H. H. BUGELE.

BED AND CRIB COUPLING DEVICE.

APPLICATION FILED MAY 3, 1916.

1,229,221. Patented June 12, 1917.

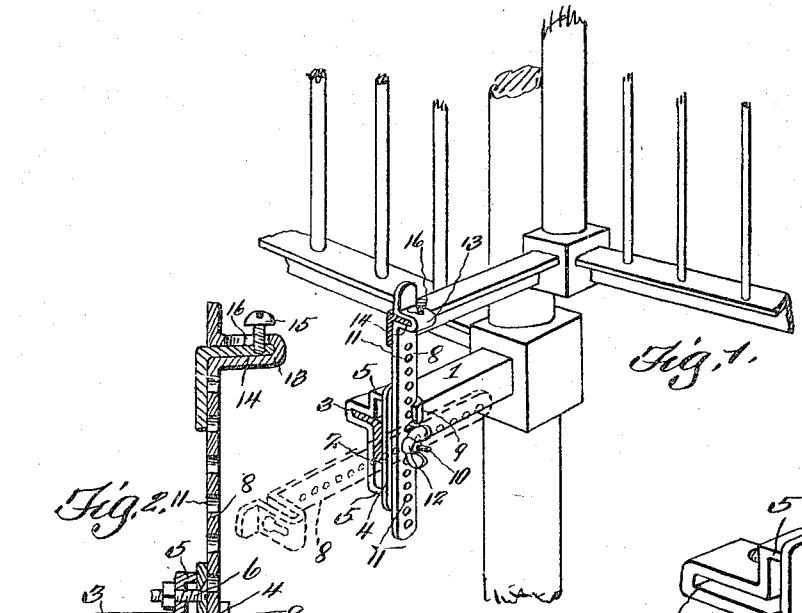


Fig. 1.

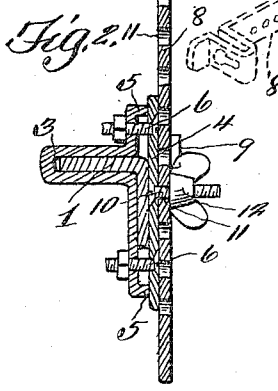


Fig. 2.

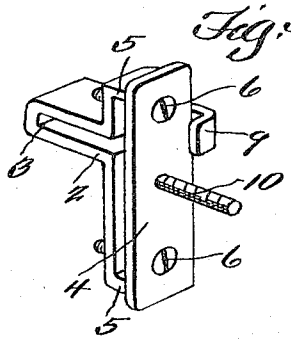


Fig. 3.

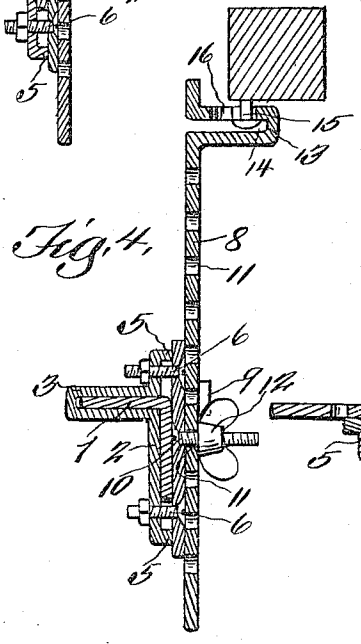


Fig. 4.

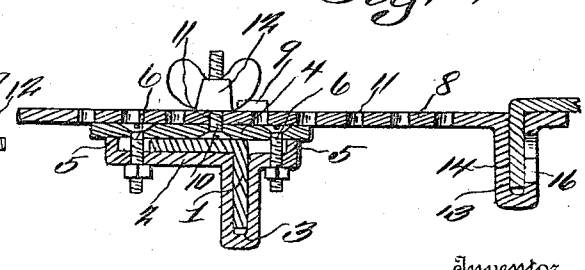


Fig. 5.

Witnesses

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BED AND CRIB COUPLING DEVICE.

1,229,221. Specification of Letters Patent. Patented June 12, 1917.

Application filed May 3, 1916. Serial No. 95,212.

To all whom it may concern:

Be it known that I, HUDSON H. BUGELE, a citizen of the United States, residing at St. Louis, State of Missouri, have invented new and useful Bed and Crib Coupling Devices; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to an improved crib and bed coupling device, more especially adapted for use in connection with the style of crib set forth, illustrated, and claimed in the patent to H. H. Bugele, issued May 4, 1915, Patent No. 1,138,451.

It will be found that cribs of the kind shown in said patent vary in height to the beds on the market, therefore making it difficult to connect the crib to the side rail of the bed by means of a strap as shown in said patent.

Therefore, it is the object of the present invention to provide a coupling device, whereby baby cribs may be attached conveniently to beds of different heights, the parts of the coupling device being adjustable in order to attain this result.

