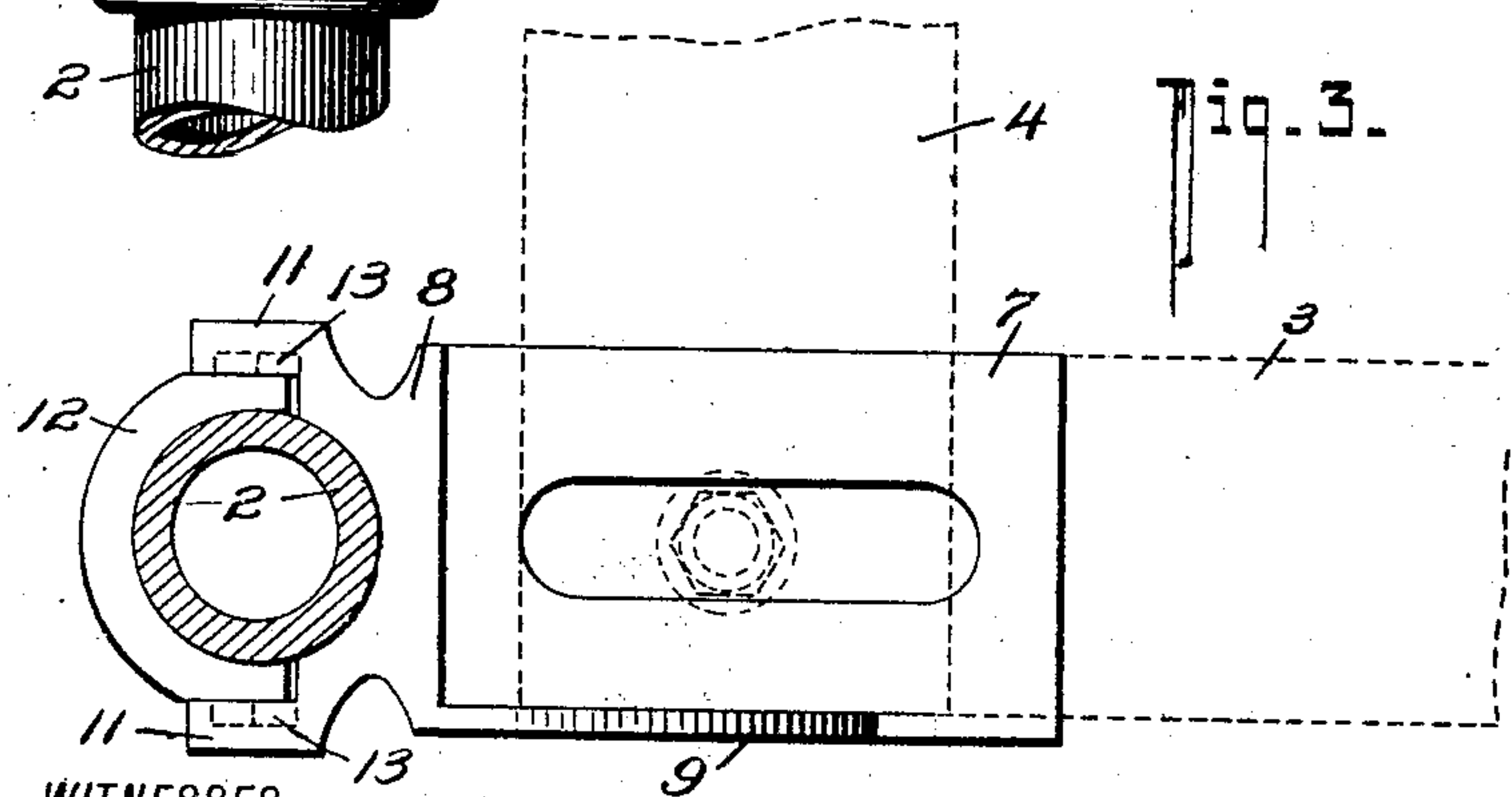
