

No. 786,784.

PATENTED APR. 4, 1905.

H. N. BERRY.
PLOW POINT.

APPLICATION FILED OCT. 8, 1904.

Fig. 1.

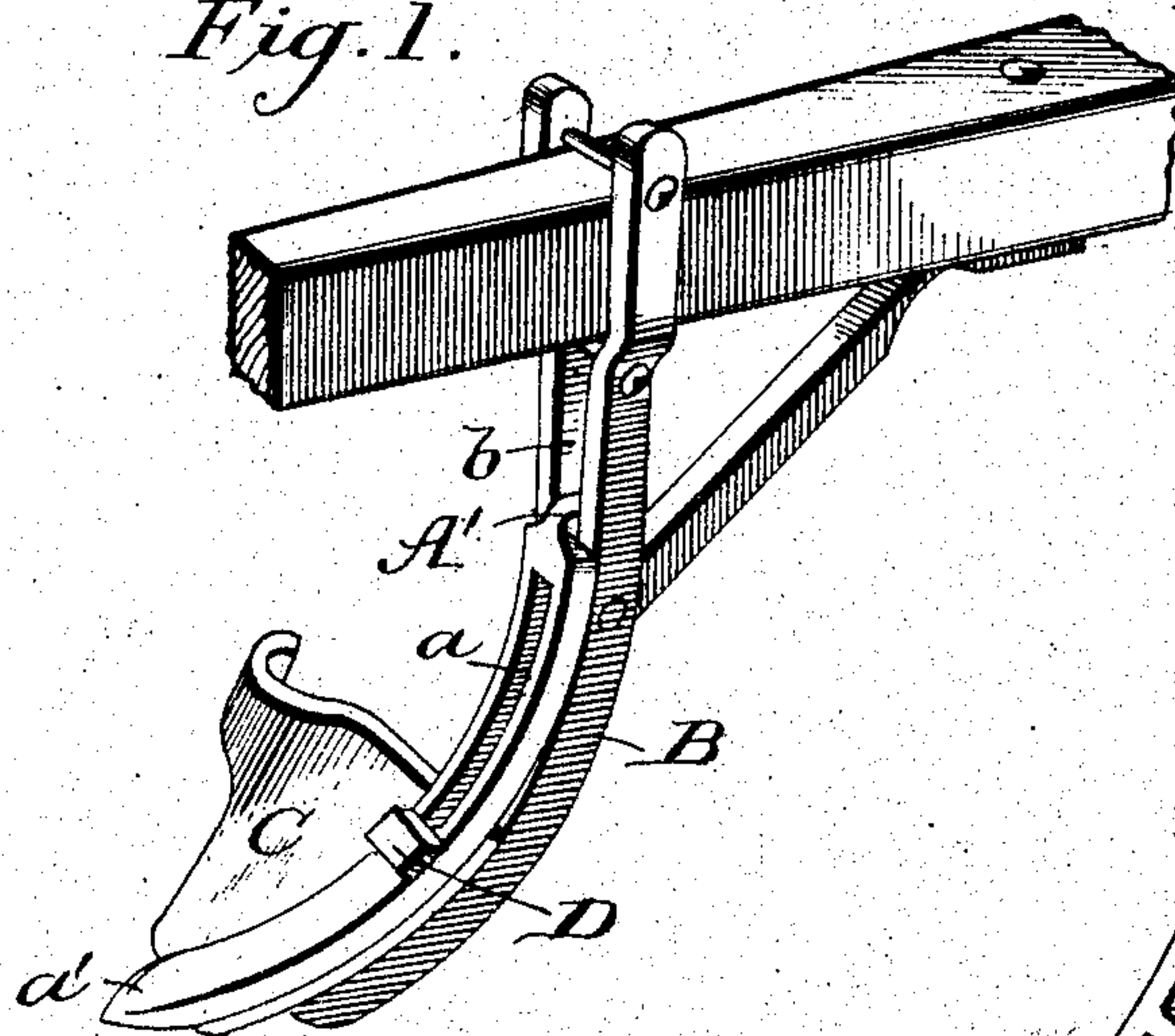


Fig. 4.

