

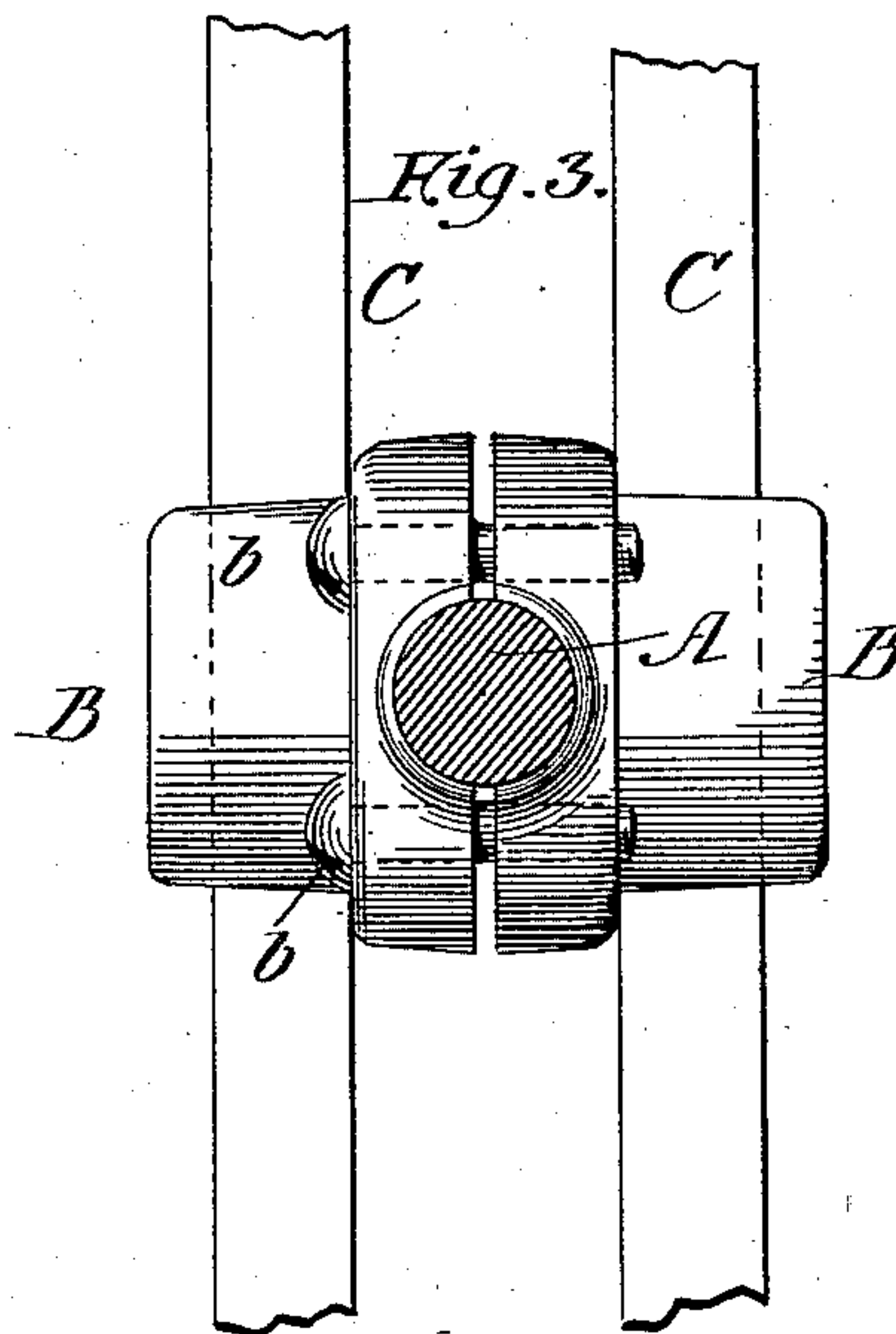
