

F. B. UPTON.
METALLIC BED.
APPLICATION FILED AUG. 6, 1904.

Fig. 1.

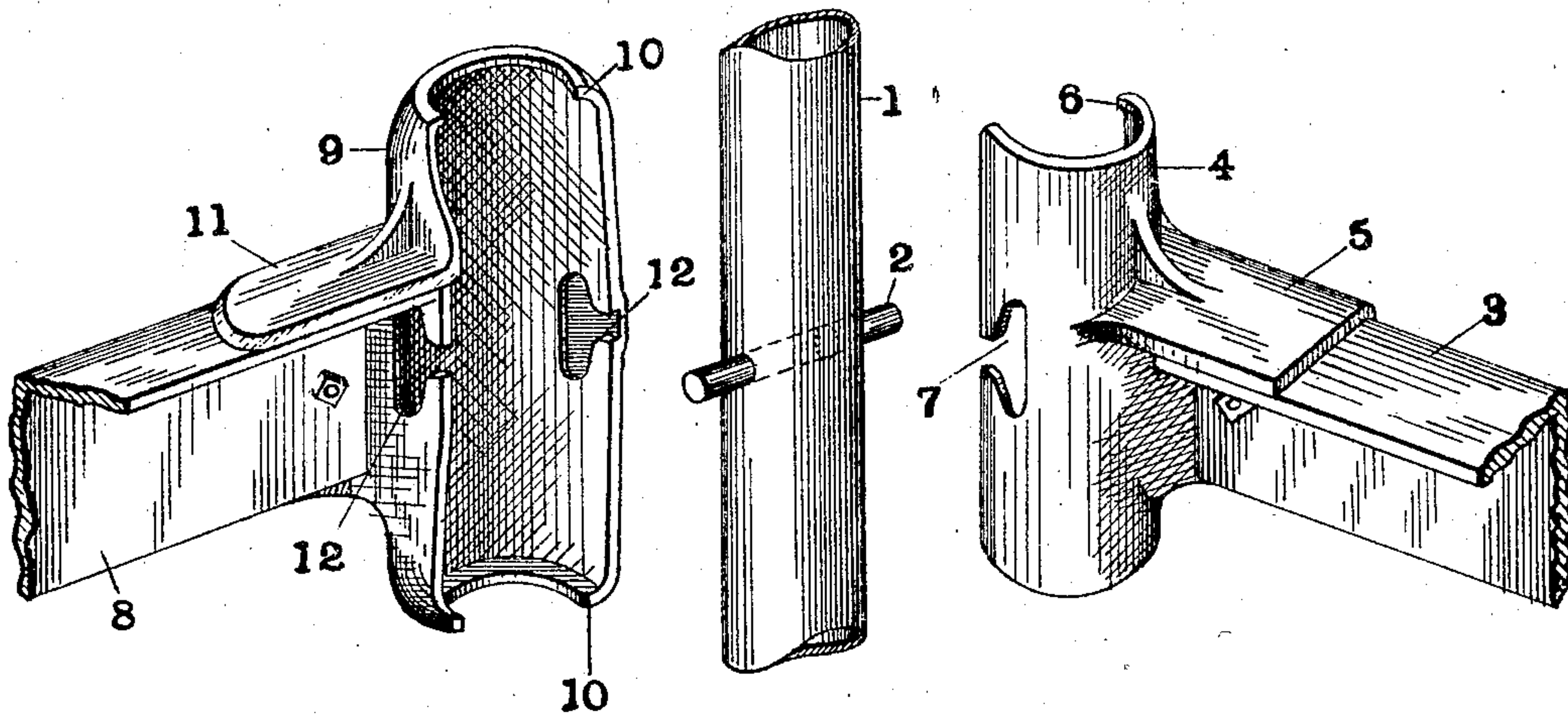


Fig. 2.