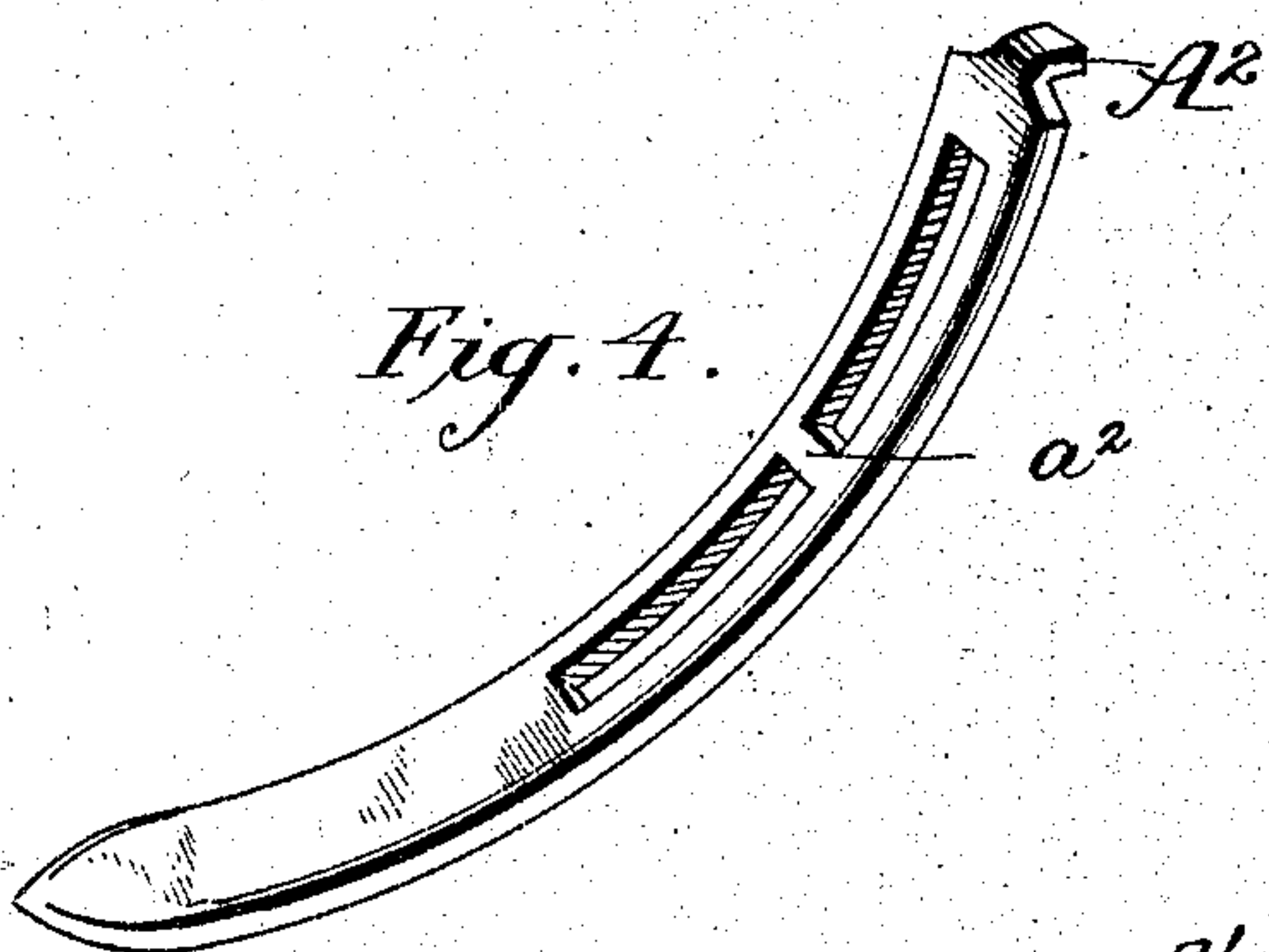


Fig. 3.

