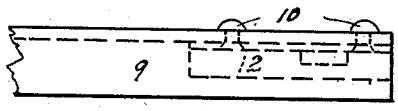
I. DAVIDSON.

BEDSTEAD JOINT.

APPLICATION FILED SEPT. 9, 1912.

1,068,745. Patented July 29, 1913.

Fig 2



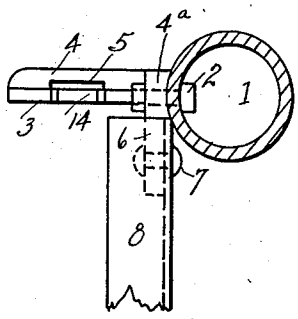
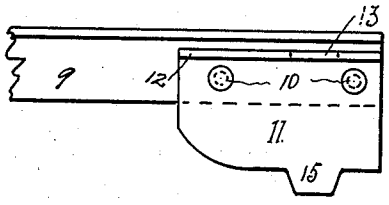


Fig. 1.



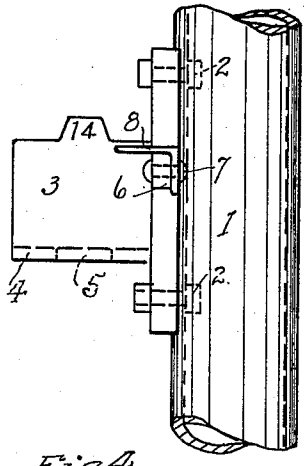


Fig.3.

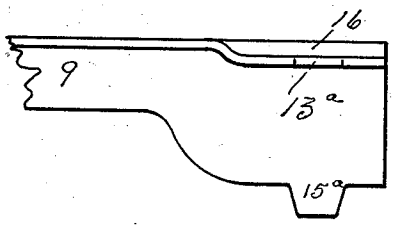
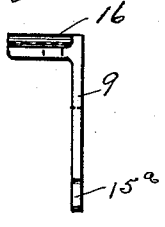


Fig.4.



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BEDSTEAD-JOINT.

1,068,745. Specification of Letters Patent. Patented July 29, 1913.

Application filed September 9, 1912. Serial No. 719,279.

To all whom it may concern:

Be it known that I, ISADOR DAVIDSON, a citizen of the United States, and a resident of the city of Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in Bedstead-Joints, of which the following is a full, true, and exact specification.

This invention relates to bedstead joints, and has for its principal object to provide a joint of this character which is exceedingly cheap to manufacture, strong and durable and easily manipulated.

The invention will be fully described in the following specification and shown in the accompanying drawings, in which—

Figure 1 is a side elevation of my device applied to an ordinary bedstead, fragments of the latter being shown. Fig. 2 is a top plan view of the same. Fig. 3 is a side elevation of a part of a modified form of the device and Fig. 4 is an end elevation of the same, looking toward the left.

Referring now more particularly to the drawings, reference numeral 1 designates the bedpost, to which is attached, by means of the bolts 2, the plate 3, which is bent at a right angle, as at 4, to form a seat and through which seat is the aperture 5. The rear edge of the plate 3 is also turned at a right angle to the body of the plate, as at 4ª, to form a back rest. From the plate 3 extends the wing 6 to which is firmly secured, as by the bolt 7, the angle iron cross piece 8 of the bed frame.

9 designates the side rail of the bed, the cross section of which is the same as the cross piece 8. By means of the bolts 10 the plate 11 is firmly secured to the inner side of the rail 9. The upper edge of the plate 11 is turned at a right angle, as at 12, and through which turned portion is the aperture 13 into which is adapted to fit the projection 14 upon the plate 3. Upon the lower edge of the plate 11 is a similar projection 15 which is adapted to fit into the aperture 5 in the plate 3. Both the projections 14 and 15 are tapered slightly, as shown.

It is believed that the construction and operation of my device will be fully understood by those skilled in the art without further description.

It is clear that if the side rail 9 be moved to the right (see Fig. 1) until the projection 14 of the plate 3 registers with the aperture 13 in the right angled portion 12 of the plate 11, that the projection 15 will at the same time register with the aperture 5 in the right angled portion 4 of the plate 3, and that as the rail 9 is forced downwardly the projections 14 and 15 enter the apertures 13 and 5 respectively and, due to the taper of the said projections, will wedge firmly into place, the relation between the angular portion 4ª of the plate 3 and the taper of the said projections being so that the end of the rail 9 is forced firmly against the angular portion or back rest 4ª of the plate 3, and when in that position the projection 14 is covered by the top portion of the angle iron rail 9, so as not to catch nor interfere with the bed clothing, etc.

In the modified form shown in Figs. 3 and 4, the side rail 9, the plate 11 and its projection 15 may all be integrally formed, as clearly shown, and the top of the projection 14 prevented from projecting above the plane of the rail 9, that is to say, the top extremity of the said projection may be flush with the top edge of the rail 9 without interfering with its holding function because of the depression 16, and the aperture 13ª is in the depressed portion 16.

I have shown a particular form of embodiment of my invention but I do not desire to be restricted to that exact form, except as limited by the appended claims, knowing that many minor changes in form will readily suggest themselves to others skilled in the art without departing from the spirit and scope of my invention.

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

1. The combination with a bedstead having angle iron side rails of a joint comprising a vertical plate secured to the bedpost and extending edgewise therefrom, a wing extending at a right angle from the body of said plate and to which is adapted to be secured the cross-piece of the bed, a back rest extending at a right angle from said plate, a seat and an aperture therethrough, an angle plate adapted to be secured to the under side of the bed rail in spaced relation with respect to the upper edge of the said rail, an aperture through said angle plate and communicating with the space between the upper portion of said angle plate and

the upper edge of the bed rail and through which the projection upon the first mentioned plate is adapted to pass, and a projection from the lower edge of said angle plate adapted to pass through the opening in said first mentioned plate.

2. The combination with a bed having angle iron side rails of a joint comprising a plate secured vertically to the bedpost, said plate having its bottom and rear edges turned at right angles to the plate to form a seat and back rest respectively, an extension from the upper edge of said plate and an aperture through said seat, an angle plate secured to the under side of the bed rail so that its upper side is spaced apart from the upper side of the bed rail, an opening through the upper side of the angle plate adapted to receive the said projection from the other plate, and a projection from the angle plate adapted to be received by the opening through the said seat in the first mentioned plate.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."