

(No Model.)

J. SYKES.
Horseshoeing Bench.

No. 243,470.

Patented June 28, 1881.

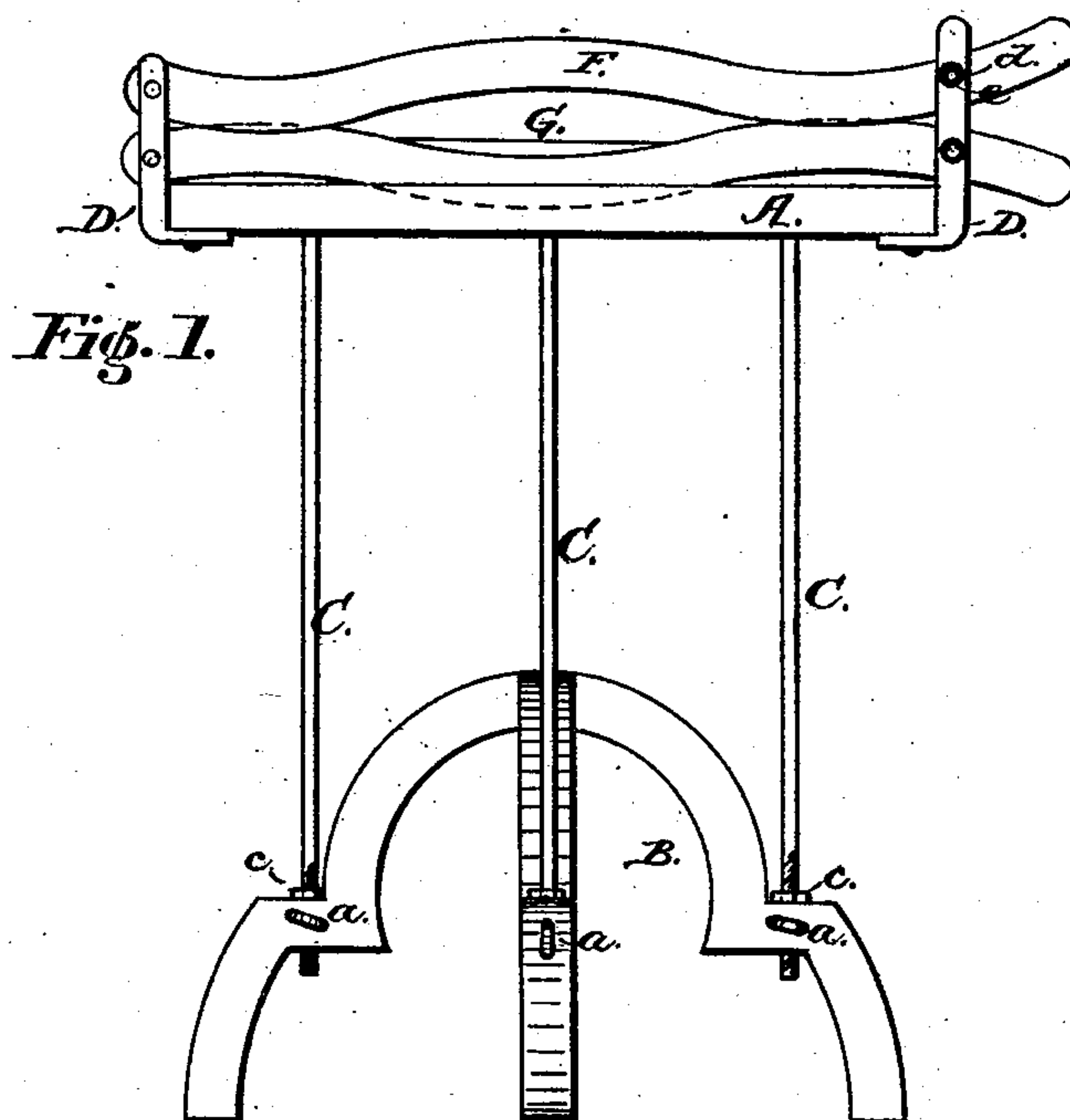
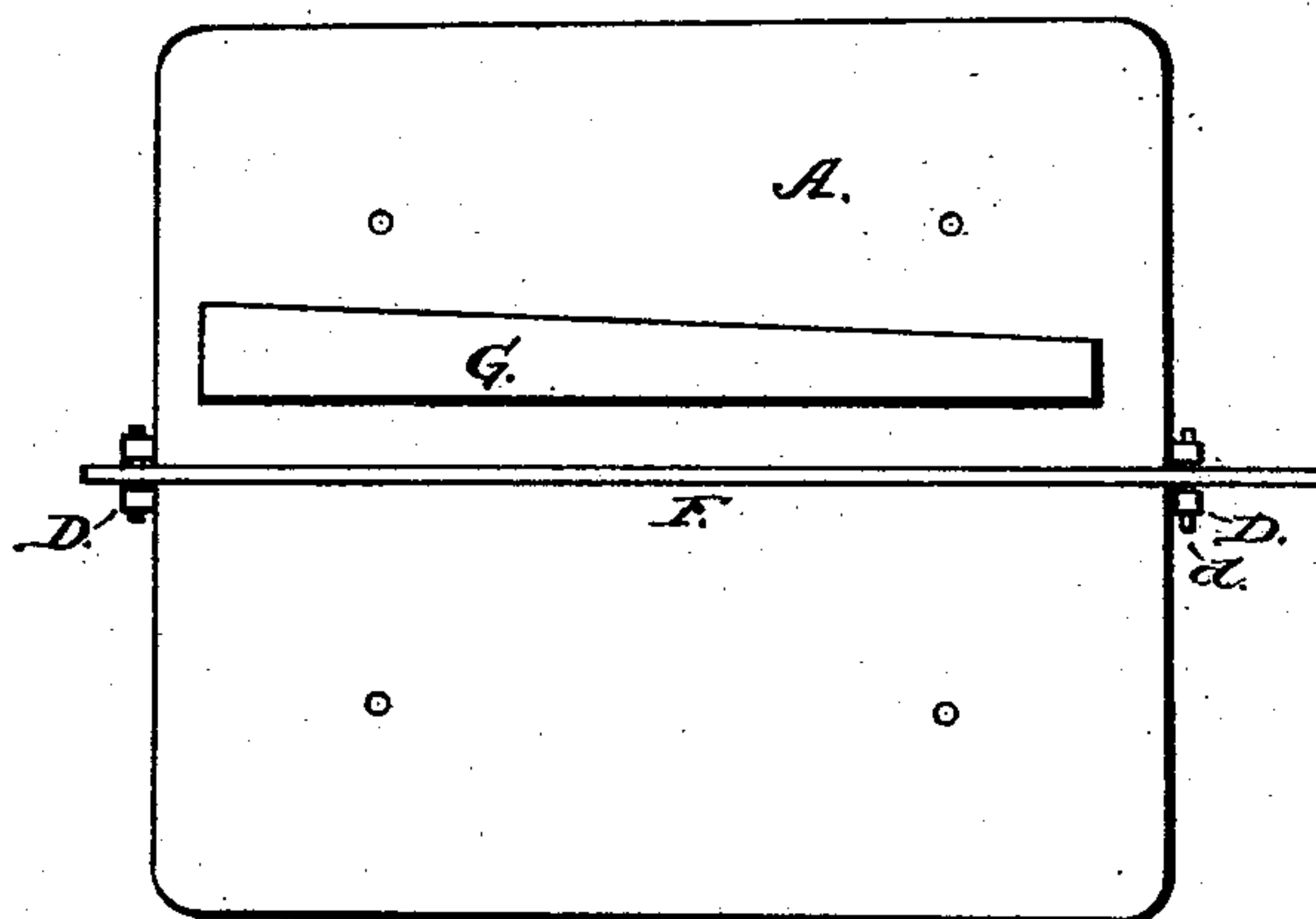


Fig. 1.