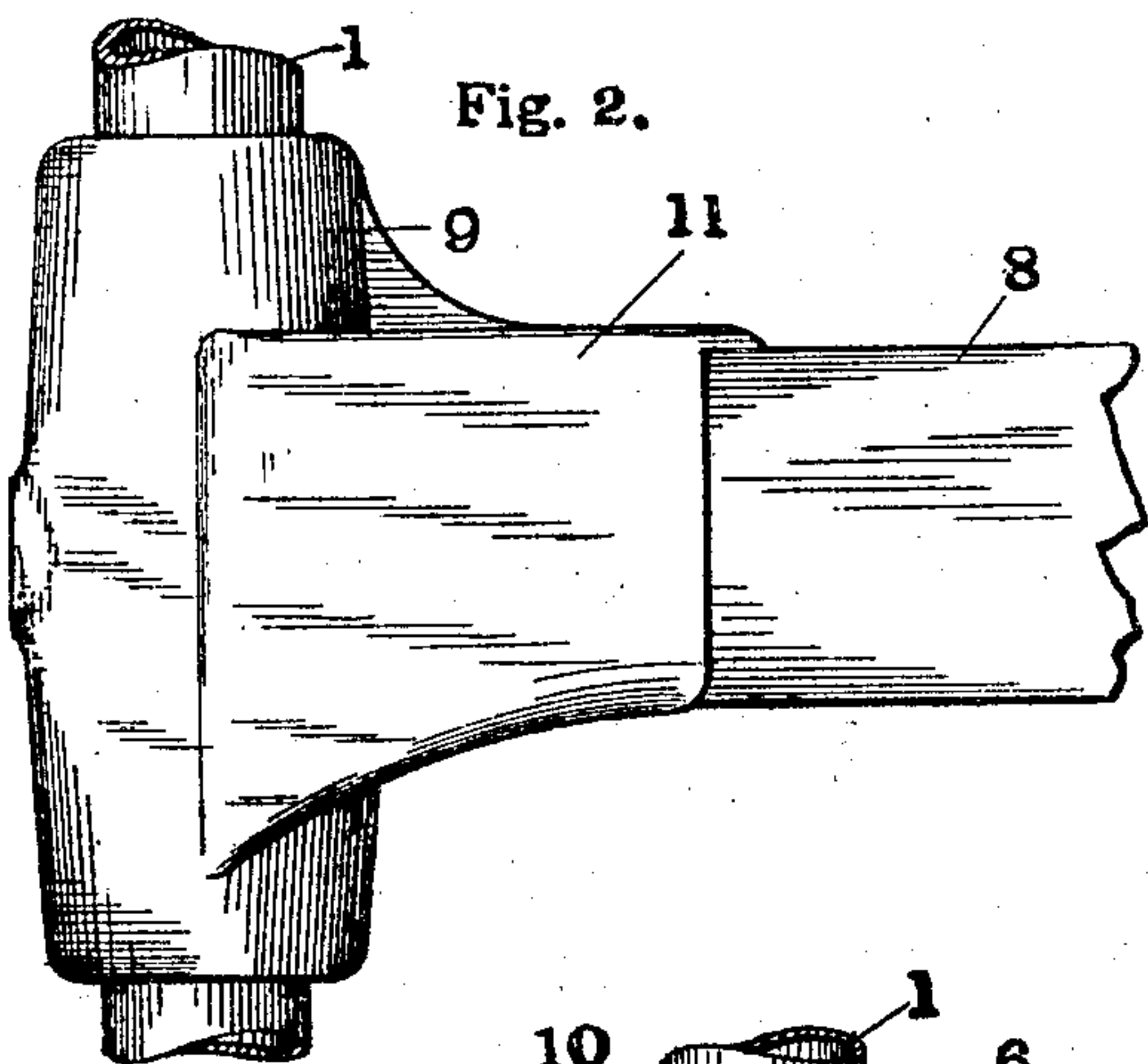


Fig. 3.

