

(No Model.)

A. R. MURPHY.

BLACKSMITH'S DEVICE FOR FINISHING HORSESHOES.

No. 408,504.

Patented Aug. 6, 1889.

Fig. 1.

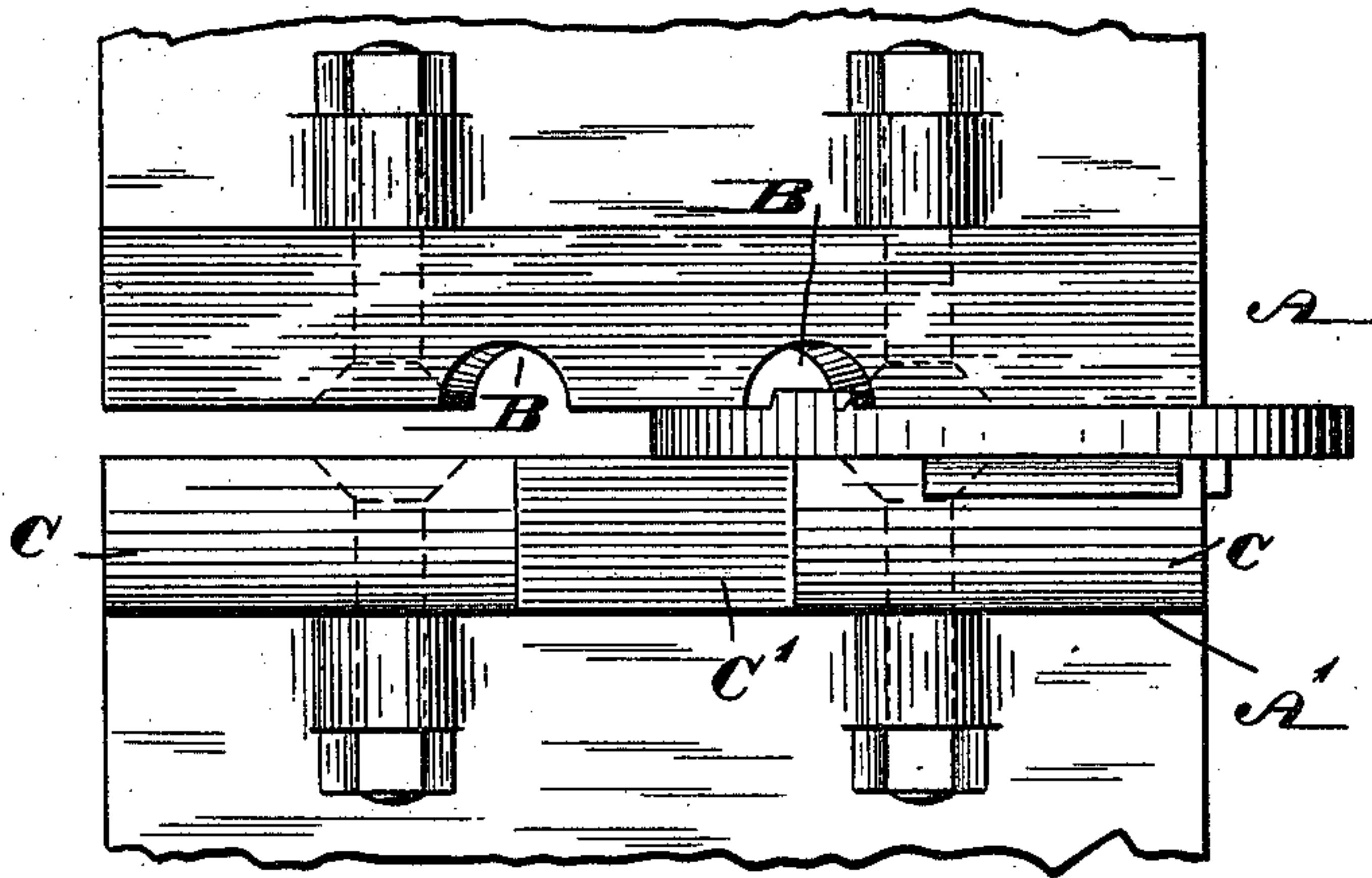


Fig. 2.