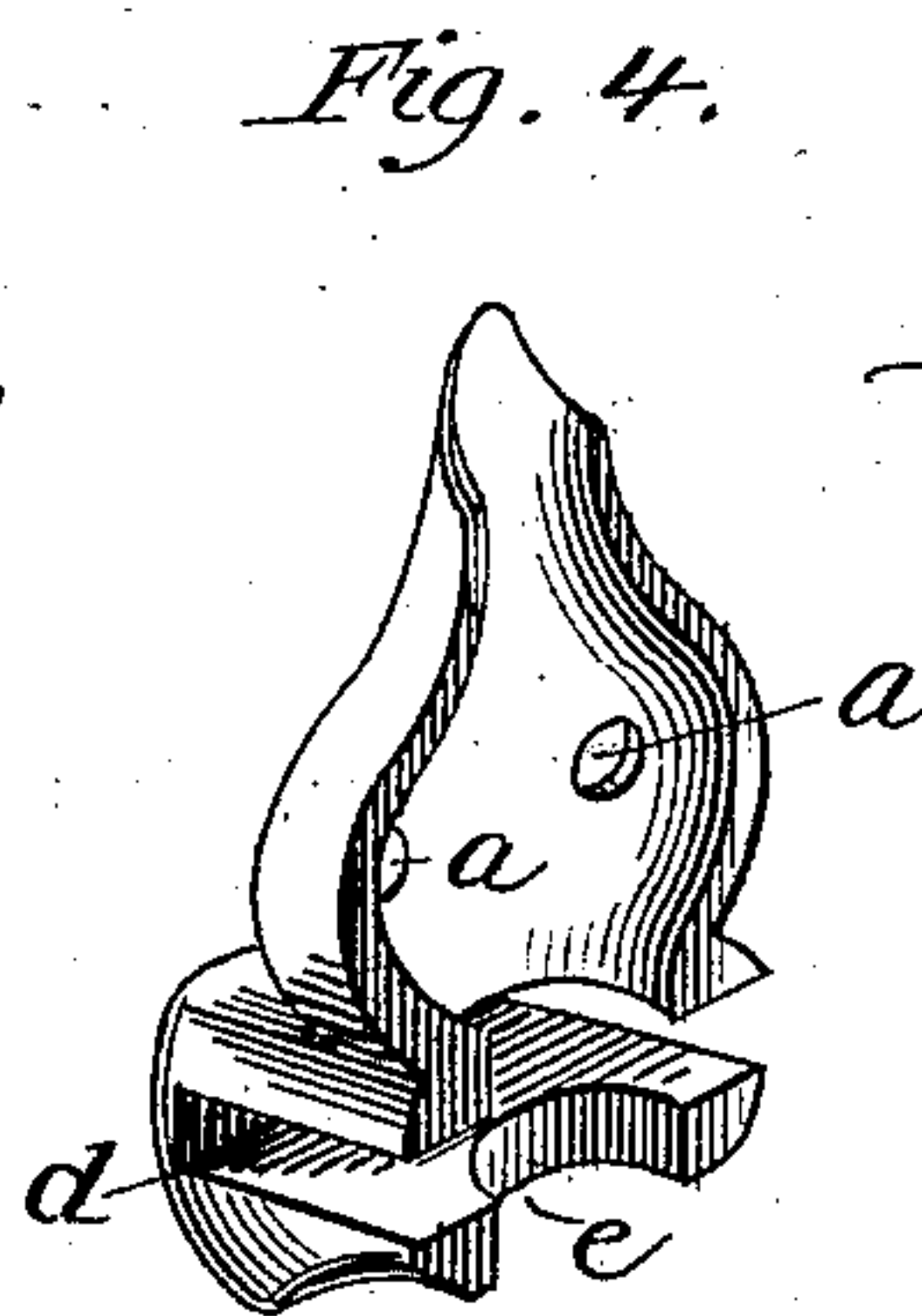
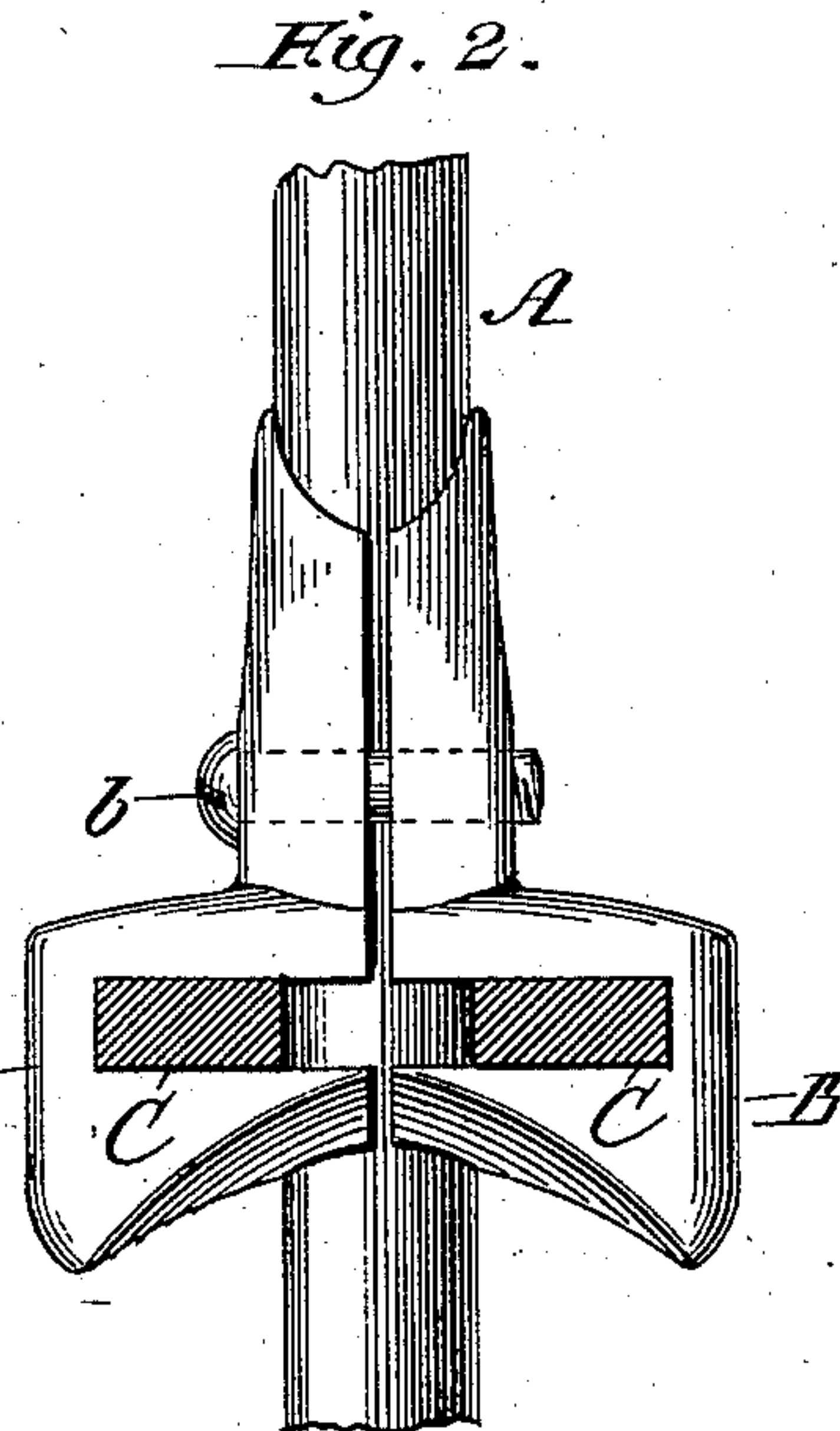