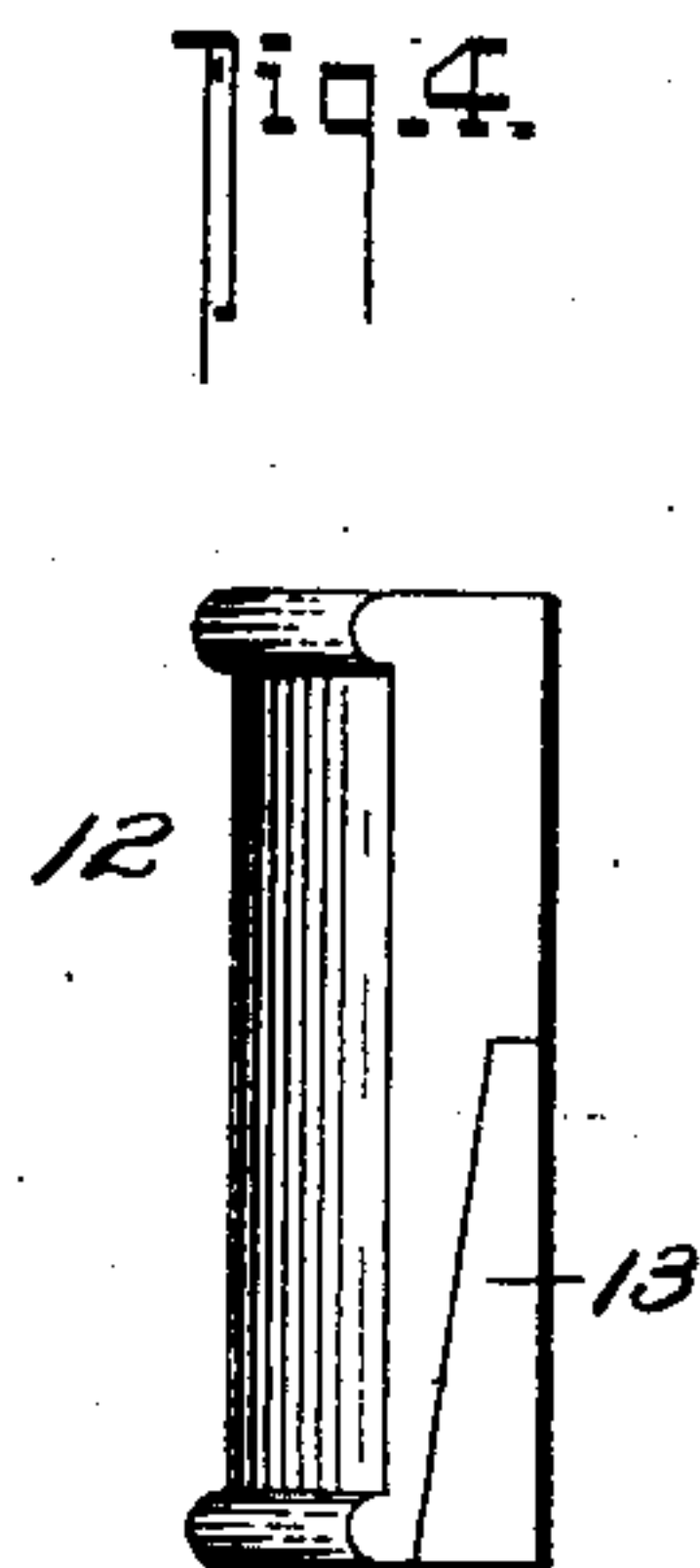