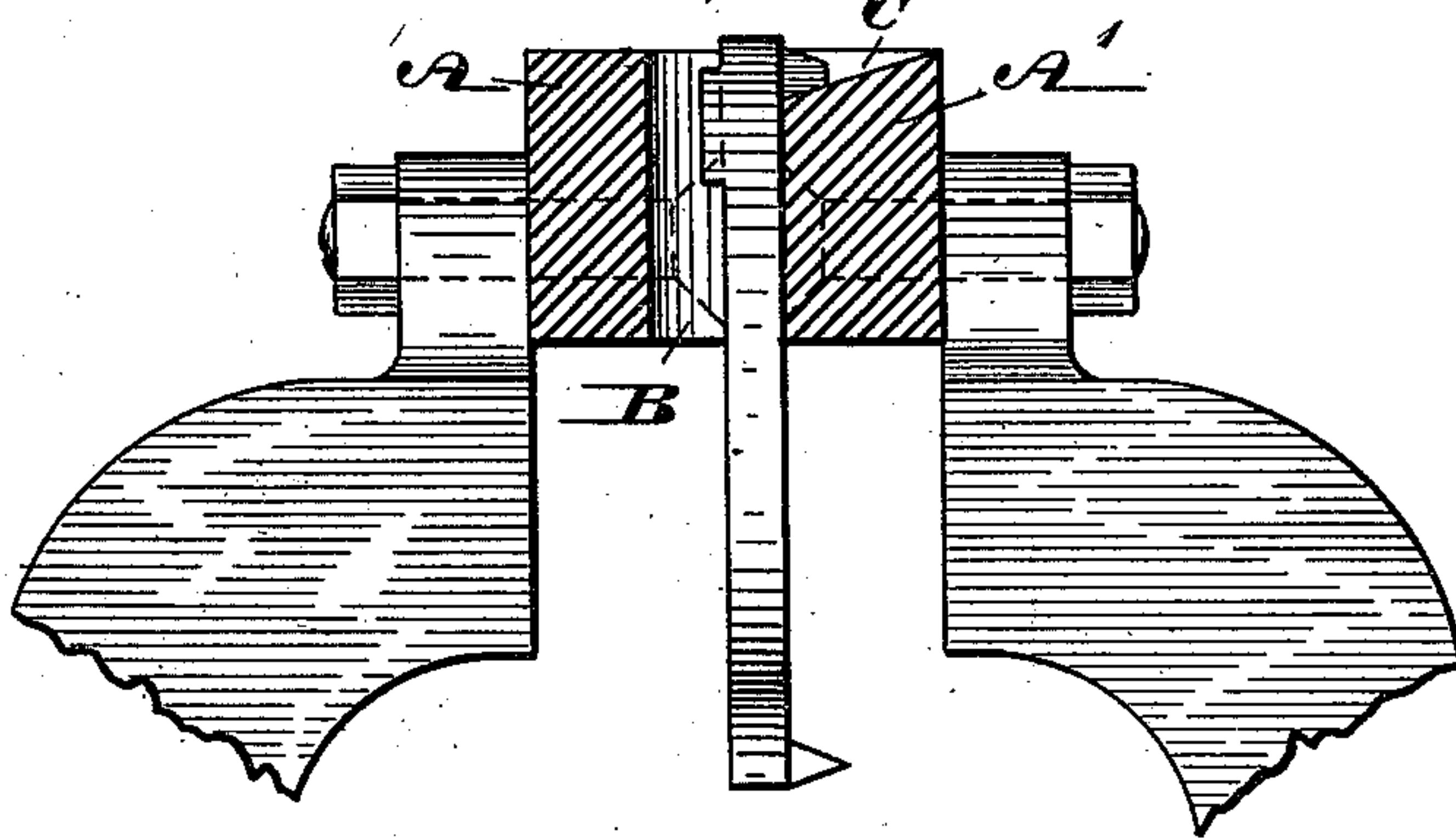
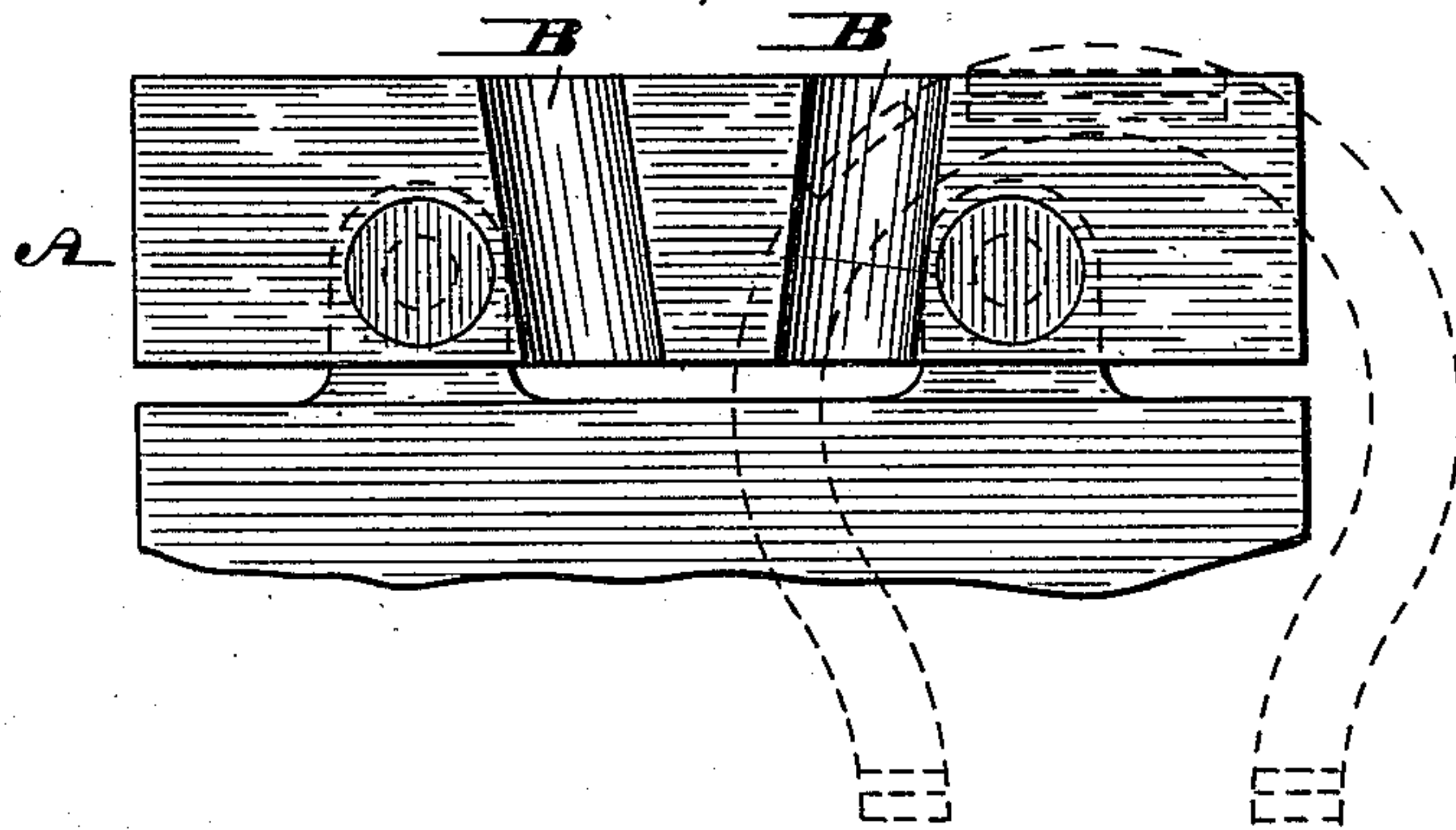


