

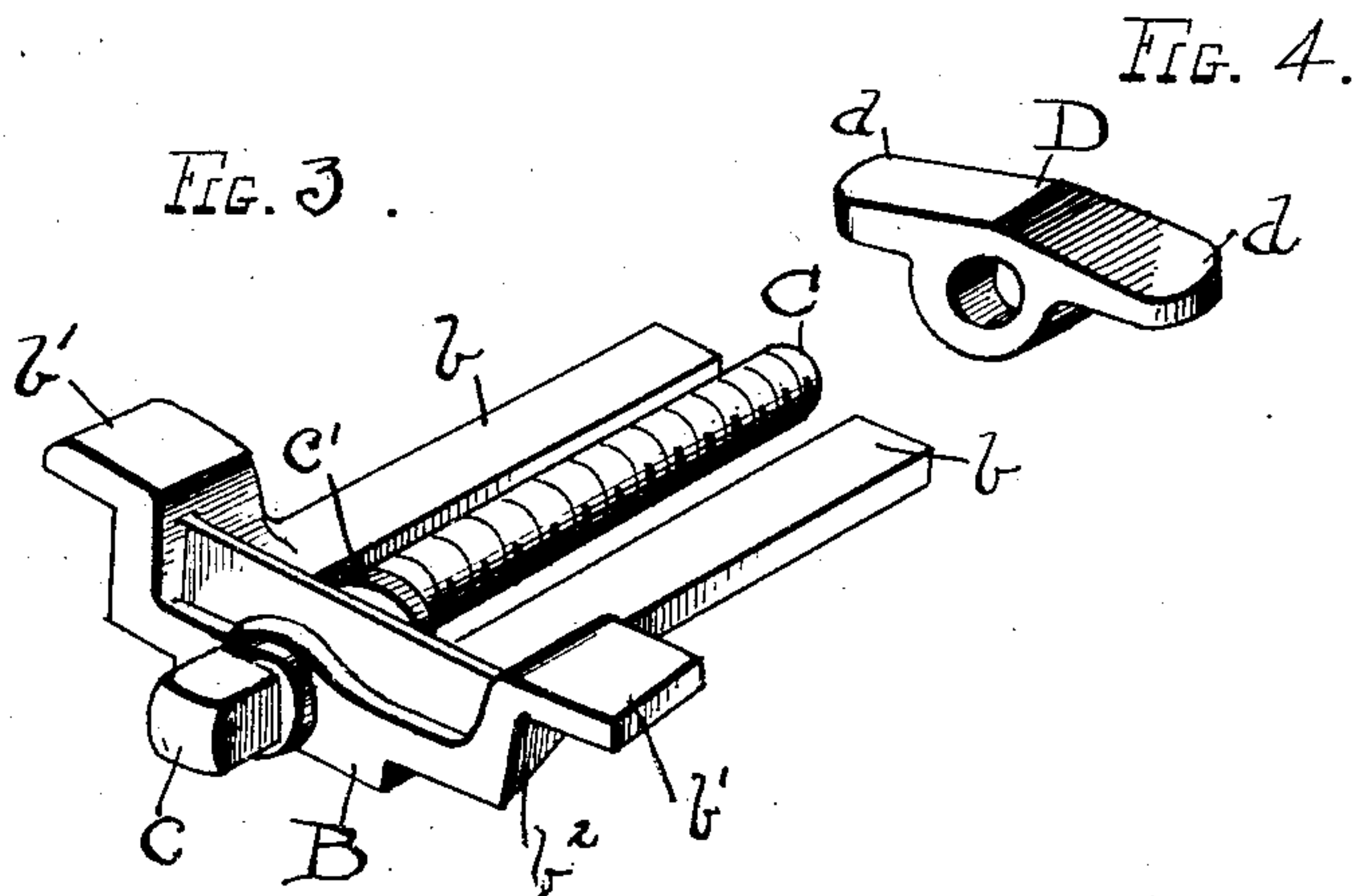
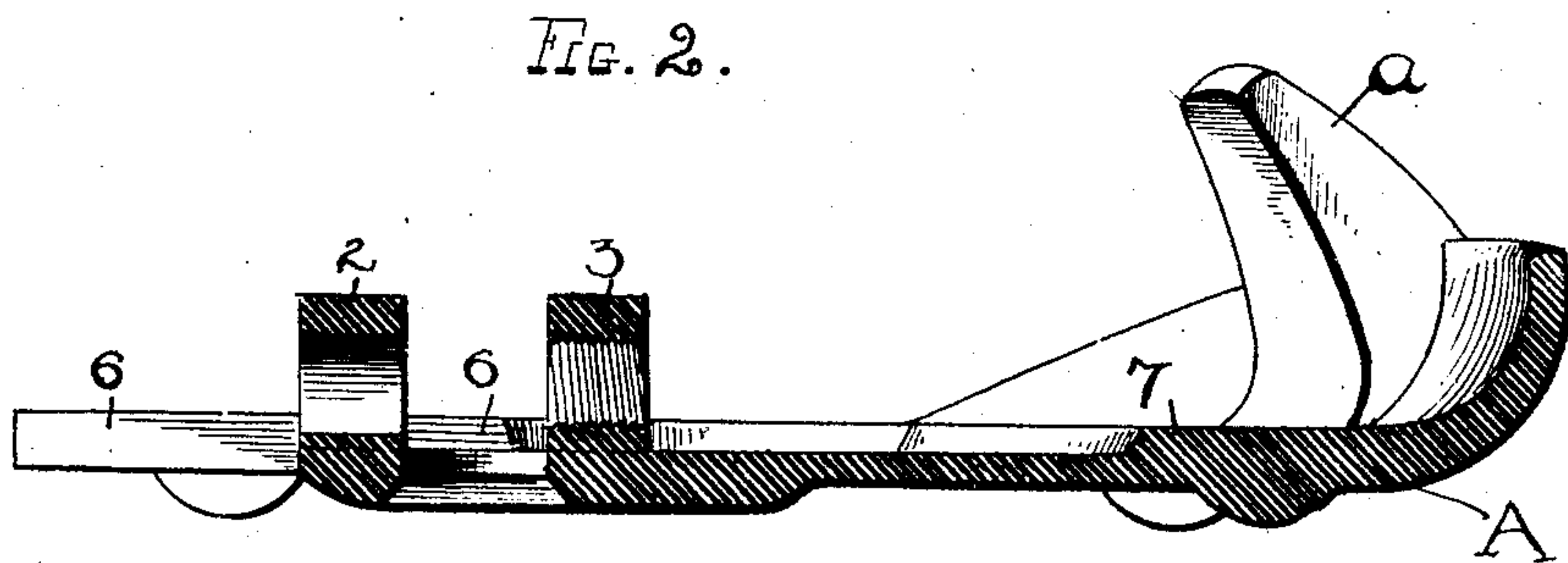