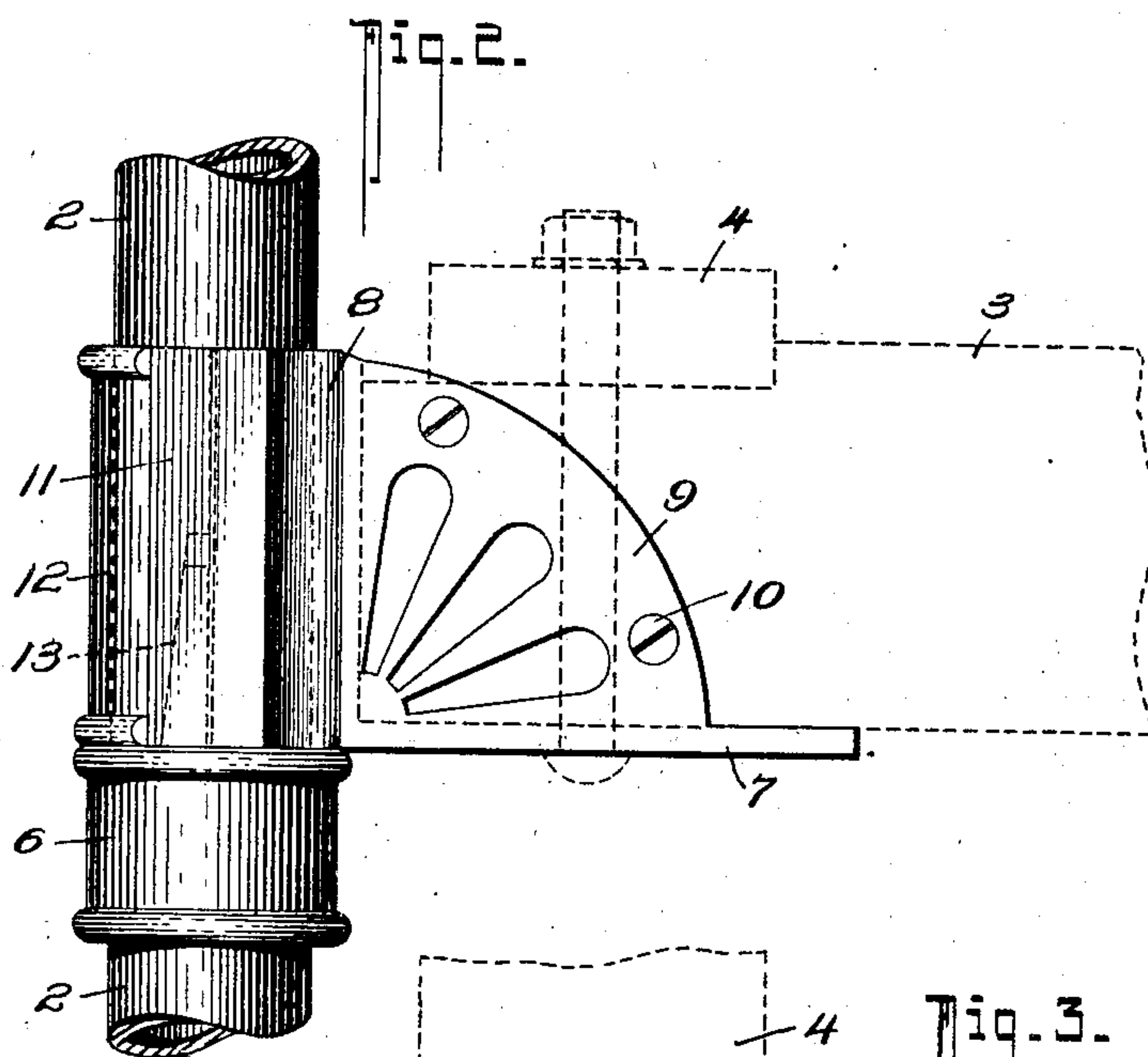