In practical fields the details of construction may necessitate alterations, falling within the scope of what is claimed.

The invention comprises further features and combination of parts, as hereinafter set forth, shown in the drawings and claimed.

In the drawings:

Figure 1 is a view in perspective of a portion of a baby crib and a part of a bed, showing the coupling device connecting the same.

Fig. 2 is a vertical sectional view.

Fig. 3 is a detail view of the clamp that is attached to the bed.

Fig. 4 is a view in section showing another manner of applying the coupling device.

Fig. 5 is a view in section showing another way for applying the device.

Referring more especially to the drawings, 1 designates the side rail of the bed, adjacent the inside of which, an inverted L-shaped plate 2 is arranged. This plate is provided with a bent loop portion 3 for the reception of the horizontal flange of the side rail of the bed. A clamping plate 4 is arranged adjacent the outer face of the side rail of the bed. The upper and lower end portions of the clamping plate 2 are provided with laterally extending flanges 5, against the edges of which the clamping plate 4 engages. These flanges 5 act to space the clamping plates 2 and 4 at an interval from each other, thereby permitting the vertical flange of the side rail of the bed to engage therebetween. Screw bolts pass through the upper and lower parts of the clamping plates 2 and 4 and are provided with nuts to hold the two plates securely in position. The screw bolts 6 have their heads countersunken in the plate 4, so that an upright plate 8 may engage flat against the outer face of the clamping plate 4, which is provided with a laterally extending angular lug 9 on one edge, to overlie the upright plate 8, to hold the upright plate in position. It is to be noted that the laterally extending angular lug 9 on the plate 4 will hold the upright plate either in a vertical position, or in a horizontal position, and when in a horizontal position, the plate 8 will be held flush with the upper face of the side rail of the bed. A screw bolt 10 passes through the clamping plate 4 having its head countersunken in the inner face of the plate 4, and is designed to pass through any one of the plurality of apertures or perforations 11 of the upright plate 8, in order to hold the plate 8 in various adjusted vertical positions, there being a nut 12 to hold the upright plate 8 tight against the clamping plate 4. The upper end portion of the upright plate 8 terminates in a laterally extending loop 13 into the recesses 14 of which the horizontal flange of the side rail of the crib may enter, so as to support the crib (one side of which is without legs, as in said patent aforesaid), there being a screw 15 passing through a slot 16 (which is key-hole shaped) in the upper part of the loop 13, thereby holding the crib in position. The crib may be supported in other manners as illustrated in the drawings.

The invention having been set forth, what is claimed as new and useful is:

1. A coupling device for a crib and bed comprising a pair of clamping plates, one being inverted L-shaped to engage the inside of the side rail of the bed, the other being flat to engage the exterior of the side rail of the bed, means for holding the clamping plates together, an upright adjustably connected to one of said clamping plates and having means at its upper end to engage and support the side rail of the crib.

2. A coupling device for a crib and bed

comprising a pair of clamping plates, one being inverted L-shaped to engage the inside of the side rail of the bed, the other being flat to engage the exterior of the side rail of the bed, means for holding the clamping plates together, an upright plate arranged adjacent the flat clamping plate, said upright plate having a series of apertures, means passing through the flat clamping plate and any one of the apertures of the upright plate to hold the upright plate in adjusted vertical positions, said upright plate having means at its upper end to engage the side rail of a crib for supporting the same.

3. A coupling device for a crib and bed comprising a pair of clamping plates, one being inverted L-shaped to engage the inside of the side rail of the bed, the other being flat to engage the exterior of the side rail of the bed, means for holding the clamping plates together, an upright adjustably connected to one of said clamping plates and having means at its upper end to engage and support the side rail of the crib, and means on one of the edges of the flat clamping plate to hold the upright plate in a horizontal position with one of its edges flush with the side rail of the bed when not in use, and assisting to hold the upright plate in vertical position when in use.

4. A coupling device for a crib and bed comprising a pair of clamping plates, one being inverted L-shaped to engage the inside of the side rail of the bed, the other being flat to engage the exterior of the side rail of the bed, means for holding the clamping plates together, an upright plate arranged adjacent the flat clamping plate, said upright plate having a series of apertures, means passing through the flat clamping plate and any one of the apertures of the upright plate to hold the upright plate in adjusted vertical positions, said upright plate having means at its upper end to engage the side rail of a crib for supporting the same, one edge of the flat clamping plate having a laterally extending angular lug to overlie one edge of the upright plate and assist in holding the same in a vertical position when in use, said lug acting to hold the upright plate in a horizontal position with one of its edges substantially flush with the side rail of the bed when not in use.

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

HUDSON H. BUGELE.

Witnesses:
O. J. KLEIN,
EUGENE UEBAN.

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