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

ALBERT R. MURPHY, OF PHILADELPHIA, PENNSYLVANIA.

BLACKSMITH'S DEVICE FOR FINISHING HORSESHOES.

SPECIFICATION forming part of Letters Patent No. 408,504, dated August 6, 1889.

Application filed January 25, 1889. Serial No. 297,517. (No model.)

To all whom it may concern:

Be it known that I, ALBERT R. MURPHY, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Blacksmiths' Anvils, which improvement is fully set forth in the following specification and accompanying drawings.

My invention relates to improvements in blacksmiths' anvils, and has especial reference to dies to be employed in finishing horse-shoes. At present the shoes are made rough and the clips formed thereon. They are then placed between the jaws of a vise to be finished, and when the jaws are brought together they break or crush the clips on the shoe.

The object, therefore, of my invention is to avoid the serious and expensive defect and provide means by which the clips on the shoes will not be crushed, bent, or injured, and which will permit of the shoe being finished in a perfect manner.

To attain the desired object, the invention consists in a device consisting of two portions, one of which has depressions, grooves, or channels on its face to receive the clips on the shoe; further, in dies comprising two portions, one of which has depressions, grooves, or channels on its face, and the other having its upper edge cut out on an incline at each end and the center plain or horizontal; and, finally, the invention consists in the novel construction, combination, and arrangement of parts, all as hereinafter described and claimed.

Figure 1 represents a top plan view of a blacksmith's device embodying my invention. Fig. 2 represents a vertical section, the shoe being between the two members of the device to illustrate the manner of using the same. Fig. 3 represents a view of the inner face of one portion of the die.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, A and A' designate the portions or members of the device,

formed of hard metal and of suitable size. The portion A has its inner face provided with the depressions, grooves, or passages B, adapted to receive the clips on the shoe. The portion or member A' has its upper edge inclined or sloping on each end at C, and has the smooth flat portion C' between the sloping or inclined ends.

In use the portions or members of my improved device are preferably secured to the jaws of a vise, such as used by blacksmiths, and when they are brought together the shoe is firmly held between them with the clips in the depressions, grooves, or passages in one of the members, and the inclined edge on the other member is to facilitate the sharpening of the toe and heels or in finishing the shoe.

It is evident that I provide a device of very simple and cheap construction, by means of which the clips on the shoes are prevented from damage, and by which the finishing of the shoe is rendered easy and more perfect.

In practice the inclinations or sloping on the ends of the die A' vary in angle for different kinds of work.

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

1. A device for the purpose named, consisting of two members, one having on its inner face depressions adapted to receive the clip of the shoes, and the other member having its upper edge sloping on the ends with an intermediate flat portion, substantially as described.

2. A device for the purpose named, consisting of two clamping members, one of which has its upper face sloping at the sides with an intermediate flat portion, substantially as described.

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Witnesses:

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