Fig. 2.



WITNESSES

P. Hall Sweet
Lloyd Keler

INVENTOR

By *James Sykes*
Parker & Sweet, Jr.
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JAMES SYKES, OF PLATO, MISSOURI, ASSIGNOR OF ONE-HALF TO EDWARD TRACY, OF SAME PLACE.

HORSESHOEING-BENCH.

SPECIFICATION forming part of Letters Patent No. 243,470, dated June 28, 1881.

Application filed May 2, 1881. (No model.)

To all whom it may concern:

Be it known that I, JAMES SYKES, a citizen of the United States, residing at Plato, in the county of Texas and State of Missouri, have
5 invented certain new and useful Improvements in Horseshoeing-Benches; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable
10 others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters or figures of reference marked thereon, which form a part of this specification.

My invention has for its object to provide an
15 improved bench for horseshoeing purposes, whereby the horse's foot is confined in a clamp or stock upon the top of said bench during the operation of applying the shoe; and the invention consists, essentially, of an adjustable
20 bench provided with means for raising or lowering the upper surface or table thereof, to adapt it to meet the required height for different-sized horses, said table being also provided with a metallic clamp or stock for holding the
25 horse's foot during the operation of shoeing, and with a metallic bar or anvil for clinching the nails of the shoe, all as will be hereinafter more fully described, and pointed out in the claim.

30 In the drawings, Figure 1 represents a front elevation of my invention, and Fig. 2 a top-plan view of the same.

Similar letters of reference indicate like parts in both figures.

35 Referring to the drawings, A represents the table or upper surface of the bench, which is connected to the base or lower portion, B, by means of the upright rods C, as shown in Fig. 1, said rods being preferably four in number,
40 and connected firmly at their upper ends to the table A, while the lower ends pass loosely through openings in the cross-bars forming the base B, where they are adapted to be held at different heights by means of the clamping-
45 screws *a* in the arms of said base. In place, however, of the clamping-screws *a*, the rods C may be raised or lowered by means of nuts *c*, arranged upon the lower ends of the said rods over the cross-arms, and resting upon the
50 same, the rods in this case being provided with screw-threads to receive said nuts, as fully shown in Fig. 1.

Upon each side of the table A is provided a slotted upright, D, in which is firmly secured a lower bar, E, having a semicircular cavity in
55 the center, as shown, and also with an upper pivoted bar, F, which rests upon the top of the lower bar, and which is also provided with a semicircular central part arranged in juxtaposition with the similar cavity in the lower bar,
60 so as to form a circular opening between the two bars when the device is closed, the upper pivoted bar, F, being so arranged that it can be folded down upon the lower bar to form a clamp or stock, and is secured in place by the
65 pin *d*, which fits loosely in the holes *e* in the slotted standard D and in the opening in the end of said bar, as shown in the drawings.

To the rear of the clamp thus formed is provided a transverse bar, G, of steel, against
70 which the nails driven into the hoof are adapted to be clinched.

In the operation of my invention it will be observed that the table is first adjusted to the desired height and the foot of the horse placed
75 between the two bars in the circular opening and held therein by locking the upper bar in place. The shoe can now be applied in the usual manner and with the greatest facility; the employment of my improved device ena-
80 bling the blacksmith to work more rapidly and thoroughly and handle his tools more readily than can be done in the ordinary manner, where the foot of the horse has to be held during the operation of shoeing.

85 Having thus described my invention, what I claim as new and useful is—

The herein-described bench for shoeing horses, consisting of the table A and base B, which are connected by the rods C, which are
90 adapted to be set at different heights by the set-screws *a*, said table being provided with the clamping-bars E F, and with the steel bar G, substantially as and for the purpose specified.

95 In testimony whereof I affix my signature in presence of two witnesses.

JAMES SYKES.

Witnesses:

C. C. DRAPER,
D. W. WALKER.