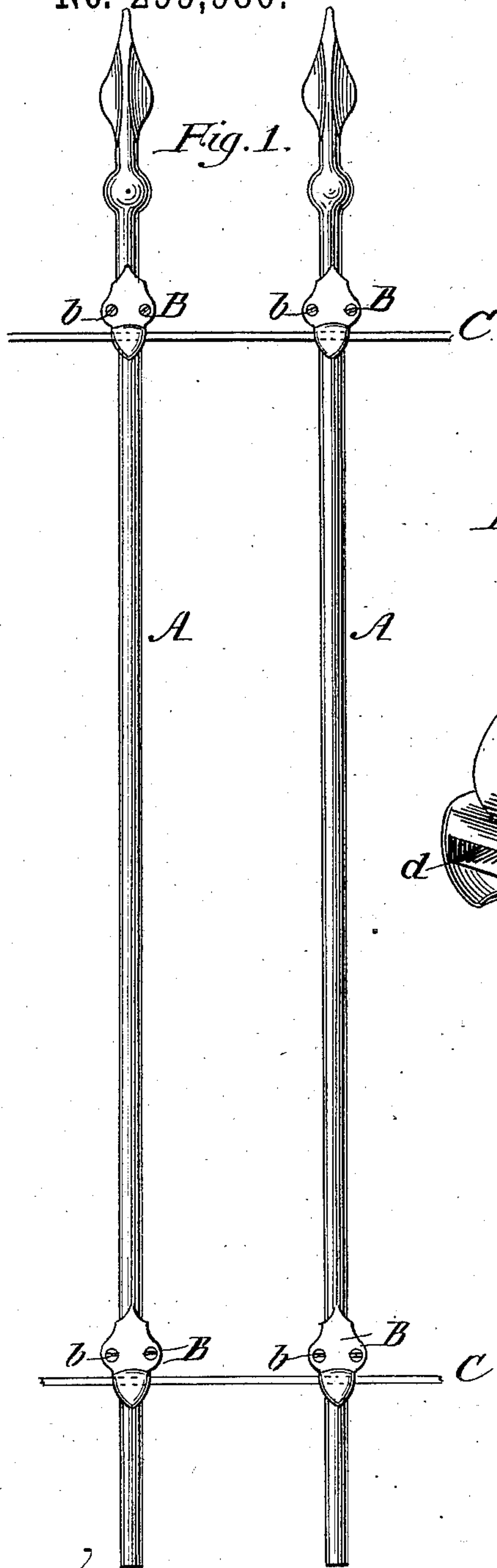
(No Model.)