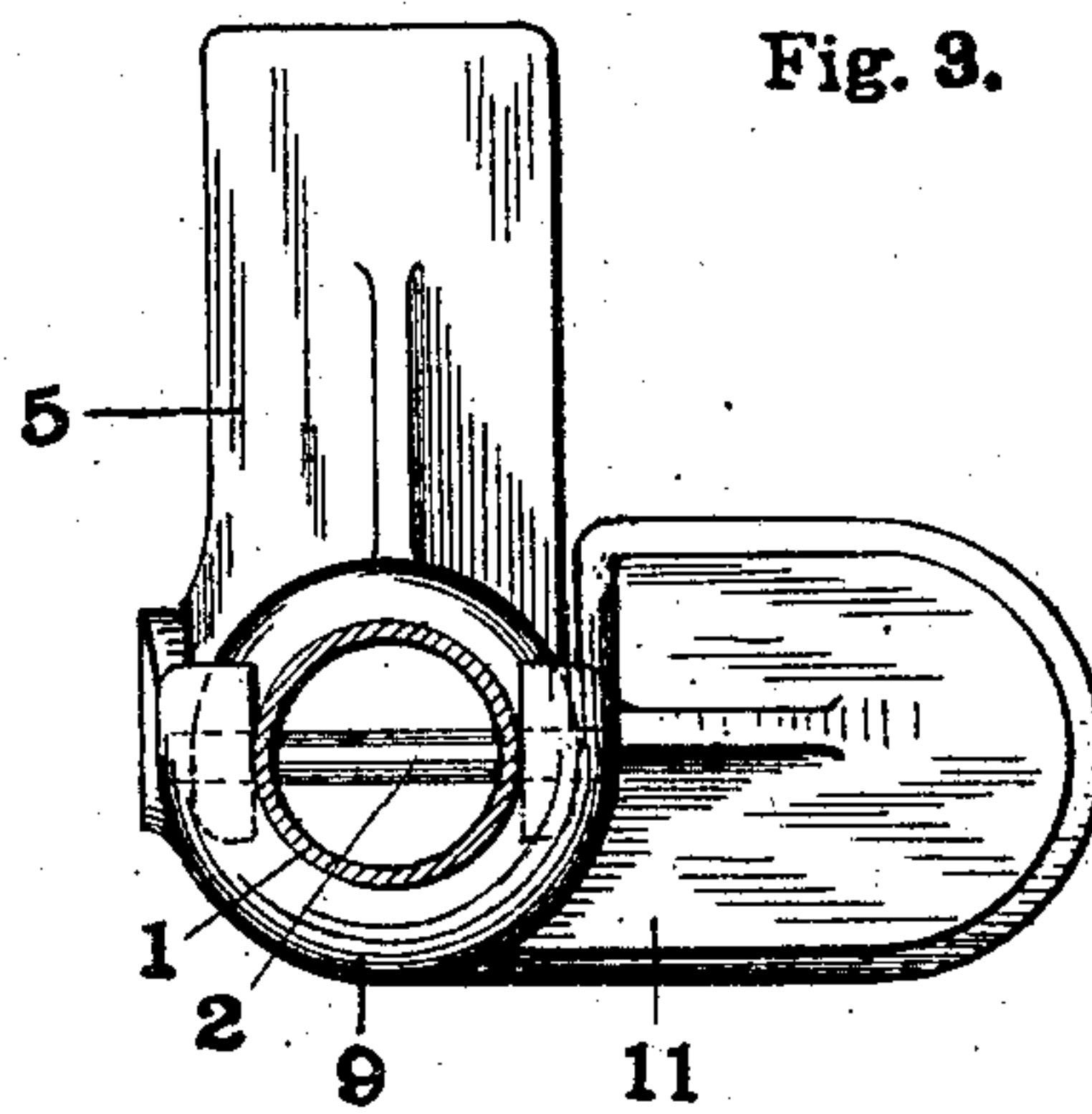


Fig. 4.