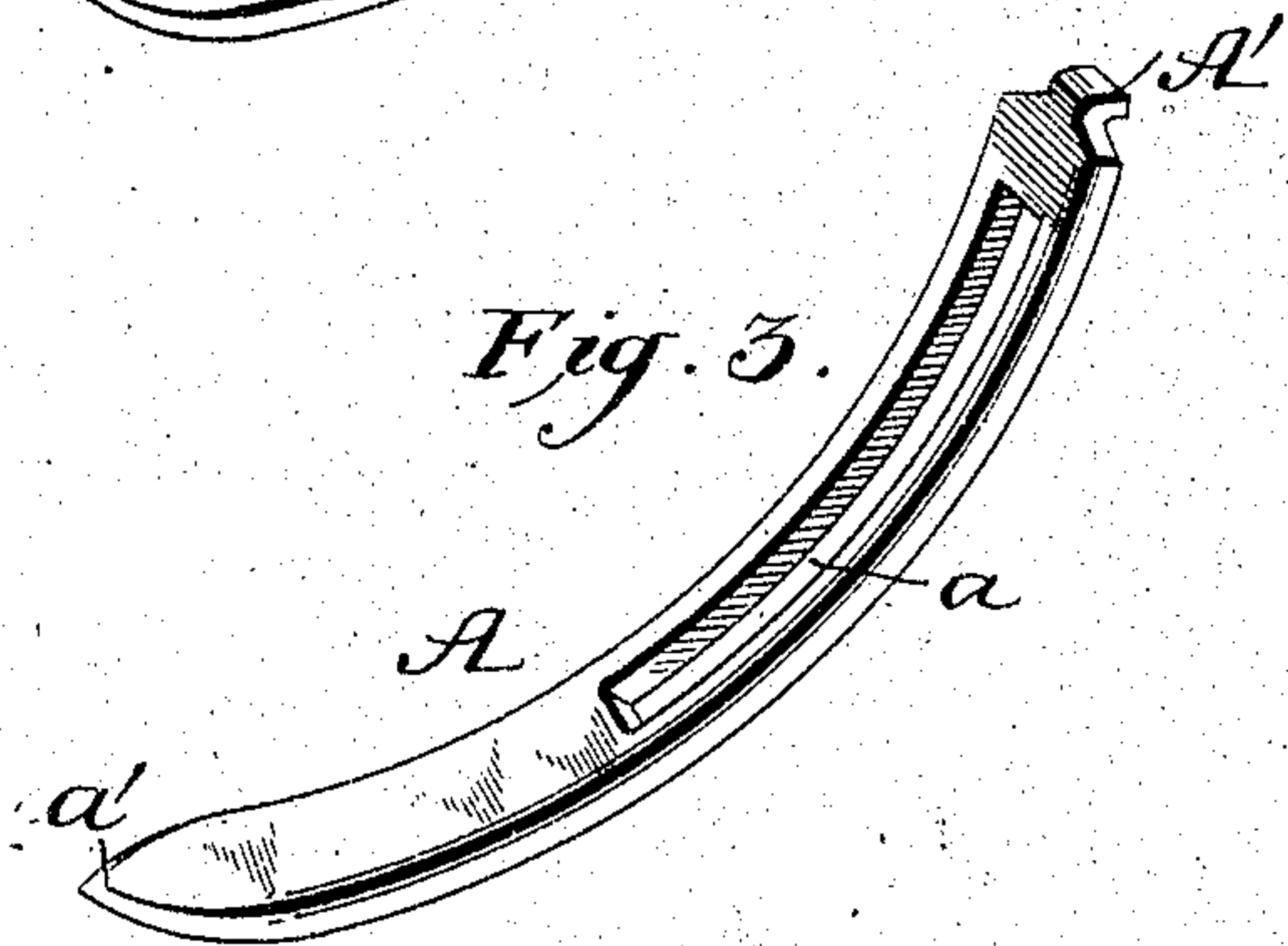


Fig. 2.

