

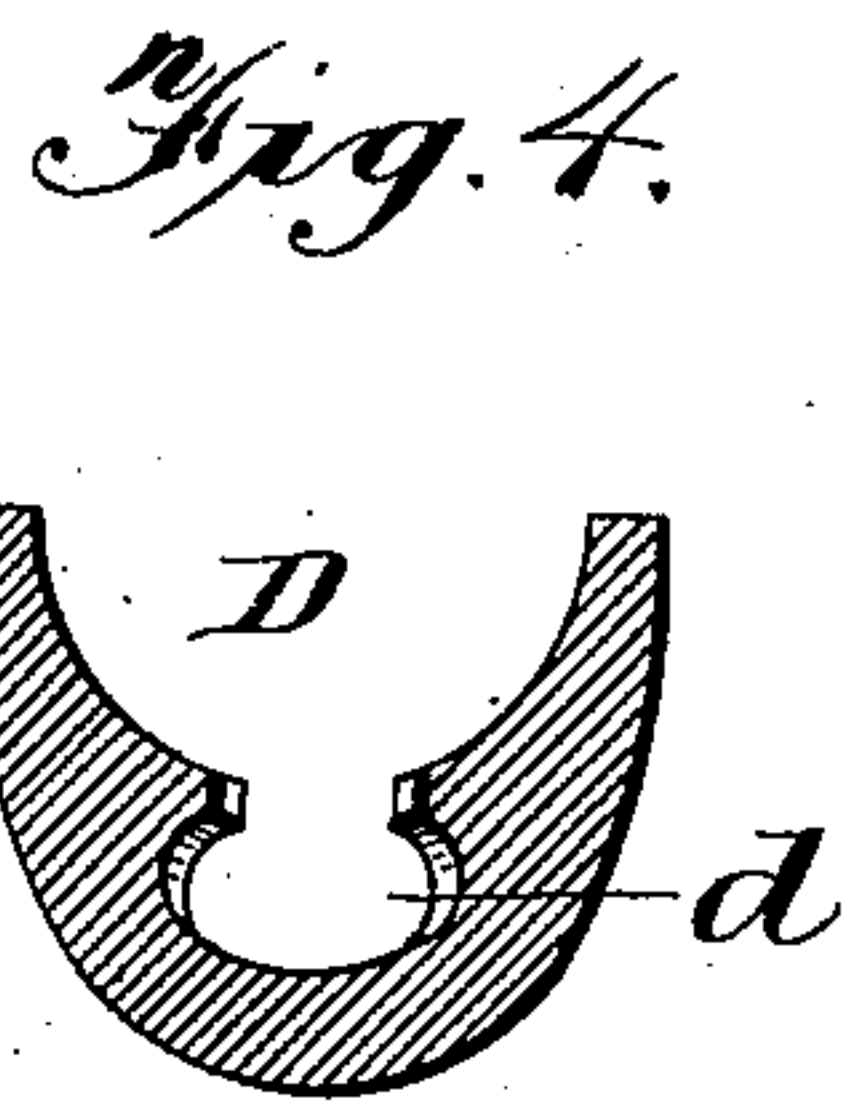
