

No. 671,105.

Patented Apr. 2, 1901.

J. M. COSLER.
SMOOTHING IRON.

(Application filed Sept. 27, 1900.)

(No Model.)

Fig 1

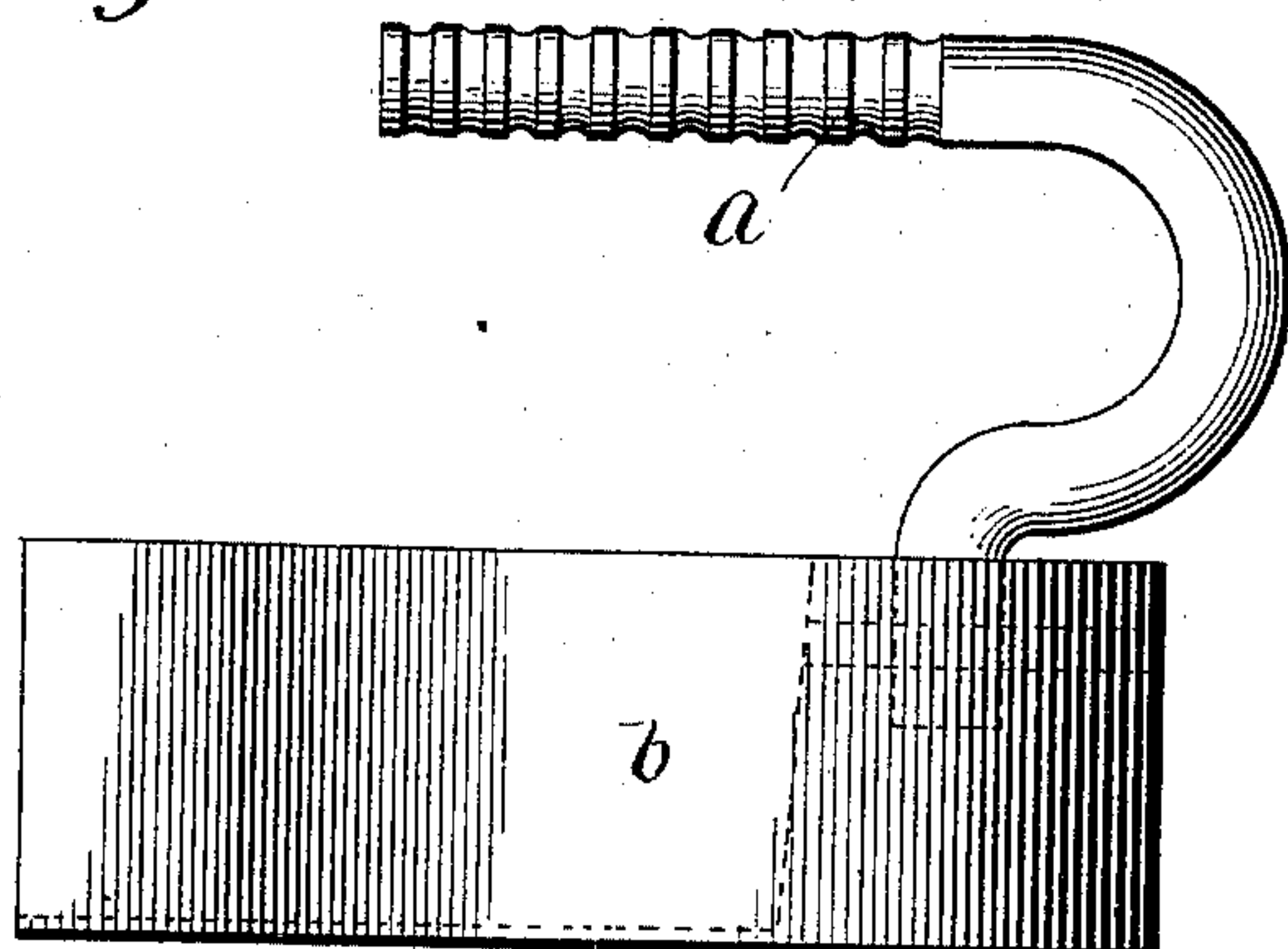


Fig 2

