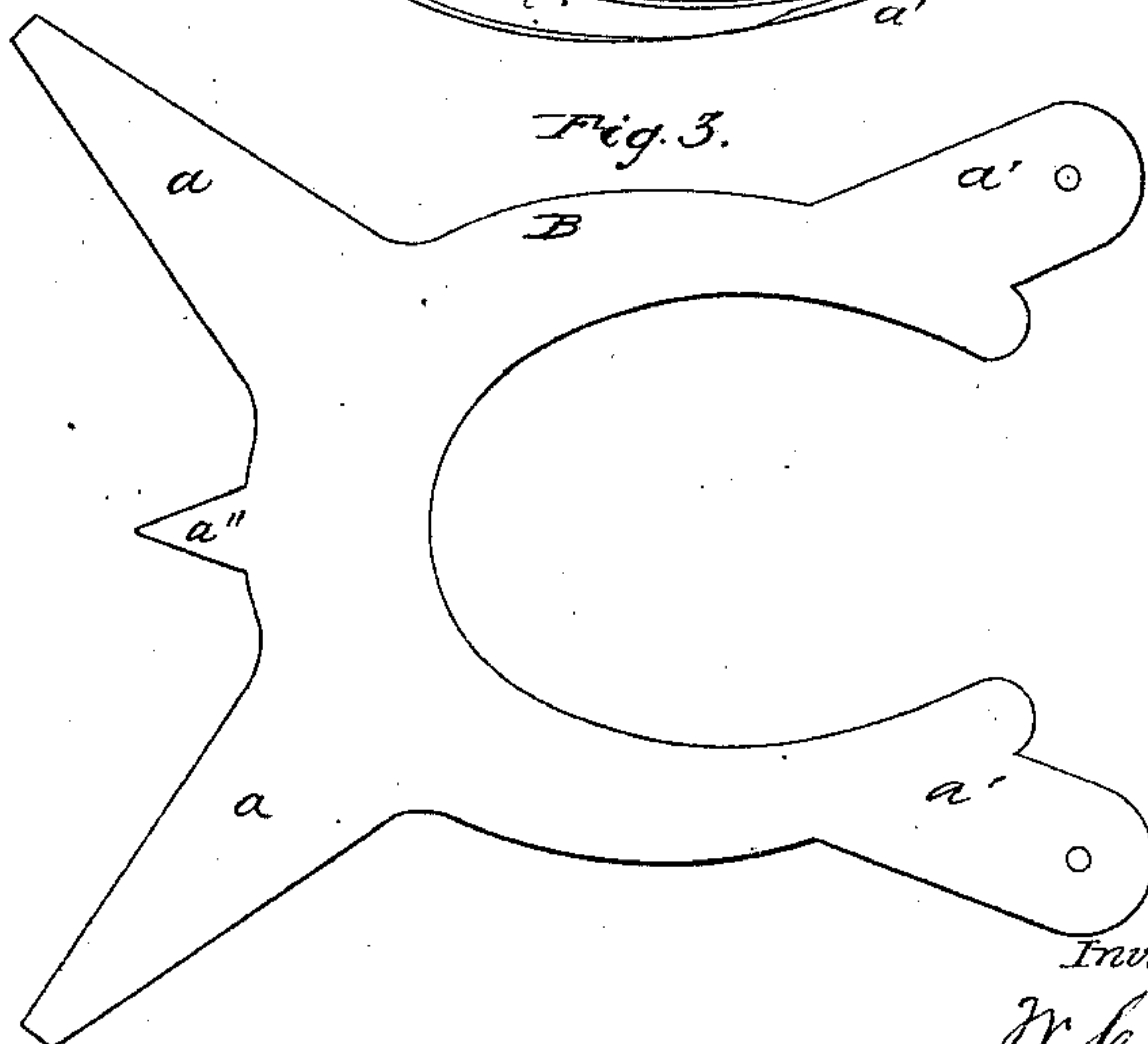
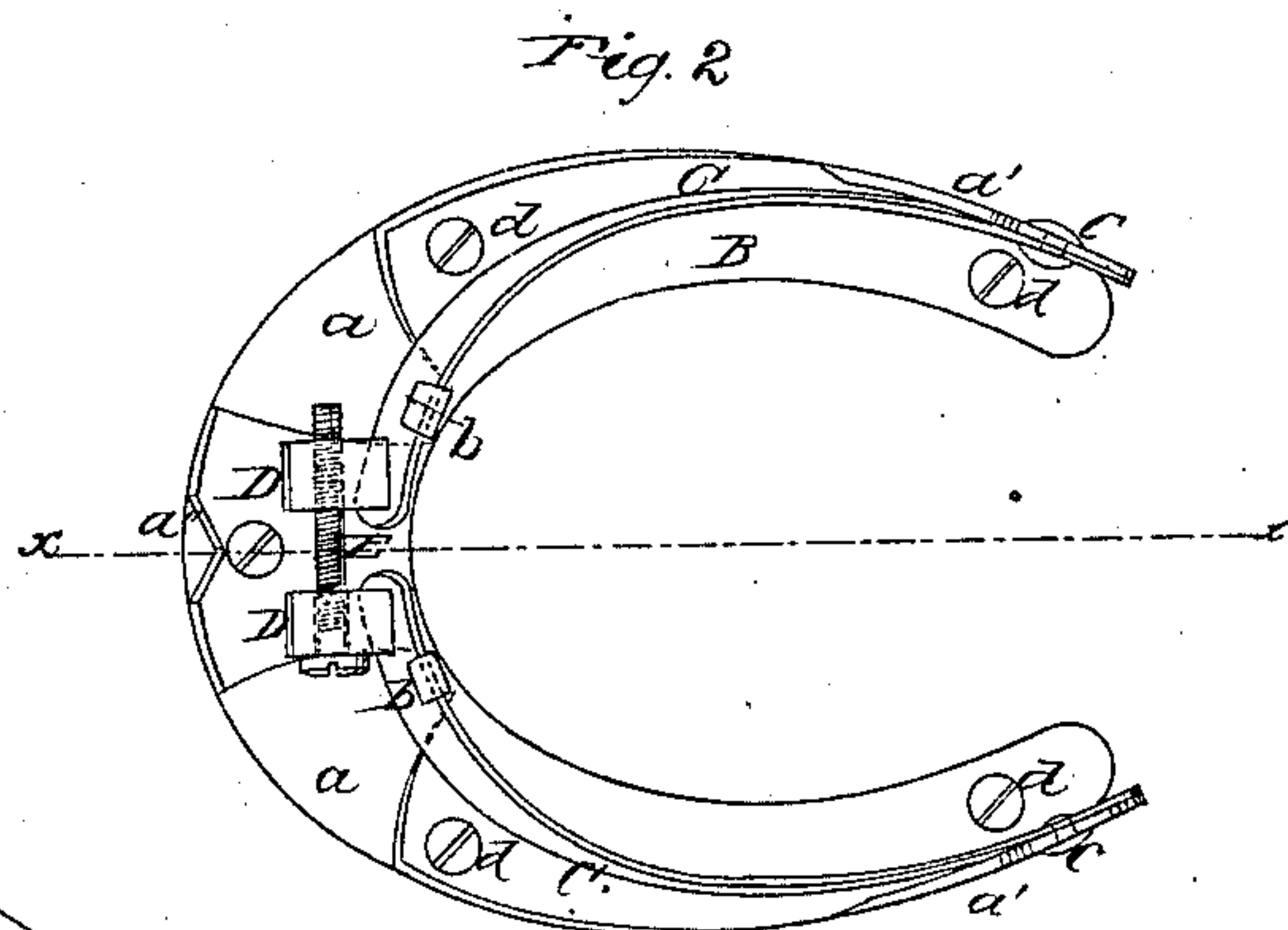