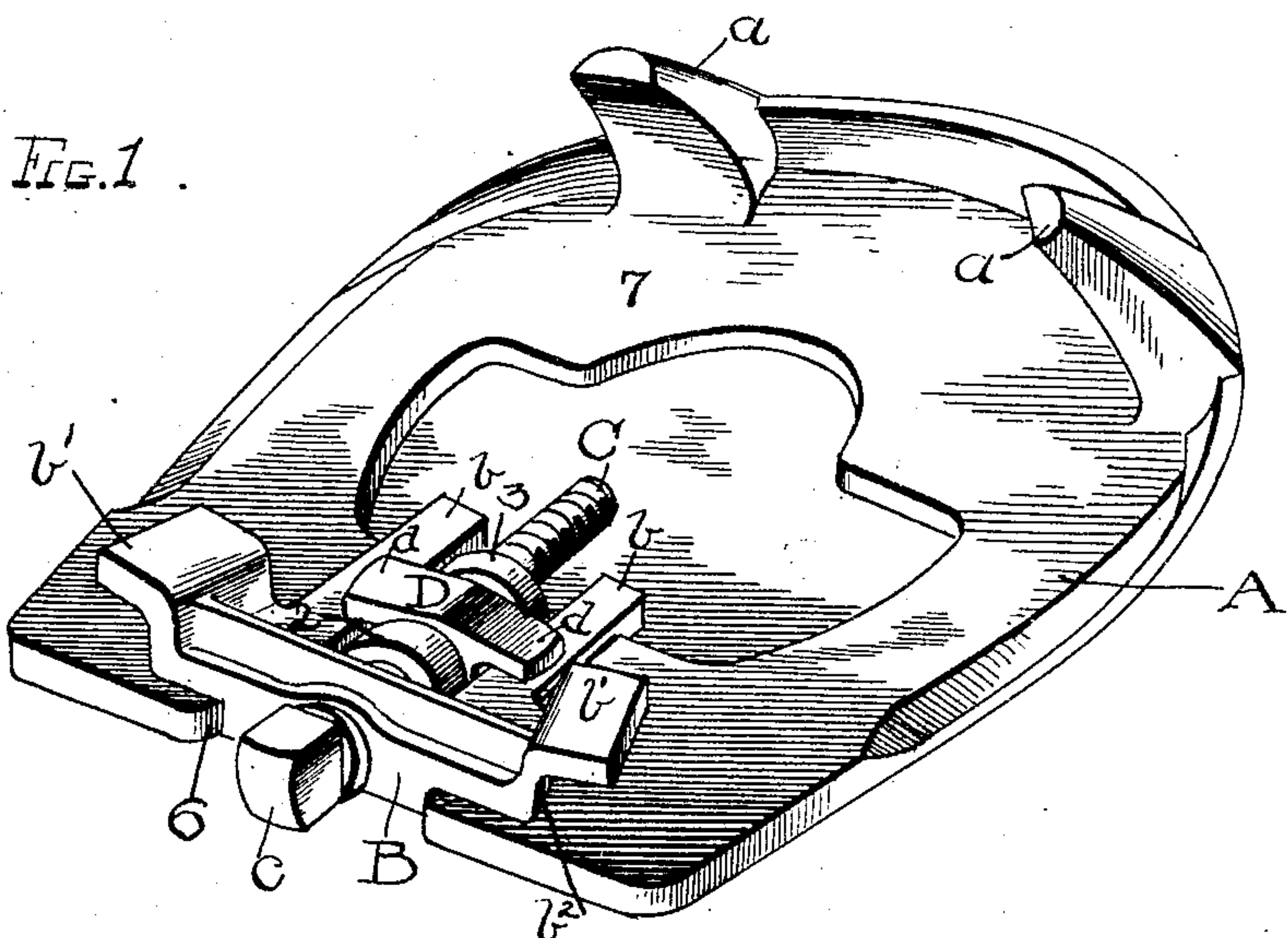
No. 785,977.