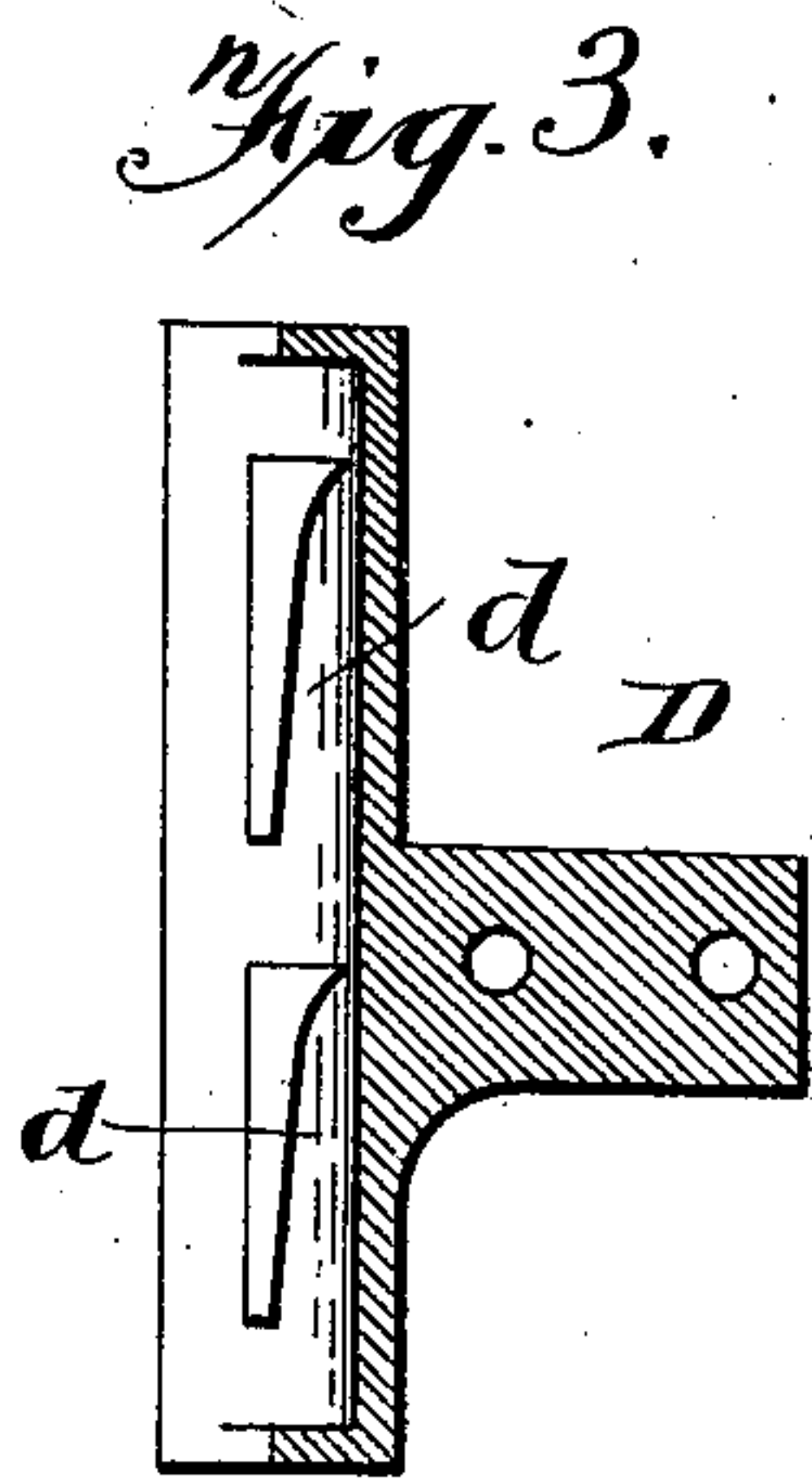