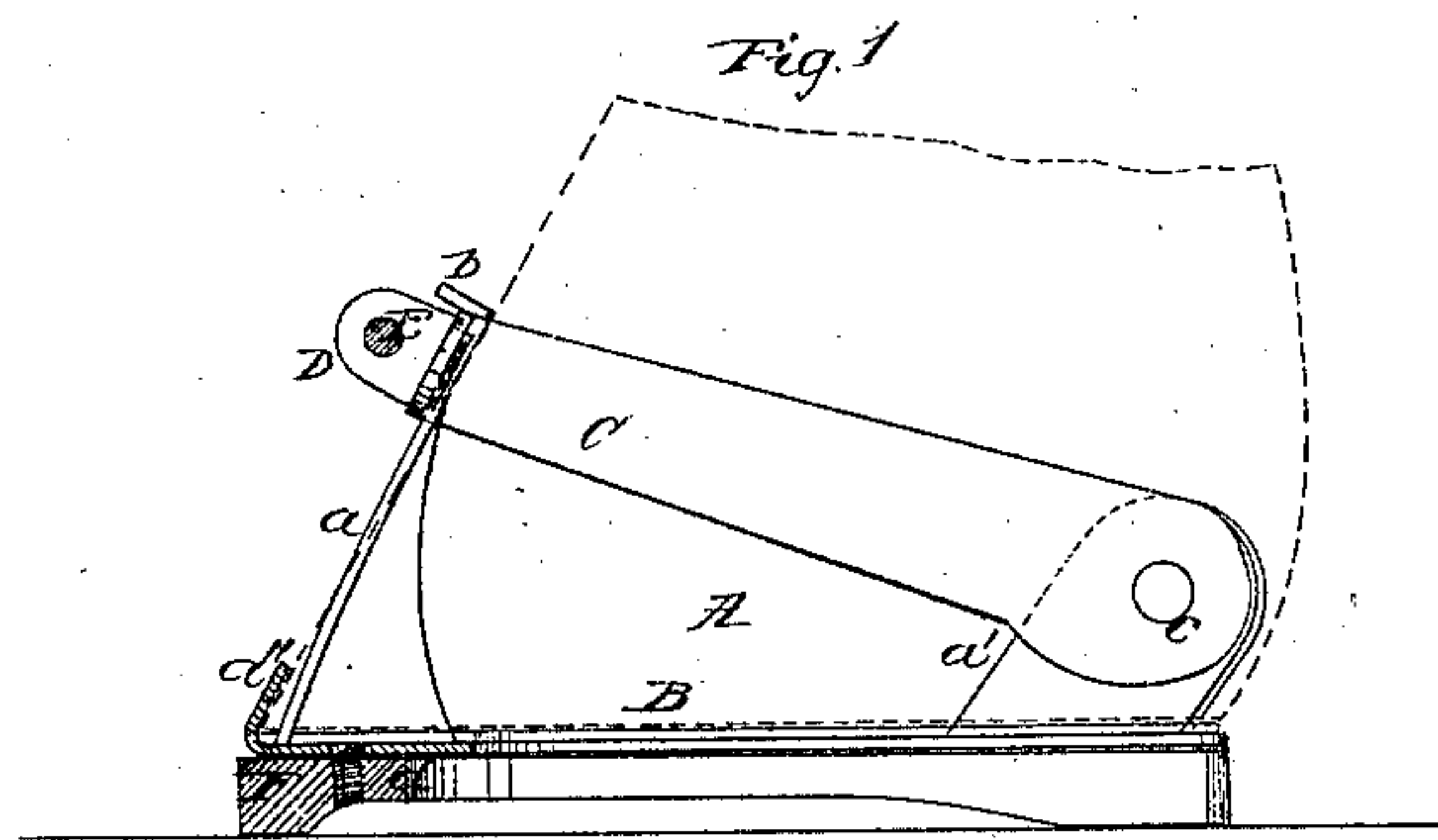