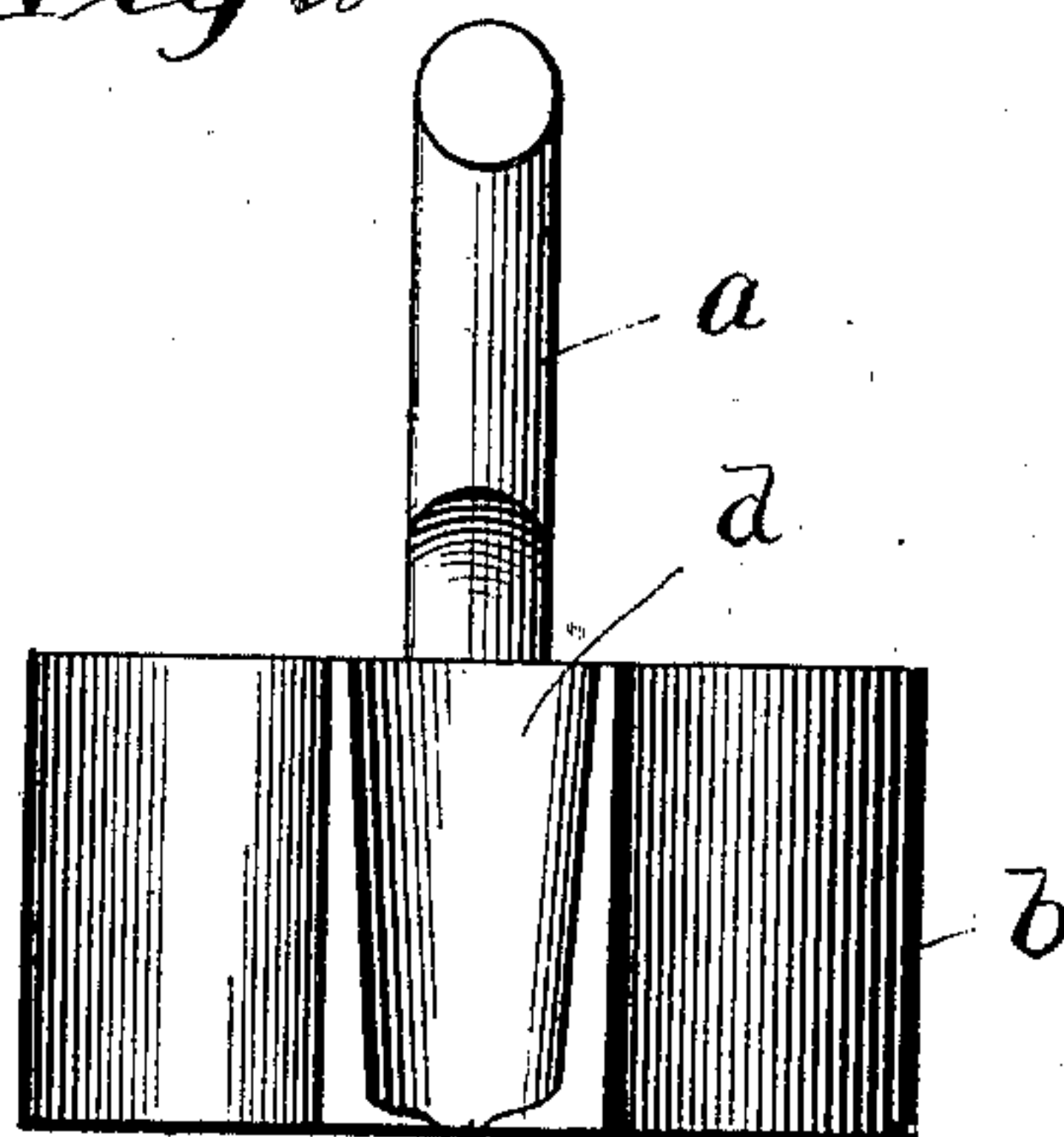


Fig 3

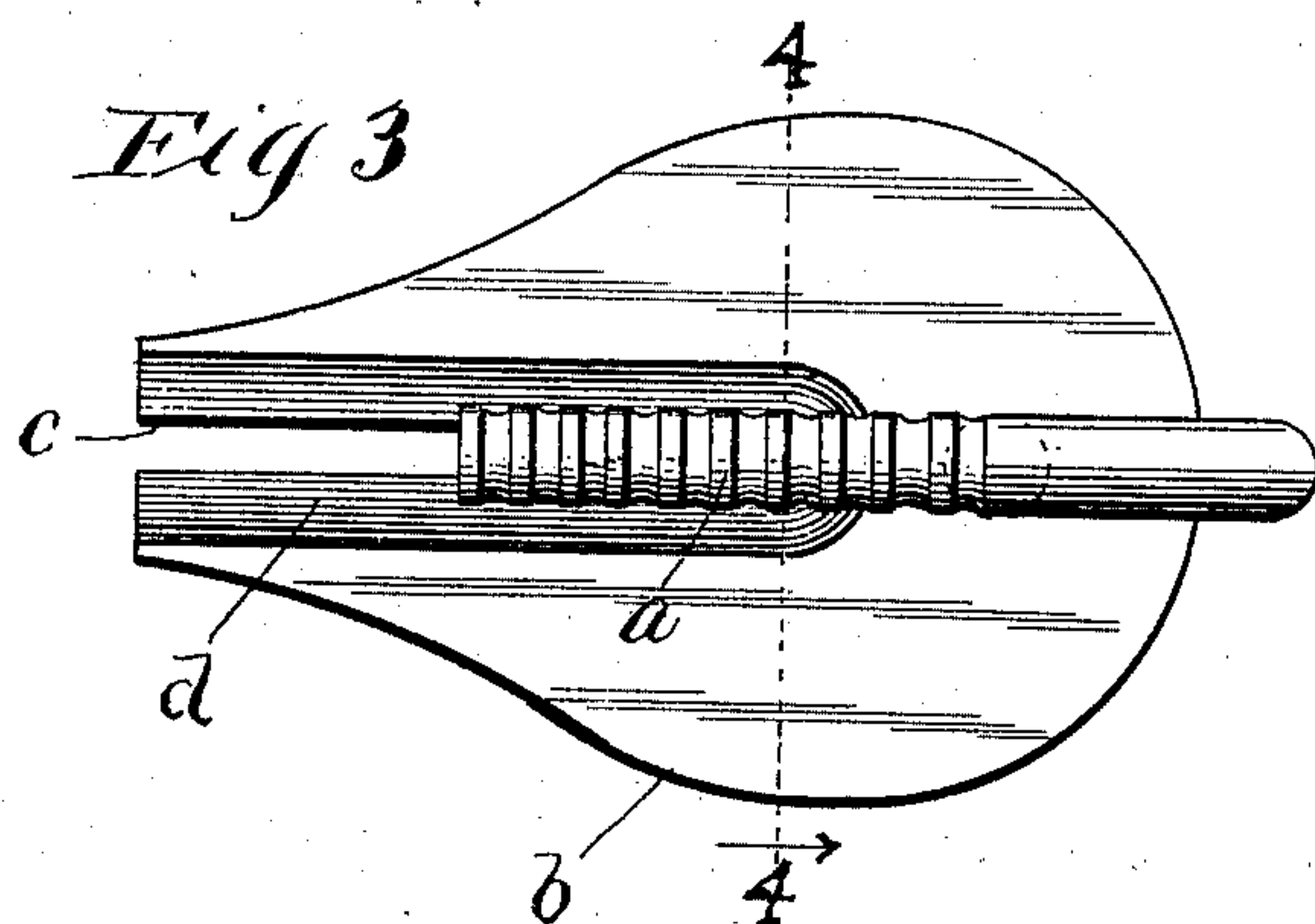