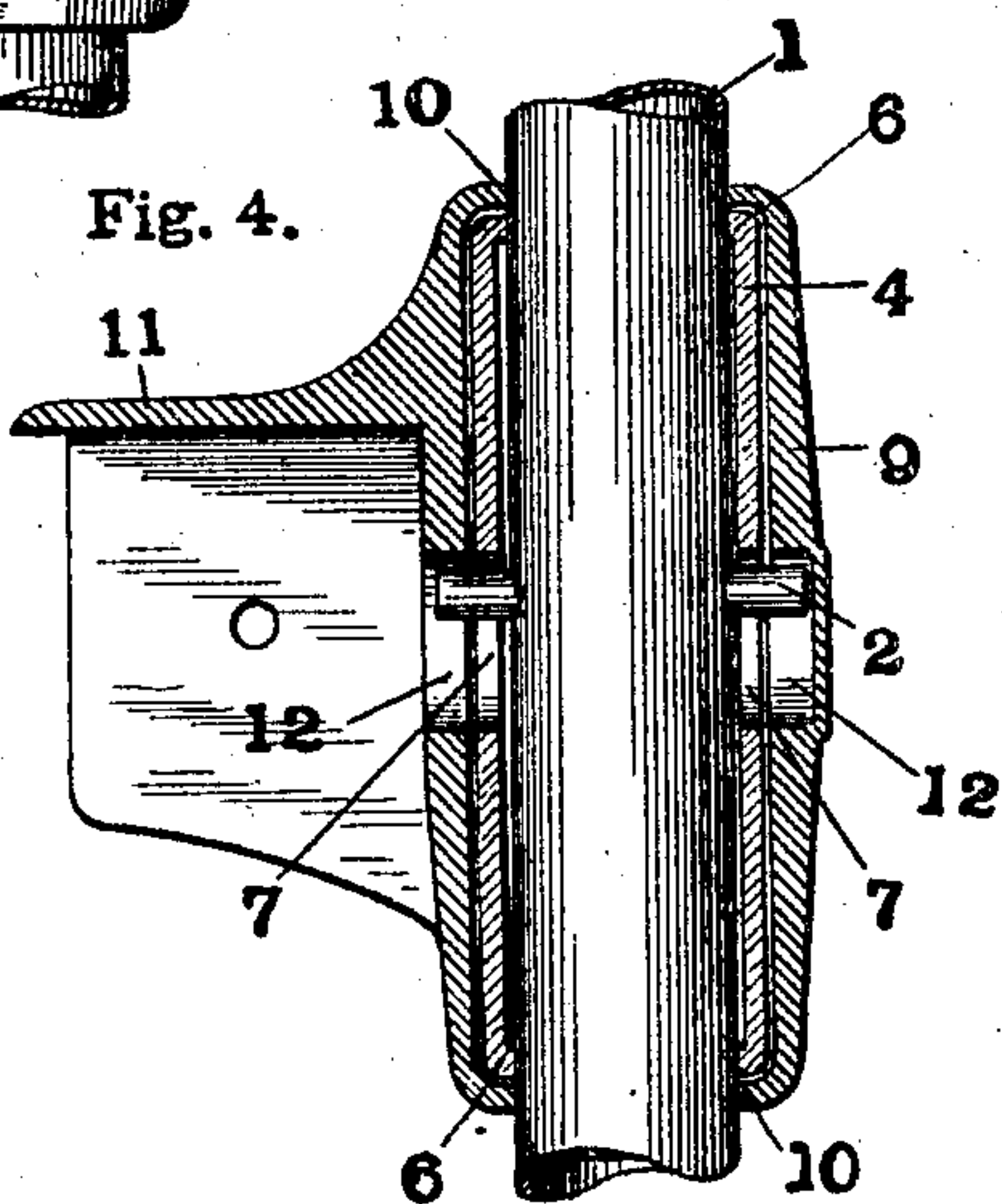