PATENTED MAR. 28, 1905.

G. W. PHILLIPS & W. H. WAY.

HORSE BOOT.

APPLICATION FILED JUNE 16, 1904.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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HORSE-BOOT.

SPECIFICATION forming part of Letters Patent No. 785,977, dated March 28, 1905.

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To all whom it may concern:

Be it known that we, GEORGE W. PHILLIPS, a citizen of the United States, and WILLIAM H. WAY, a subject of the King of Great Britain, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Horse-Boots; and we do declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

Our invention relates to horse boots or pads; and the invention consists in the construction of a boot substantially as shown and described, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of the boot or pad furnished complete as it appears on the horse's foot, and Fig. 2 is a longitudinal sectional elevation of the pad itself and with the detachable portions taken away. Fig. 3 is a perspective view of the bracket and screw by which the pad or boot is fastened at its rear to the horse's foot or shoe, and Fig. 4 is a perspective view of the device for holding the front portion of the bracket down on the pad.

In the construction as thus shown, A represents the boot or pad, which is preferably cast of an aluminium alloy in order to make it both light and serviceable and at the same time firm and strong upon the foot of the horse. At its front and sides the said pad is provided with two rearwardly and inwardly inclined spurs or projections *a*, which engage up over the hoof of the horse and serve as the only means at the front to fasten the pad upon the hoof.