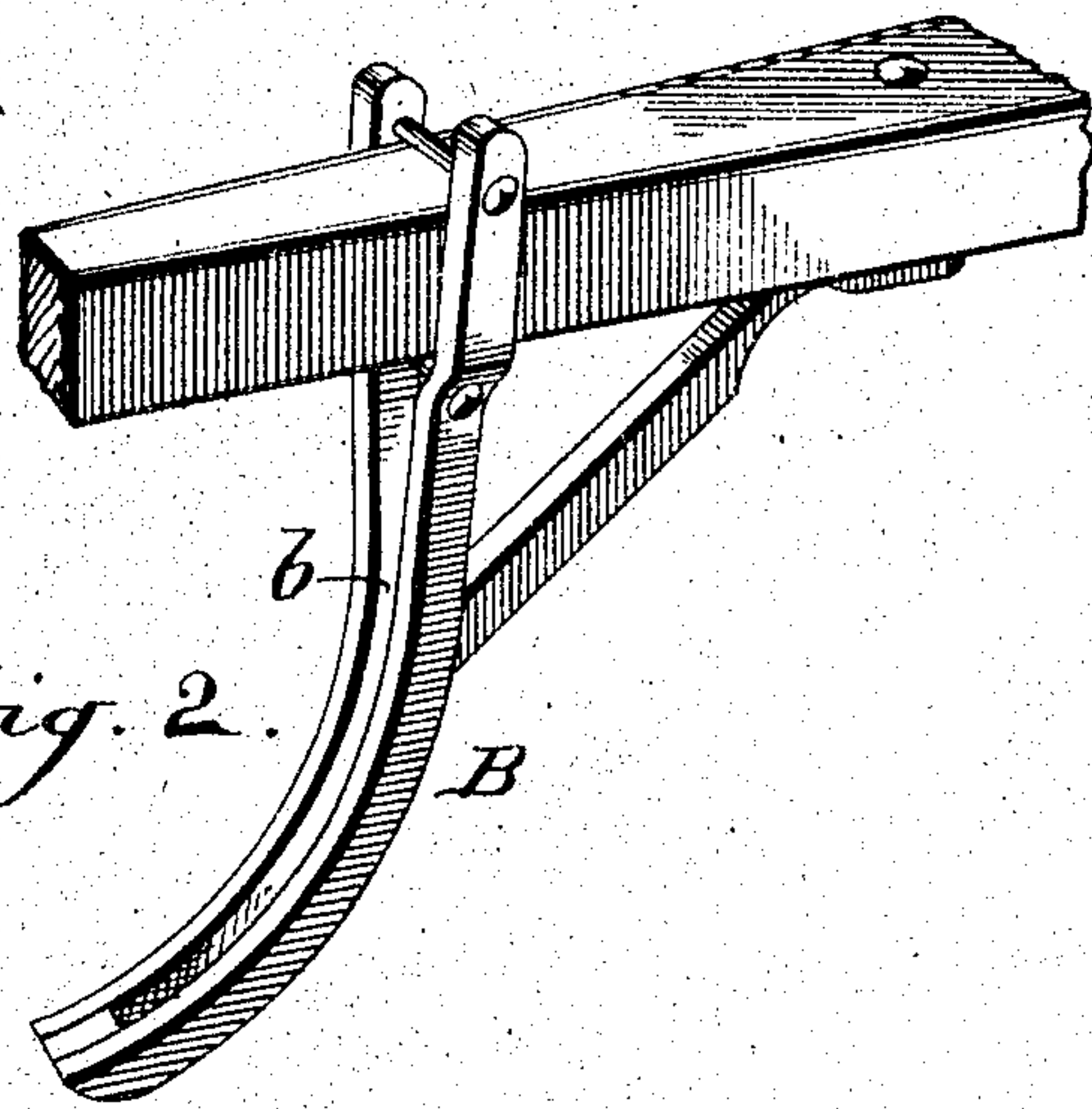