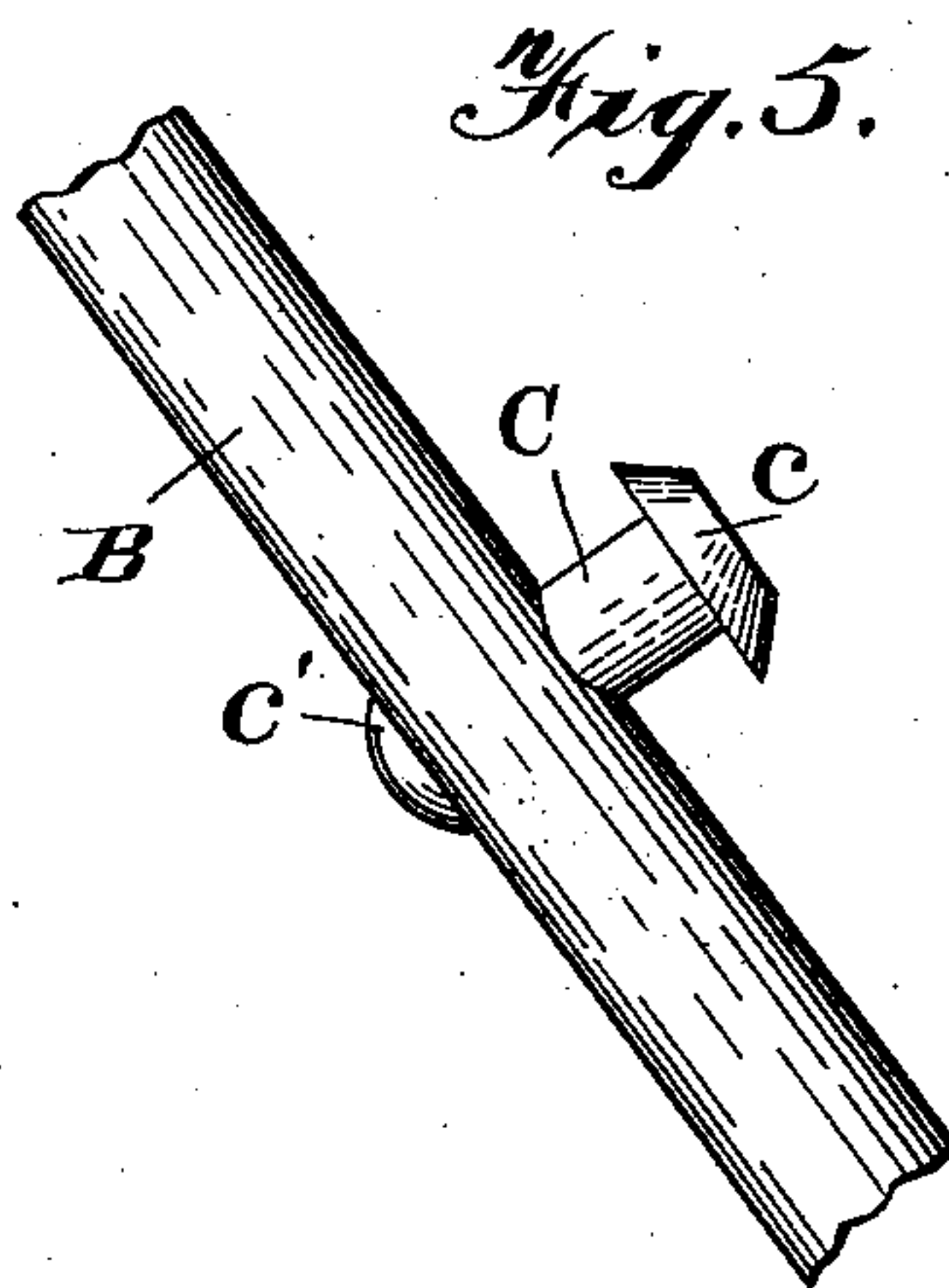