B represents a bracket having parallel forward projections *b*, which are designed to extend more or less in beneath the foot of the horse and is provided with raised lateral extensions or projections *b'* at its rear and sides adapted to rest over upon the rear ends of the horseshoe, which project back beyond the foot a sufficient distance to engage beneath these projections, and the said projections *b'* are raised sufficiently above the base of the bracket and the top of the pad on which the shoe rests to come snugly upon the said ends

of the shoe. (Not shown.) The shoulders *b''* of the said bracket at the base of projections *b'* incline inwardly from the rear to conform to the usual shape of the shoe at this point. Centrally at its rear the bracket is provided with a hole horizontally for the passage of the screw C, which has a head *c* at the rear of the bracket adapted to be engaged by a wrench or the like to rotate the same, and a collar *c'* on the screw on the inside of the cross portion of the bracket and permanently fixed upon the said screw serves to confine the screw in or upon the bracket, but leaves it free to rotate therein without traveling in either direction, thus providing a swivel engagement for the screw in the pad.

The pad A is further provided with two perforated studs 2 and 3, centrally at its rear and spaced apart, as shown, and the stud 2 is shown as unthreaded, while stud 3 is threaded to receive the screw C, by which the bracket is carried forward or rearward, as may be required in placing the pad upon the foot or in removing the same, and the construction of the parts is such that the pad is fastened upon the foot when the bracket is carried inward by the rotation of screw C. Either or both of the studs 2 and 3 may be threaded, and the said studs are relied upon, with screw C, to hold the bracket down to its proper working relation on the pad. Intermediate of the said studs or uprights 2 and 3 there is provided a holding device D for the parallel side projections of the bracket, having a perforation centrally for the screw C to pass through freely and provided with lateral arms *d* to engage over and upon the said side projections *b*. Thus by means of this device engaged by screw C between studs 2 and 3 a strong and sure engagement over the sides of the bracket is provided, and the said bracket is confined to a back-and-forth movement, but is not otherwise loose on the pad, and the pad and bracket are separably bound together.

The bottom of pad A at its rear and center has parallel side walls 6, between which and the side edges of studs 2 and 3 the straight-sided projections *b* of the bracket are adapted to rest and slide and which practically form

guides for the bracket, and the table portion 7 of the pad rises high enough not to make the studs and other parts objectionable. This brings the base of the studs into a depressed 5 portion of the pad.

What we claim is—

1. A horse foot-pad provided with projections top and front to confine the hoof of the foot at the front and a pair of perforated 10 studs centrally on the rear portion of the pad, in combination with a bracket and a screw engaged through said bracket centrally and said perforated studs, said bracket constructed with raised end projections to engage over 15 the ends of a horseshoe, substantially as described.

2. In foot-pads for horses, a pad having spurs at its front and top to engage upon the hoof of the horse, and a set of studs centrally 20 at its rear and spaced apart, in combination with a bracket on the rear of the pad, and a screw loosely engaged through said bracket and threaded through one of said studs, and a device between said studs on said screw having its ends lapping over upon the sides of 25 the bracket, substantially as described.

3. In foot-pads for horses, a pad having a pair of studs at its center and rear provided with holes horizontally, in combination with 30 a bracket having parallel sides extending past said studs and raised lateral projections at its rear to engage over the ends of the horse's shoe, a screw through said bracket and studs, and a device on said screw between

said studs overlapping the parallel sides of 35 the bracket, substantially as described.

4. In foot-pads for horses, a pad having inclined spurs at its front to engage over the hoof of the foot and a set of studs centrally at its rear and a depression with parallel side 40 walls at the sides of said spurs, in combination with a bracket having side extensions resting between said side walls and studs and a screw through said bracket and studs, and means between said studs on said screw to 45 hold the said extensions down on the pad, said bracket having raised side projections to engage over the ends of the horse's shoe, substantially as described.

5. A horse foot-pad provided with means 50 at its front to engage upon the front of the foot of the horse and means at its rear to confine the pad on the foot, said means comprising a pair of separate studs centrally on the pad at its rear, a bracket resting on the pad 55 transversely at its rear and provided with raised extremities and inclined shoulders at the base of said extremities, and a screw through said bracket and located in said pair of studs, substantially as described. 60

In testimony whereof we sign this specification in the presence of two witnesses.

GEORGE W. PHILLIPS.
WILLIAM H. WAY.

Witnesses:

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