Stickney & Taylor,

Horseshoe.

N^o 44,754.

Patented Oct. 18, 1864.



Witnesses.

Henry Morris
John Reed

Inventor

W. C. Stickney
1413, Taylor
per Wm. H. C.
Attorneys

UNITED STATES PATENT OFFICE.

W. C. STICKNEY AND H. B. TAYLOR, OF PUTNAM, OHIO.

IMPROVEMENT IN SECURING SHOES TO HORSES' FEET.

Specification forming part of Letters Patent No. 44,754, dated October 18, 1861.

To all whom it may concern:

Be it known that we, W. C. STICKNEY and H. B. TAYLOR, both of Putnam, in the county of Muskingum and State of Ohio, have invented a new and useful Improvement in Attaching Shoes to the Feet or Hoofs of Horses; and we 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 apply the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a side sectional view of a horses' foot or hoof with a shoe applied to it according to my invention, the shoe being also in section. The line of section is indicated by *x x*, Fig. 2; Fig. 2, a detached plan or top view of my invention; Fig. 3, a detached plan or top view of a part pertaining to the same.

Similar letters of reference indicate like parts.

This invention relates to a new and improved mode of attaching shoes to horses' feet or hoofs, whereby the use of nails for such purpose is entirely avoided, and the shoe at the same time firmly secured to the foot and rendered capable of being readily adjusted to and detached therefrom without the aid of a smith or shoer.

A represents the foot or hoof of a horse, and B is a plate, the main portion of which is of the form of the bottom of the hoof. This plate is provided with flanges *a a a' a'*, the flanges *a a* being at the front part of the plate and the flanges *a' a'* at the back part thereof, near its ends. This plate, with its flanges, may be cut by means of a die out of a single piece of sheet metal, and the flanges *a a a' a'* are bent upward and at such an angle as to abut against the exterior or wall of the hoof and fit snugly thereto; or the plate and flanges may be of malleable cast-iron. A short flange, *a''*, is at the front of the plate B,

midway between the flanges *a a*. The upper ends of the front flanges, *a a*, are bent over and outward from the hoof at right angles, as shown at *b*, and to the rear flanges, *a' a'*, two sheet-metal straps, C C, are secured by rivets *c*, said straps extending forward to the front of the hoof and underneath the upper bent ends, *b*, of the flanges *a a*. Each strap C has a lug, D, attached to it by a rivet or screw, and through these lugs a screw, E, passes, by which the straps may be adjusted snugly to the hoof.

To the plate B the shoe F is secured by screws or rivets *d*, and between the plate B and the bottom of the hoof a piece of india-rubber, leather, or other elastic or yielding substance may be interposed, in order to protect the hoof from jars and concussions. This would be very advantageous in case of tender hoofs.

From the above description it will be seen that when the straps C C are adjusted snugly to the hoof the shoe F will be firmly attached thereto, and it will further be seen that the shoe may be readily secured to and detached from the hoof.

We would remark that the flanges *a a a' a'* may be made separate, and then attached directly to the shoe F without the plate B; but we consider the use of the latter preferable.

We claim as new and desire to secure by Letters Patent—

The employment or use of flanges *a a a' a'*, attached to the plate B or directly to the shoe F, in combination with the straps C C, and the screw E, when constructed and arranged substantially as and for the purpose herein set forth.

W. C. STICKNEY.
H. B. TAYLOR.

Witnesses:

JOHN MCBRIDE,
JACOB FOGLE.