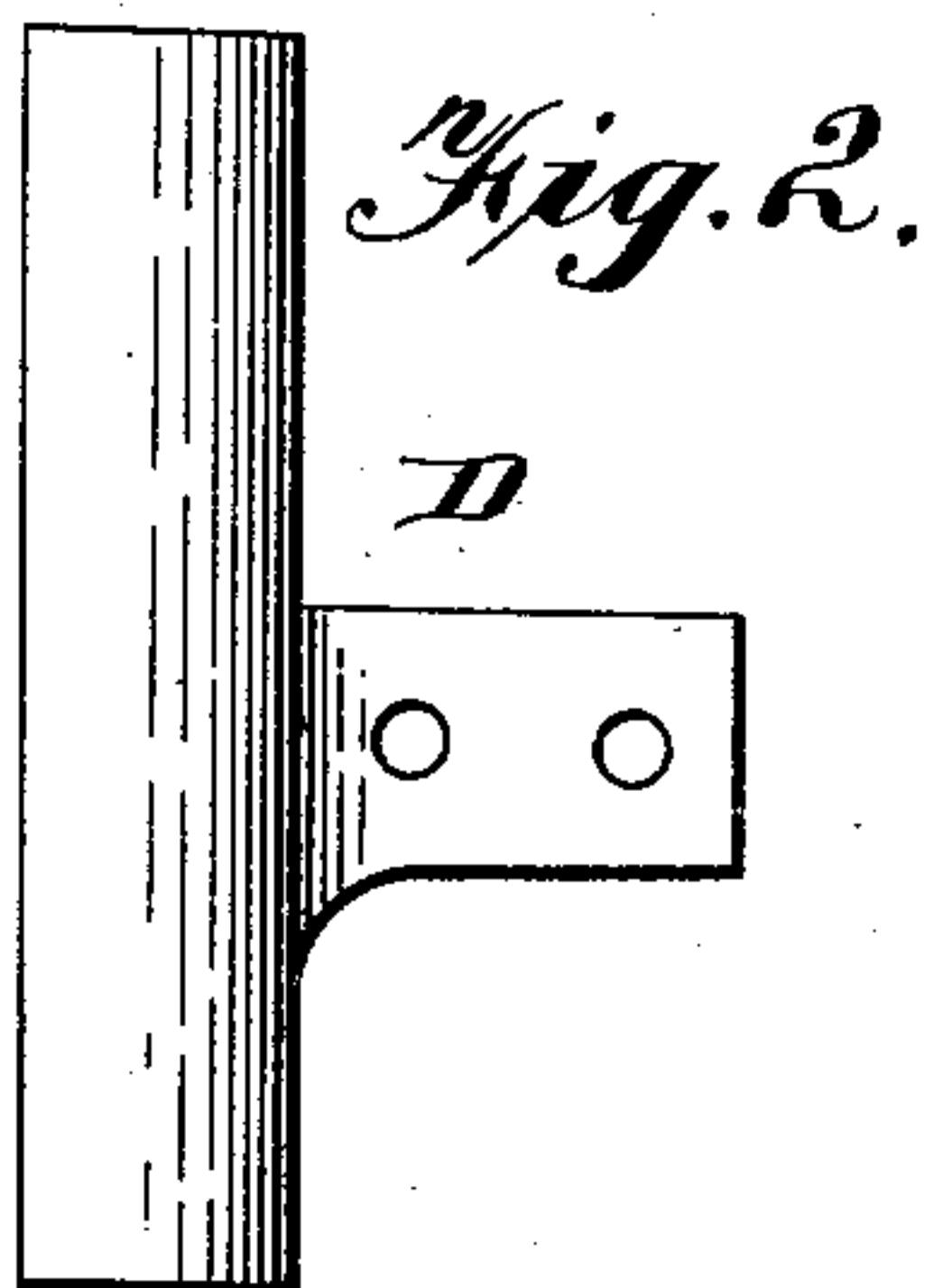