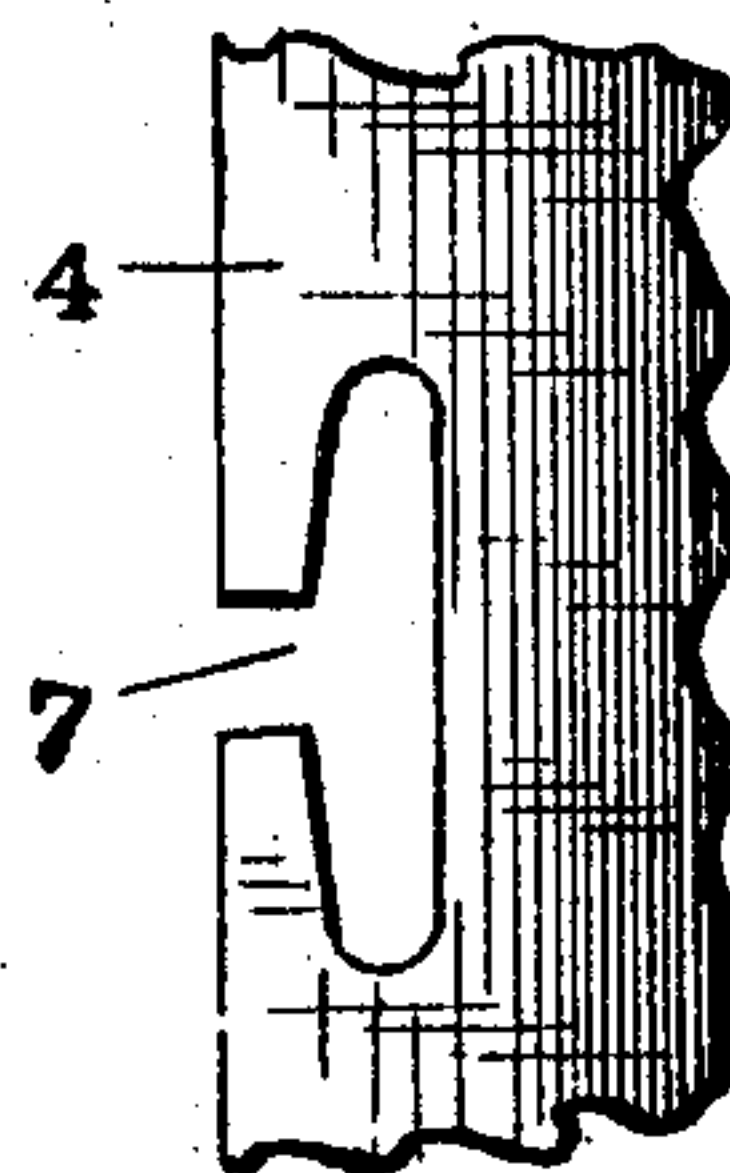