Fig 4

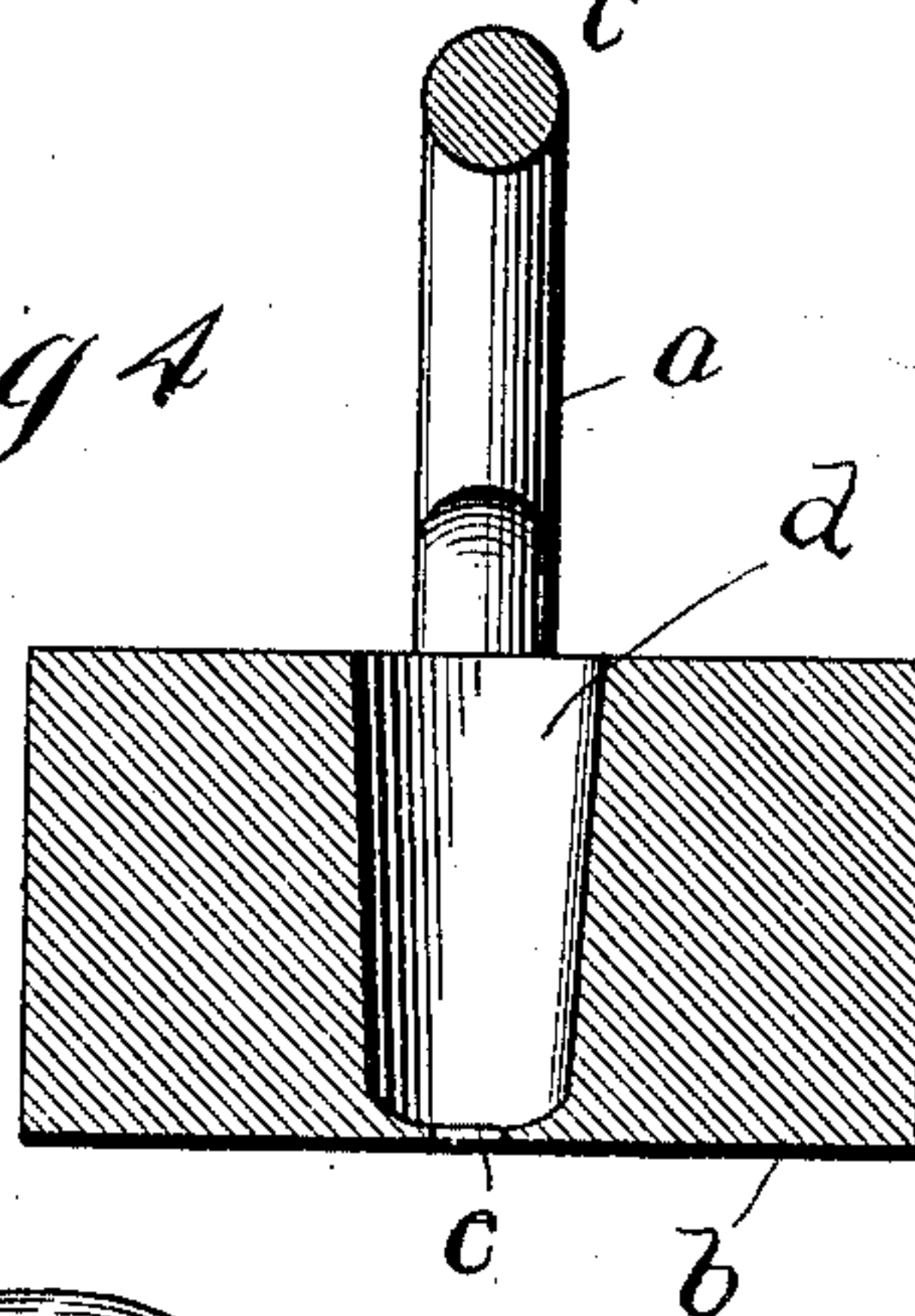
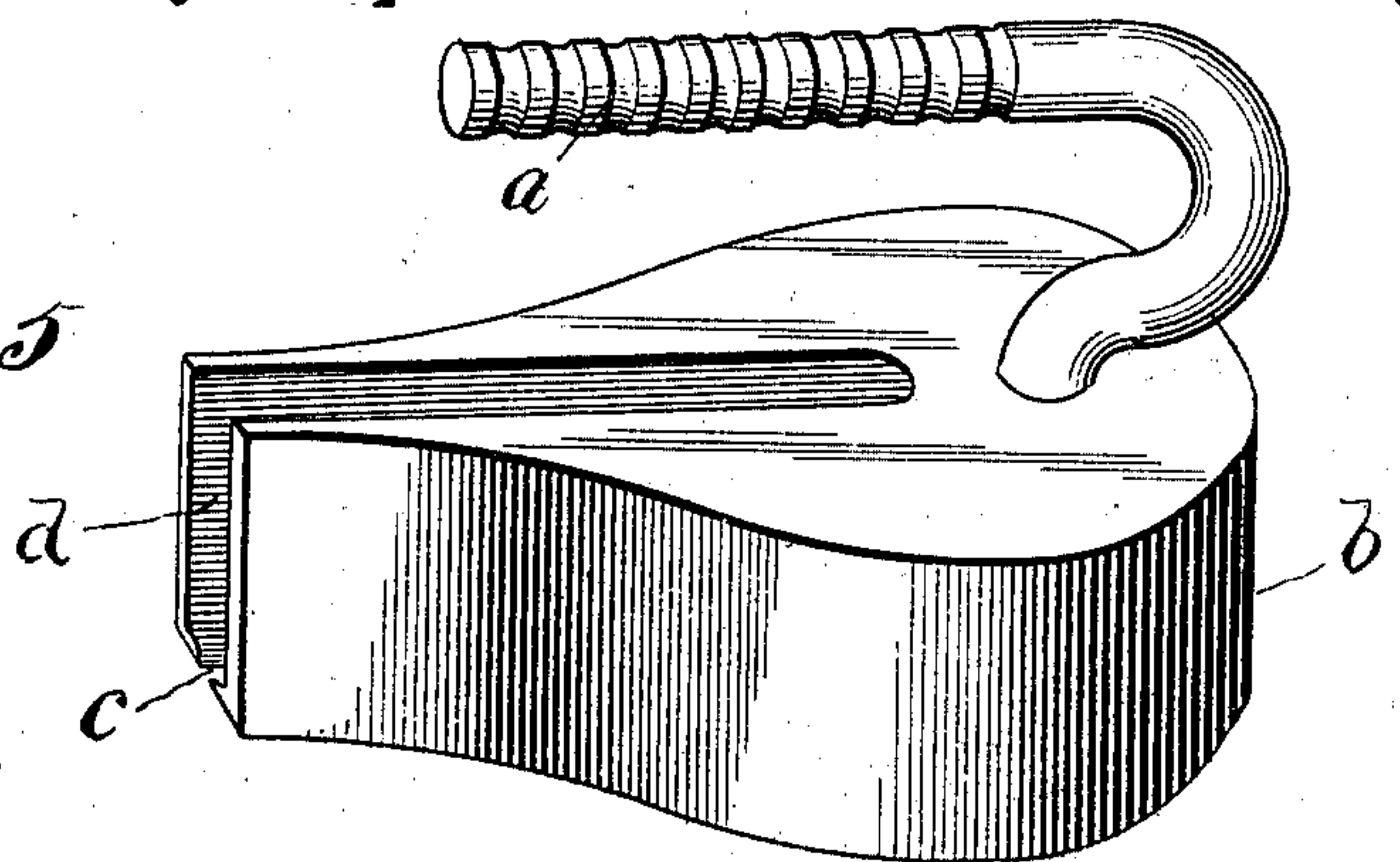


