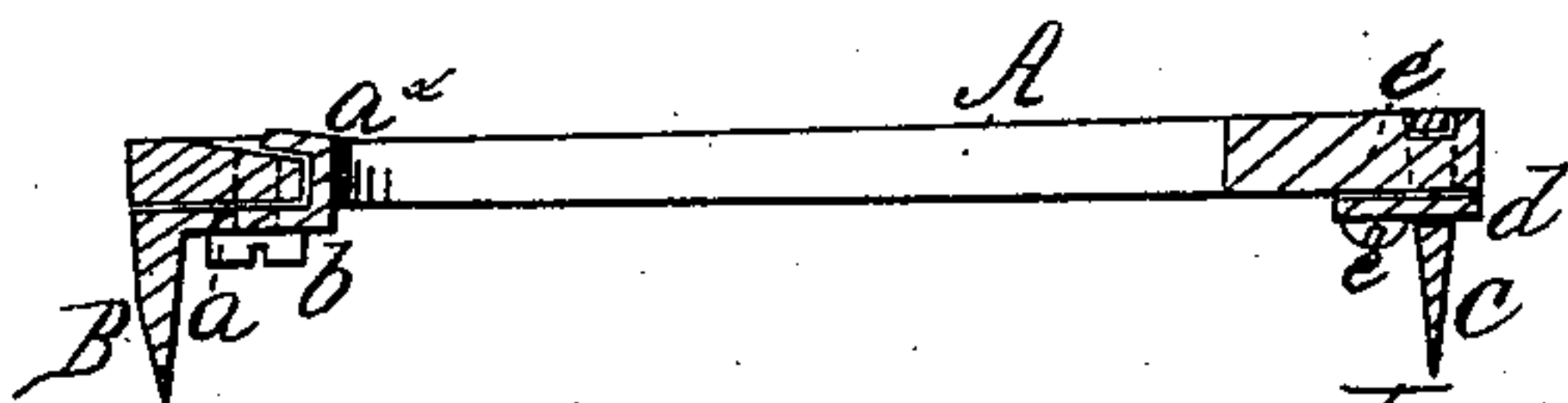


Fig. 2



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Witnesses:

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United States Patent Office

CHRISTIAN WEITMAN, OF HAZELTON, IOWA.

Letters Patent No. 64,604, dated May 7, 1867.

IMPROVED HORSE-SHOE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, CHRISTIAN WEITMAN, of Hazelton, in the county of Buchanan, and State of Iowa, have invented a new and improved Horse-Shoe; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an inverted plan or under view of my invention.

Figure 2, a side sectional view of the same, taken in the lines *x x*, *y y*, fig. 1.

Similar letters of reference indicate like parts.

This invention relates to a new and improved manner of securing calks to the shoe, whereby the former may be readily secured to and detached from the latter, and new calks therefore applied whenever required without detaching the shoe from the hoof.

A represents a horse-shoe, which may be constructed in the usual way, but without the ordinary calks. B is the front or toe calk constructed of steel properly tempered, and having its upper part formed of a horizontal plate, *a*, which abuts against the under side of the shoe, and has a hook, *a**, at its end, to pass around the inner edge of the front central part of the shoe and project a short distance over the upper surface thereof, as shown clearly in fig. 2. This calk is secured to the shoe by a screw, *b*, which passes vertically up through the plate *a* into the shoe. C C are the heel calks, the upper parts of which are formed with eyes to fit over the rear ends of the shoe, said ends having notches *c* made in their upper surfaces to admit of the upper ends of the eyes dropping into said notches, the eyes of said calks being of a size to receive the rear ends of the shoe. When the calks are thus fitted on the heels of the shoe the lower parts of the eyes will be below the under surface of the shoe, and keys *d d* are driven into or through said space, which secure the upper ends of the calks in the notches and firmly secure said calks to the shoe, the keys *d* being held in place by screws *e* which pass up through the inner ends of the keys into the shoe. By this simple means the calks are firmly secured to the shoe, and they may be readily detached therefrom and new ones applied whenever required without detaching the shoe from the hoof. During the winter season a horse may, without the least trouble, always be kept sharp-shod without the aid of a smith, as a quantity of calks may be kept on hand, and whenever the calks on a shoe become dull by wear the groom or owner of the horse may, with the greatest facility, detach the worn ones and apply the new.

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

The securing of the heel calks to a horse-shoe in the manner substantially as herein shown and described.

CHRISTIAN WEITMAN.

Witnesses:

JAMES M. WEART,
PETER YOUNG.