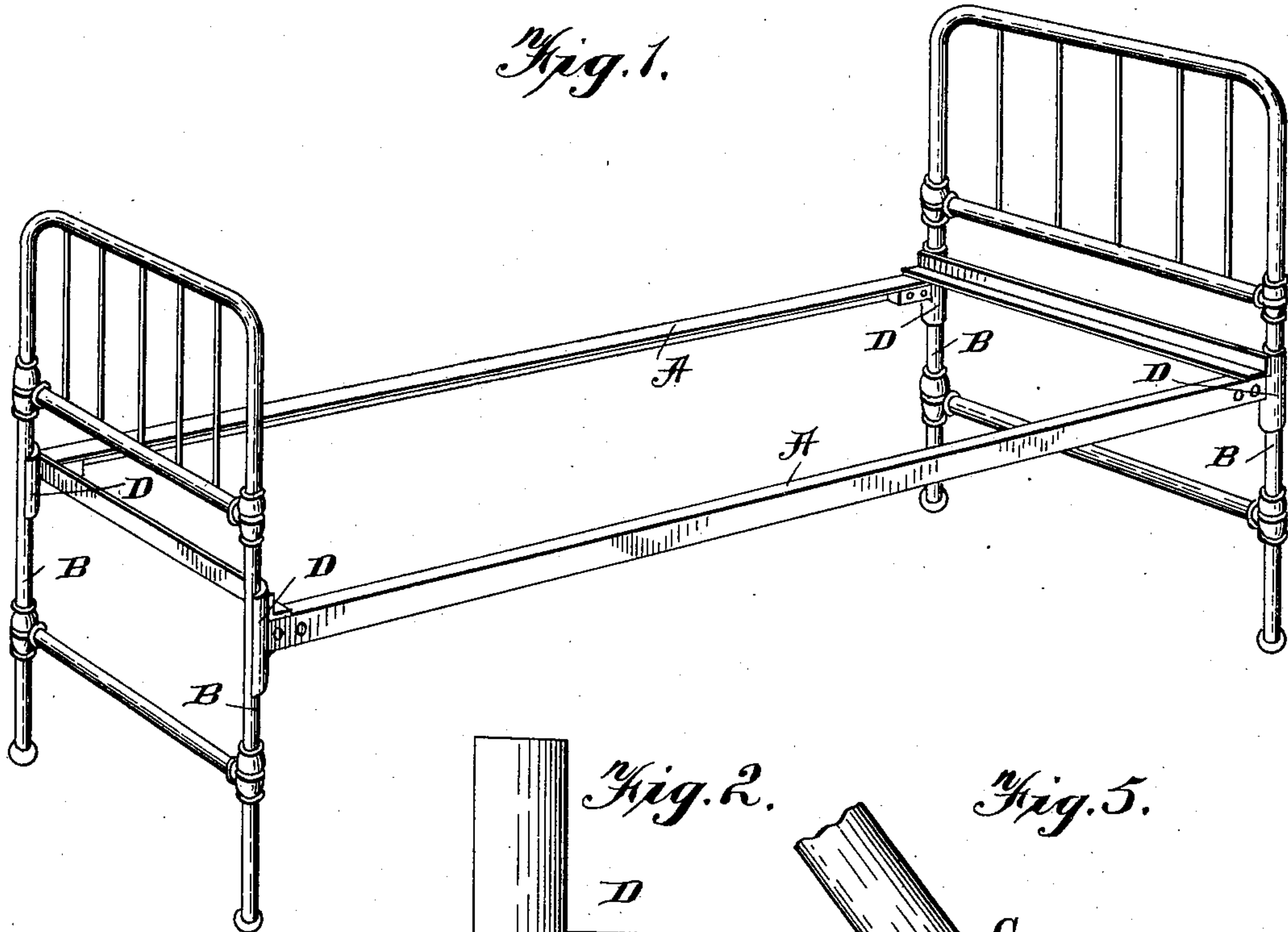
No. 672,867.