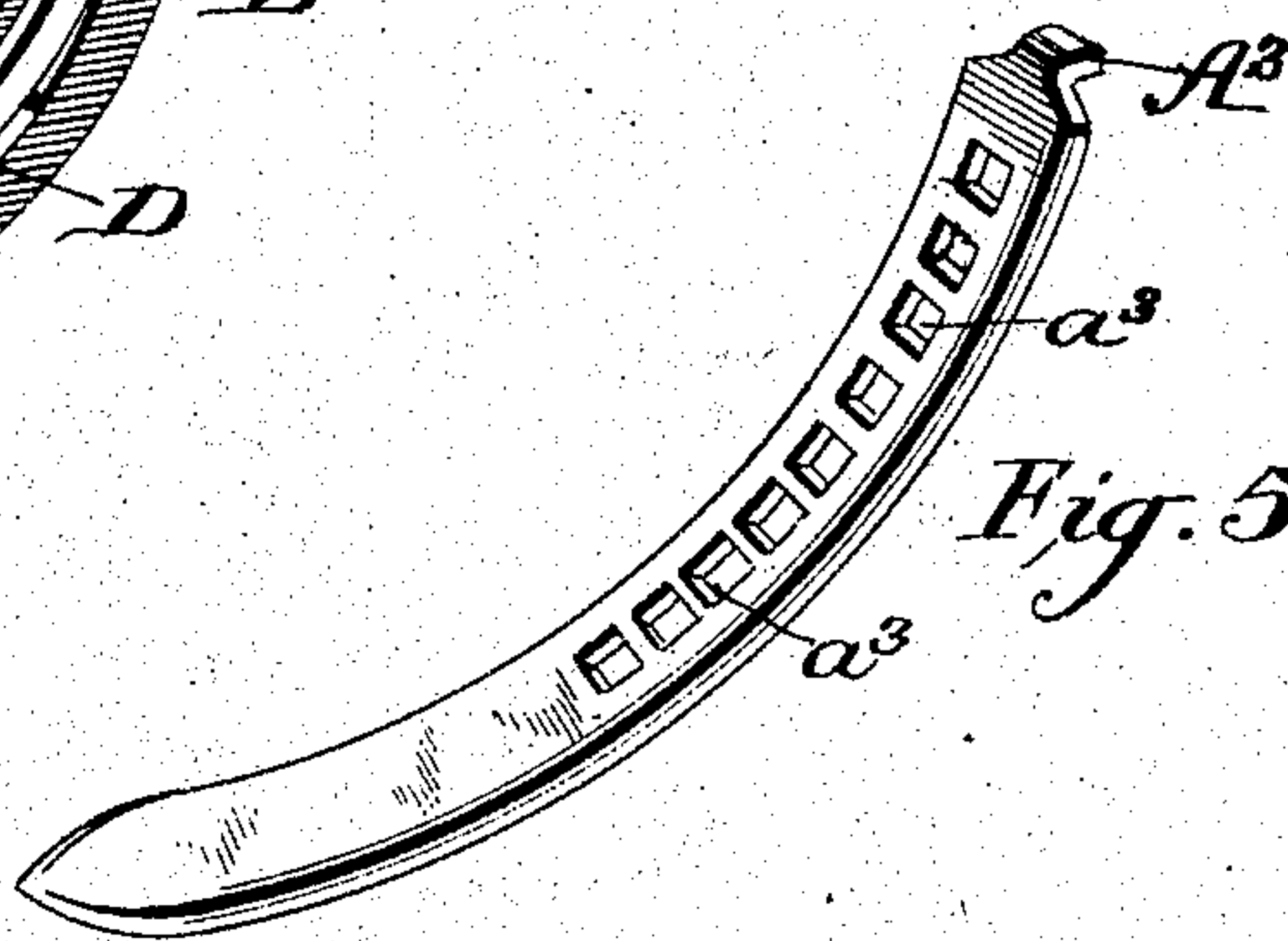