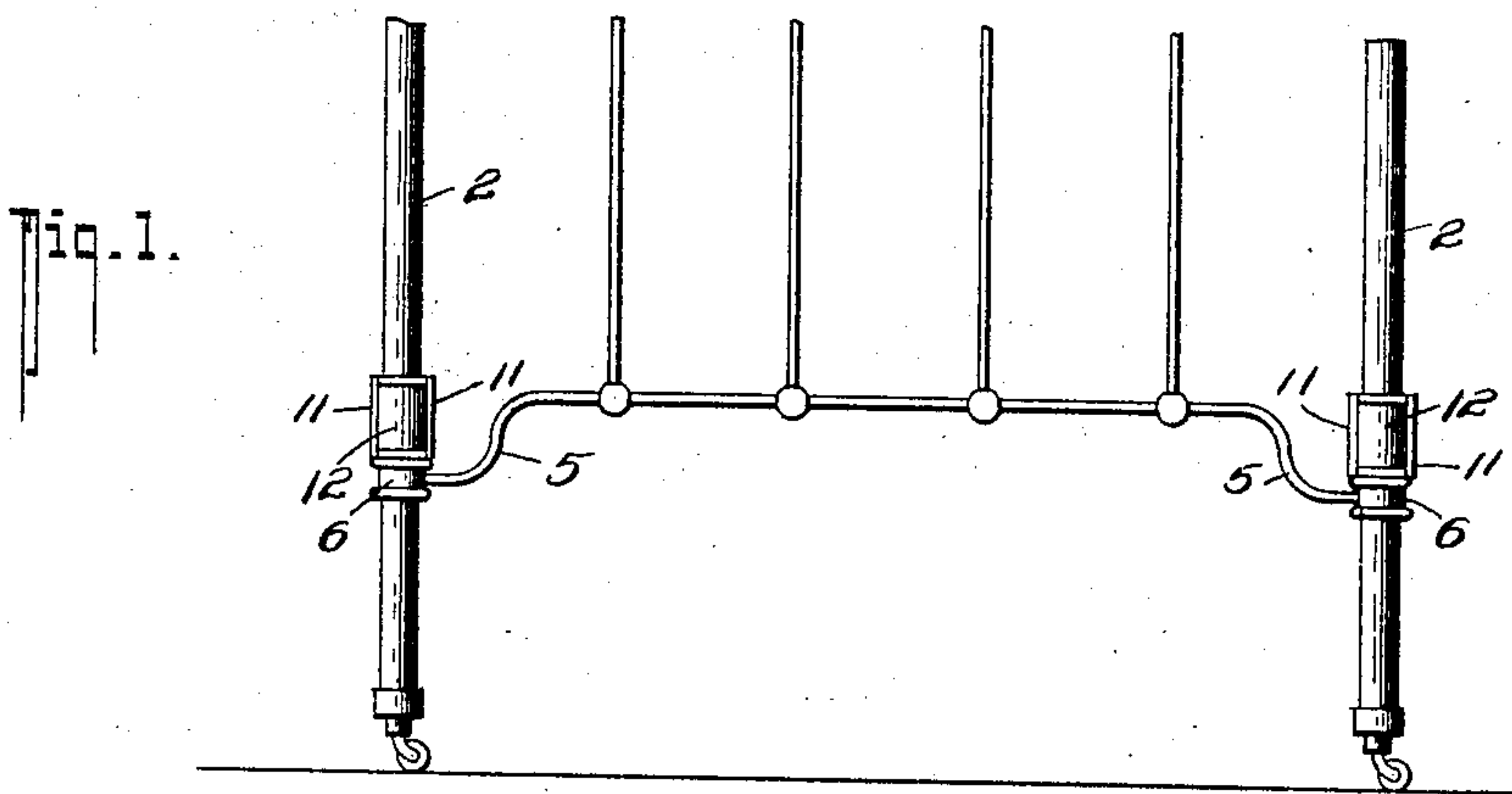