E. M. ANTISDEL.
BEDSTEAD.

Patented Apr. 23, 1901.

(Application filed Jan. 28, 1897.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

EGBERT M. ANTISDEL, OF UTICA, NEW YORK.

BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 672,867, dated April 23, 1901.

Application filed January 28, 1897. Serial No. 621,129. (No model.)

To all whom it may concern:

Be it known that I, EGBERT M. ANTISDEL, a citizen of the United States, residing at Utica, in the county of Oneida and State of New York, have invented certain new and useful Improvements in Bedsteads; and I do declare the following to be a full, clear, and exact description of the invention, such as it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The invention relates generally to metallic bedsteads, but particularly to the joints by which the rails are connected with the head and foot posts.

The special object of the invention is to make a joint which will be simple, easy of manufacture, and perfectly tight.

Figure 1 of the drawings is a perspective view showing a bedstead with my improved joint; Fig. 2, a detail view of my hanger; Figs. 3 and 4, respectively, vertical and cross sections of the hanger; and Fig. 5, a detail view of the headed rivet which is applied to each post.

In the drawings, A represents the side rails, and B the posts to which they are jointed. On the posts I employ the rivet C, whose shank passes diametrically through them, being provided with a strong head *c* on one end and a rivet-head *c'* on the other.

D is the rail-hanger, with two sets of upwardly-converging grooves *d d* on the inside to receive the rivet-head *c* as it is pressed down into it to form a wedge-lock. It will be seen that the two sets of grooves *d d* allow the rails to be locked to the posts at a greater or less height, as may be preferred.

I am aware that a diametrical pin has been passed through the post to form a stud on each side, the said studs working in grooves on the hanger and limited by a stop at the upper end of the grooves; but in practice this joint makes a noise as a person turns or moves in bed, while the ends of the pin become bent from the weight of the occupant of the bed or from being pressed with force when the rails are put in place. I have experimented to overcome these objections and have done

so effectually by means of my headed rivet and converging grooves. Weight or force only locks my joint the tighter the greater its degree.

Having thus described all that is necessary to a full understanding of my invention, what I claim as new, and desire to protect by Letters Patent, is—

1. In bedsteads, the combination of a round post with a round-headed projection and a side rail with a wedge-grooved hanger grooved to fit the post, the wedge-grooves on the inside of the hanger being adapted to receive the head of the projection substantially as set forth.

2. The side rail of a bedstead having a hanger with two sets of wedge-grooves, each converging upwardly to allow the bed to be supported in a higher or lower position as shown and described.

3. The combination of a round post having a headed projection, and a bed-frame or rail-fixture having a grooved face to receive the post, a groove to receive the headed projection, and having inclined grooves in its oppositely-disposed parts adapted to receive the head of the projection.

4. The combination of a bed-post, having a headed projection, a rail or frame fixture having wedging portions *d, d*, and portions abutting on the post above and below said wedging portions, substantially as described.

5. The combination with a bed-post having a headed projection, of a rail or frame fixture having the grooved face adapted to receive the side of the post and a groove to receive the headed projection and two sets of wedging projections *d, d*, and *d, d*, substantially as described.

6. In a bedstead of the character described, the combination of a post having a projected headed pin and a longitudinally-recessed coupling formed to receive and partially embrace the leg and opposite inclined or wedge-shaped faces within the coupling between which the neck of said pin passes and which engage the head of the pin, substantially as described.

7. In a bedstead, the combination of a leg having a projected headed pin and a longitudinally-recessed coupling to receive the leg and engaging the same above and below the

pin and provided with internal oppositely-disposed wedge-shaped faces engaging the pin and drawing the coupling and leg together by reason of the wedge action.

5 8. In a bedstead, the combination of a post having a headed projection, a longitudinally-recessed coupling receiving and partially embracing the post and provided with oppositely-disposed internal wedge or inclined
10 faces receiving said projection, and drawing the post and coupling together, the coupling engaging the post on opposite sides of and above and below the projection and wedging-faces, substantially as described.

15 9. The combination of a round post having a headed projection and a rail or frame fastener grooved to fit the side of the post, and having recesses to receive the post projection and two sets of inclined shoulders adapted
20 to engage the head of the post projection, inclined in the same direction and adapted to engage the post at two different elevations, substantially as set forth.

25 10. The combination of a post having a headed projection and a rail or frame fas-

tener having a groove to receive the post and a recess to receive the headed projection and a shoulder on each side of the recess adapted to engage the head of the projection.

11. In a bed, the combination of a bed-post 30 provided with a projecting headed pin, and a rail or frame fastener having an internal elongated opening and provided with inclined shoulders within said opening for engaging the head of the pin and bringing the parts to- 35
gether, substantially as described.

12. In a bed, the combination of a bed-post having a headed projection, and a coupling recessed to receive said projection and provided with internal oppositely-disposed in- 40
clined faces to engage the head of the pin and lock the post and coupling together, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

EGBERT M. ANTISDEL.

Witnesses:

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