Fig. 5.



WITNESSES:

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UNITED STATES PATENT OFFICE.

HIRAM N. BERRY, OF MERIDIAN, MISSISSIPPI.

PLOW-POINT.

SPECIFICATION forming part of Letters Patent No. 786,784, dated April 4, 1905.

Application filed October 8, 1904. Serial No. 227,658.

To all whom it may concern:

Be it known that I, HIRAM N. BERRY, a citizen of the United States, residing at Meridian, in the county of Lauderdale and State of Mississippi, have made certain new and useful Improvements in Plow-Points, of which the following is a specification.

My invention is an improvement in points for plows, and especially for use on plow-stocks, such as shown, having longitudinal slots or openings extending from front to rear; and the invention consists in certain novel constructions and combinations of parts, as will be hereinafter described and claimed.

In the drawings, Figure 1 is a perspective view of a plow provided with my improved point. Fig. 2 is a detail perspective view of the plow-stock. Fig. 3 is a detail perspective view of the point-blade shown in Fig. 1; and Figs. 4 and 5 are perspective views of somewhat different forms of point-blades, as will be described.

In carrying out my invention I provide a point-blade A, adapted for application to the stock B and over the turning-plow or shovel C. The blade A is provided with an opening a in the form of a slot elongated in the direction of length of the blade and through which projects the heel-bolt D, the said bolt extending through the slot b in the stock B and securing the point-blade A in place, so the blade may be adjusted longitudinally to set its point a' up or down, as may be desired. It will be noticed the point-blade is curved to conform to the curvature of the shovel C and the stock B and is also provided at its upper end with a rearwardly-turned tongue or projection A' , which projects into the slot b of the stock B and operating between the side bars of the stock holds the point-blade from turning on a heel-bolt D. I thus secure the point-blade by the heel-bolt and hold said blade from turning by the tongue or projection A' , said projection operating within the slot b and not interfering in any way with the longitudinal adjustment of the point-blade when the heel-bolt is slackened and in the use of the plow prevents the point-blade from turning to either side when striking an obstruction.

The point may be used with a single or double moldboard, share, or shovel and may be used as a point for any sort of plow that may be on hand, being especially useful on shovels the points of which have been broken or worn away, although the point-blade, as shown, may be employed on shovels that have good points, as it will help the shovel to enter the hard earth and will assist the plowman in holding his plow steadily and accurately when a difficult furrow is being formed, being especially useful in "bursting middles."

As shown in Fig. 3, the opening a is in the form of an unbroken slot, while in Fig. 4 the slot is divided by a partition a^2 , and in Fig. 5 the openings for the heel-bolt are in the form of a series of perforations, the point-blades shown in Figs. 4 and 5 being provided, respectively, with tongues A^2 and A^3 , corresponding to the tongue or projection A' of the point-blade shown in Fig. 3.

It will be noticed that by my invention I provide a thin long point which may be applied over worn-out plows or sweeps and is made adjustable along its securing-bolt and is also provided at its upper end with a rearwardly-extending tongue or projection operating in the slot of a plow-stock and preventing any turning movement of the point-blade on its securing-bolt.

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

1. A plow-point consisting of a blade curved from end to end to conform to a plow-stock, pointed at its lower end and provided at its upper end with a rearwardly-extending tongue or projection and having between its ends an opening or openings for the passage of a securing-bolt, substantially as set forth.

2. A point-blade for plows flattened in cross-section, curved longitudinally from end to end to conform to a plow-stock, provided between its ends with an opening or openings elongated in the direction of length of the blade, pointed at its lower end and provided at its upper end midway between its edges with a rearwardly-turned lug forming a tongue to enter a slot in the plow-stock substantially as set forth.

3. The combination of the stock having a longitudinal slot, the shovel, the heel-bolt securing said shovel, and the point-blade flattened in cross-section, curved from end to end
5 to conform to the plow-stock and fitting flatwise over the shovel and against the front side of the plow-stock and provided at its upper end midway between its side edges with a rearwardly-turned lug forming a tongue to
10 enter the slot in the plow-stock and provided

between its ends with an opening or openings elongated in the direction of length of the point-blade and adapted to receive the heel-bolt substantially as and for the purpose set forth.

HIRAM N. BERRY.

Witnesses:

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W. C. MOSS.