No. 786,173.

PATENTED MAR. 28, 1905.

A. TAYLOR.
BEDSTEAD CONSTRUCTION.
APPLICATION FILED JULY 19, 1904.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ALFRED TAYLOR, OF VICTORIA, CANADA.

BEDSTEAD CONSTRUCTION.

SPECIFICATION forming part of Letters Patent No. 786,173, dated March 28, 1905.

Application filed July 19, 1904. Serial No. 217,252.

To all whom it may concern:

Be it known that I, ALFRED TAYLOR, a citizen of the Dominion of Canada, residing at Victoria, in the Province of British Columbia, Canada, have invented a new and useful Improvement in Bedstead Constructions, of which the following is a specification.

My invention relates to improvements in bedstead construction designed to reduce the weight of its framework by utilizing the frame of a spring or box mattress to connect and brace together the head and foot frame of the bedstead.

The invention comprises a particular form of bracket which is secured to the corners of the mattress-frame and means by which these brackets may be clasped to the corner-posts of the head and foot frames.

By this manner of construction I am enabled not only to dispense altogether with the side bars of a bedstead by which the head and foot frames are usually connected together, but also to lighten materially the structure of the head and foot frames themselves, as with my improvement these frames are supported and strengthened by that of the mattress-frame.

My invention is fully set forth in the following specification, reference being made to the drawings which accompany it, in which—

Figure 1 is an end view of the head or foot of the bedstead having my attachment; Fig. 2, a bracket which supports the mattress-frame and the means for attaching it to the corner-posts of the end frames. Fig. 3 is a plan of the latter, and Fig. 4 a detached detail of the wedging member by which said attachment is made.

Throughout the drawings the posts of the bedstead are represented by 2, and 3 and 4 indicate in dot-and-dash lines the side and cross timbers of the mattress-frame. The corner-posts 2 are braced together to form the head and foot of the bedstead by the customary light iron framework of any approved design, but without the usual strong horizontal tie toward the lower part. The lower member 5 of this end framework is cast into band-chills 6 on each post in the usual manner. Secured to each end of the side members 3 of the mat-

tress-frame by the same bolt which fastens the cross-ties 4 to 3 is a bracket composed of a portion 7, extending under the side member 3, a portion 8, extending up the corner-post, and a connecting-web 9, through which screws 10 may further secure the brackets to the side frames 3. Each bracket 8 where it bears against a corner-post is hollowed to conform to it and is provided with lateral projections 11, adapted to receive between them a clasp- ing member 12, also hollowed to fit the post and furnished with laterally-projecting wedge portions 13, designed to enter similarly-shaped recesses in the lateral projections 11 and tightly clasp the corner-posts of the head and foot frames to the brackets of the mattress-frame.

In the application of the device to an ordinary spring-mattress the brackets are secured to the corners of the mattress-frame and the clasp- ing members 12 are placed on the corner-posts 2 of the head or foot frame, with the lower edge of 12 resting on the upper shoulder of the band-chill 6. The portions 8 of the brackets on the mattress-frame are then brought against the posts 2 and lowered down, so that wedge portions 13 of the clasp- ing member are entered in the recesses of the lateral projections 11 of the brackets, and being pressed tightly down the head or foot frame is tightly secured to the mattress-frame, and the whole is united to form a strong substantial bedstead.

In carrying out the details of this invention my effort has been to eliminate as much as possible any fitting or machining of the framework of the bedstead, as such always means loss of time and consequent expense if only in the handling of the parts. The attaching-bracket has also been designed to be applicable to any class of mattress-frame, so that the head and foot frames may be kept apart and applied as the customer may desire to any preferred form of mattress.

Having now particularly described the nature of my said invention, what I claim as new, and desire to be protected in by Letters Patent, is—

1. The combination with a mattress-frame and corner-posts, said posts each having a

horizontal bearing-shoulder, of clasping members adapted to fit around the outer faces of the posts and rest upon the bearing-shoulders thereof, each of said clasping members having
5 wedge-shaped lateral projections, a bracket secured to each end of the mattress-frame and each having a portion adapted to clasp around the inner faces of the several posts and rest
10 upon the horizontal bearing of the posts, said clasping portions of the brackets having wedge-shaped recesses to engage the wedge-shaped projections on the outer clasp members, all being arranged substantially as shown and described.
15 2. In a bedstead, the combination with a corner-post having a collar thereon, clasping members adapted to partially encircle said posts and rest upon said collar, each of said clasping members having wedge-shaped lugs
20 on each side and formed with a flat face on each side, a mattress-frame, a bracket at the

corner of said mattress-frame, said bracket having a portion to encircle the corner-posts and engage the first-mentioned clasp member, said bracket portion also having overlapping
25 side portions to overlap the flat faces of the clasping members, the inner or clasp engaging faces of said overlapping portions of the bracket being flat and formed with internal
30 wedge-shaped recesses to receive the wedge-shaped lugs of the first-mentioned clasp member, the post-engaging portion of said bracket resting on said post-collar, all being arranged substantially as shown and for the purposes
35 described.

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

ALFRED TAYLOR.

Witnesses:

D. J. McDONELL,
ROY E. PEABODY.