Fig. 5.



Witnesses.

H. G. Fletcher.
And J. R. Quinn.

Inventor,

F. B. Upton,
By. Carr & Carr,
Attorneys.

UNITED STATES PATENT OFFICE.

FRANK B. UPTON, OF ST. LOUIS, MISSOURI.

METALLIC BED.

No. 795,947.

Specification of Letters Patent.

Patented Aug. 1, 1905.

Application filed August 6, 1904. Serial No. 219,735.

To all whom it may concern:

Be it known that I, FRANK B. UPTON, a citizen of the United States, and a resident of the city of St. Louis and State of Missouri, have invented a new and useful Improvement in Metallic Beds, of which the following is a specification.

My invention relates to metallic beds, and has for its principal objects to dispense with casting a hanger on the bedpost for the attachment of the bed-rails, to removably connect both the end rails and the side rails to the bedposts, to provide connecting means for the side rails that will conceal the connection of the end rails with the bedposts, to provide connecting means for both side and end rails that will have widely-spaced bearings upon the bedposts, to provide a reversible connection for the bed-rails, and other objects hereinafter more fully appearing.

My invention consists in the parts and in the arrangements and combinations of parts hereinafter described and claimed.

In the accompanying drawings, forming a part of this specification, and wherein like symbols refer to like parts wherever they occur, Figure 1 is a perspective view of one corner of the bed with the parts separated. Fig. 2 is a side view of the corner with the parts connected. Fig. 3 is a plan view of the corner. Fig. 4 is a sectional view, and Fig. 5 is a fragmentary view showing one of the slots on an enlarged scale.

In the present metallic bed each post, so far as the means for attaching the rails is concerned, may be a simple tube or cylinder 1, provided with a transverse pin 2, which projects on both sides of the post. Of course these projections could be made integral with the post, but the construction shown and described is generally preferable. For attachment to the posts each end rail 3 is provided at each end with a head 4. The latter is preferably a casting and may be cast on the rail, but is preferably secured thereto by mechanical means, such as a bolt or rivet. The head 4 has a substantially semicylindrical body portion and a laterally-extending integral L-shaped bracket 5, to which the rail is attached. The body portion may be of uniform internal diameter from top to bottom, but is preferably provided with annular bearing-rings 6 at top and bottom of smaller internal diameter than the intermediate portions. Slots 7 are made in each side of the body portion. Each slot has a horizontal portion ex-

tending to the edge of the body and a vertical portion extending both above and below the horizontal portion. The front walls of the vertical portions of the slots are inclined. When the head is applied to the post, the projections on the latter pass through the horizontal portions of the slots in the former and into the vertical portions thereof. The walls of the slots being inclined, as the head settles down the body is drawn up to the post and the bearing-rings are caused to bear tightly upon the post. Thus a firm joint is secured.

Each side rail 8 is provided with a head 9 at each end for attachment to the posts 1. The body of each head 9 is substantially semicylindrical and is large enough to embrace the head 4 of the end rail. It is provided at its opposite ends with integral bearing-rings 10, which have the same internal diameter and functions as the rings 6 on the heads 4. The side rail is fastened to the head 9 by means of a laterally-extending integral L-shaped bracket 11 on the head. Slots 12 are provided in the head. These slots are similar to and operate in the same manner as the slots 7 in the heads 4. The slot 12 in the side opposite the bracket 11 is not cut entirely through the wall. Hence the external appearance of the head is not marred by the presence of the slot. When both the heads are attached to the bedpost, the head 9 of the side rail covers the head 4 of the end rail, so that there is no joint visible to one standing to one side of the bed. Both heads are reversible, and hence the L-shaped rails may be arranged with their horizontal flanges either up or down, as may be desired.

Obviously my device is capable of modification within the scope of my invention, and therefore I do not wish to be limited to the specific construction shown and described.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A metallic bed comprising a post provided with oppositely-extending projections, an end rail provided with fastening means, and a side rail provided with fastening means, both said fastening means being arranged to engage both of said projections.

2. A metallic bed comprising a substantially cylindrical post, a pin extending transversely through said post and projecting on opposite sides thereof, an end rail, a side rail, and fastening means on each of said rails both of which are arranged to engage both ends of said pin.

3. A metallic bed comprising a post pro-

vided with oppositely-extending projections, an end rail provided with fastening means arranged to engage said projections, and a side rail provided with fastening means arranged to embrace and at least partially conceal said fastening means for said end rail and to engage said projections.

4. A metallic bed comprising a post, a pin extending transversely through said post and projecting on opposite sides thereof, and a side rail having a head embracing said post and having slots to receive the ends of said pin, said pin extending in a direction parallel with said side rail.

5. A metallic bed comprising a post, a pin extending transversely through said post and projecting on opposite sides thereof, and a side rail having a head embracing said post, said pin extending in a direction parallel with said side rail, and said head having slots to receive

the ends of said pin terminating short of the ends of the head and having substantially semicircular bearing-surfaces near its ends.

6. A metallic bed comprising a post provided with oppositely-extending projections, an end rail provided with a head having slots arranged to engage said projections and a side rail provided with a head having slots arranged to engage said projections, a line connecting said projections being transverse to one of said rails and parallel to the other of said rails.

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

FRANK B. UPTON.

Witnesses:

FRED F. REISNER,
WM. P. CARR.