M. HEGBOM.

IRON FENCE.

No. 299,980.

Patented June 10, 1884.



Witnesses

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UNITED STATES PATENT OFFICE.

MARSELIOUS HEGBOM, OF CHICAGO, ILLINOIS.

IRON FENCE.

SPECIFICATION forming part of Letters Patent No. 299,980, dated June 10, 1884.

Application filed February 25, 1884. (No model.)

To all whom it may concern:

Be it known that I, MARSELIOUS HEGBOM, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Iron Fences; and I do hereby declare that the following is a full, true, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification.

My invention consists, first, of a slotted clamp of novel construction for use in an iron fence, formed of duplicate parts and made to secure the pickets to the rails, said duplicate parts being provided with suitable holes for receiving screws, bolts, or rivets for the purpose of uniting said parts and forming the clamp; and it consists, second, of the combination, in an iron fence, of such slotted clamp with iron pickets and parallel side rails, formed of iron bars, passing through the slots in said clamps on either side, and secured at their ends to suitable posts.

In the drawings, Figure 1 is a side view of a section of my iron fence. Fig. 2 is an end view showing a broken section of one of the pickets with the slotted clamp thereon. Fig. 3 is a top view showing portions of the rails C C passing through the slots of the clamp on either side of the picket, and illustrates the method of securing the pickets to the rails. Fig. 4 is a perspective view of one of the duplicate parts of the slotted clamp.

Similar letters refer to like parts in the several views.

The pickets A A may be formed of wrought-iron rods cut to any desired length, and may be provided with ornamental points of iron or other metal, cast or otherwise secured thereon.

The rails C C consist, preferably, of bars of wrought-iron, and are made of such shape as to fit the slots in the clamp B. These rails are secured at either end to suitable posts, and for an ordinary fence four (4) are used—two on each side of the pickets—placed parallel and opposite to each other.

If desired, where great strength is required, or where the fence is of unusual height, six or more rails may be used.

The clamps B B may be made of malleable cast-iron or other suitable metal. They consist of duplicate parts, each part being provided with a slot, *d*, of suitable shape to receive the rail C, and having its inner face made concave, so as to receive a little less than one-half of the picket A. Said clamp is provided with the holes *a a*, made to receive the screws, bolts, or rivets *b b*, by means of which the duplicate parts are brought together and clamped upon the picket.

By making the slots *d d* in the duplicate parts of the clamp of slightly less depth from the line of contact with the picket than the width of the rails C C, said rails will be brought in contact with the pickets by the tightening of the screws or bolts *b b*, and will serve to hold them firmly in place.

If desired, said pickets may be provided with suitable slots to receive a portion of said rails C C, in which case the possibility of the pickets slipping through the clamp would be prevented.

It is obvious that a single rail on one side only of the pickets, near the top and bottom, might be used, instead of the double rail hereinbefore described, and in that case only one of the duplicate parts of the clamp need be provided with a slot to receive the rail; but a fence so constructed, it is believed, would not be as good as one with the double rail.

In addition to the parallel rails and clamps above described, where the fence will be subjected to unusual strain, as in case of a gate, I use diagonal rails, connecting them to the pickets by clamps of similar construction to those above described, except that the slots in said clamps are placed at a suitable angle to receive the diagonal rods.

By this method of construction I am able to produce a portable fence combining the advantages of lightness with strength, and at a much less cost than the iron fence of ordinary construction.

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

1. In an iron picket-fence, the clamp herein described, consisting of the duplicate parts

B B, each having the slot *d* and holes *a a*, and having its face *e* made hollow to receive and embrace the picket, substantially as and for the purpose specified.

- 5 2. The combination, in an iron picket-fence, of the clamp, consisting of the duplicate parts B B, each having the slot *d*, the hollow face *e*, and holes *a a*, the pickets A A, and parallel side rails, C C, arranged opposite to each

other, with an intervening space to receive to said pickets, said rails being secured at either end to suitable posts, in manner substantially as and for the purposes specified.

MARSELIOUS HEGBOM.

Witnesses:

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