Fig 5



Witnesses:-

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UNITED STATES PATENT OFFICE.

JOHN M. COSLER, OF KOKOMO, INDIANA.

SMOOTHING-IRON.

SPECIFICATION forming part of Letters Patent No. 671,105, dated April 2, 1901.

Application filed September 27, 1900. Serial No. 31,329. (No model.)

To all whom it may concern:

Be it known that I, JOHN M. COSLER, a citizen of the United States, residing at Kokomo, in the county of Howard and State of Indiana, have invented a new and valuable Improvement in Smoothing and Pressing Irons for Tailors' and Laundry Use, of which the following is a specification.

This invention relates to improvements in smoothing-irons of that class adapted for pressing or ironing the cloth under and around the buttons of a garment.

The invention consists in the matter hereinafter described, and pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a view in side elevation of a smoothing-iron embodying my invention. Fig. 2 is an end elevation of the same. Fig. 3 is a plan view of the same. Fig. 4 is a sectional view taken on line 4 4 of Fig. 3. Fig. 5 is a perspective view of the iron.

As shown in said drawings, *a* indicates the handle of the iron, and *b* the body thereof. In the body of the iron is a recess *d*, extending through the top surface thereof downwardly nearly to its bottom or lower surface and opening through one end of the iron. In the bottom of this recess is a narrow slot *c*, which opens through the said bottom surface of the iron, the metal at either side of the said slot being made relatively thin. The recess *d* and slot *c* extend from one end of the iron only a part of the length of the same, so that the iron has a solid portion at one end, from which solid portion the parts at either side of the recess and slot project in the form of arms or prongs.

The iron made as described is intended for pressing the cloth of garments around or under buttons, the button in the act of pressing the cloth entering the recess *d*, while the neck of the button or the thread connecting it with the cloth enters the slot *c*.

It has been proposed heretofore to construct a smoothing-iron with an undercut slot ex-

tending from end to end of the bottom surface thereof. The advantage of an iron having a recess extending through the body of the iron and opening through the top surface thereof is that the slot *c* in such an iron is visible to the operator, who may look downward thereon through the recess *d*, so that the course of the iron in engaging and while it is engaged with the buttons may be observed and the iron readily and easily guided. Moreover, in the iron made as herein shown the solid end portion having a wide or continuous bottom surface is better adapted than is an iron having a slot through out its length to permit the iron to move or slide smoothly sidewise in ordinary ironing, it being obvious that the edges of a longitudinal slot extending the entire length of the iron might and in many cases would interfere with such sidewise sliding of the iron. The said recess *d* being open at its top to the air also affords access of air to the button and prevents the same being scorched by extreme heat. Moreover, the operator can not only see the buttons, so that he can readily turn the iron either lengthwise or crosswise about a button, but the smooth lower surface of the solid end of the iron enables the latter to be more easily turned or revolved about the button in smoothing the cloth beneath it.

I claim as my invention—

A smoothing-iron provided with a recess opening through the top of the same and with a slot narrower than the said recess opening from the same through the bottom surface of the iron; said recess and slot being open at one end of the iron for the reception of a button or the like and extending through only a part of the length of the iron.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN M. COSLER.

Witnesses:

ELWOOD HAYNES,
L. E. COLLIER.