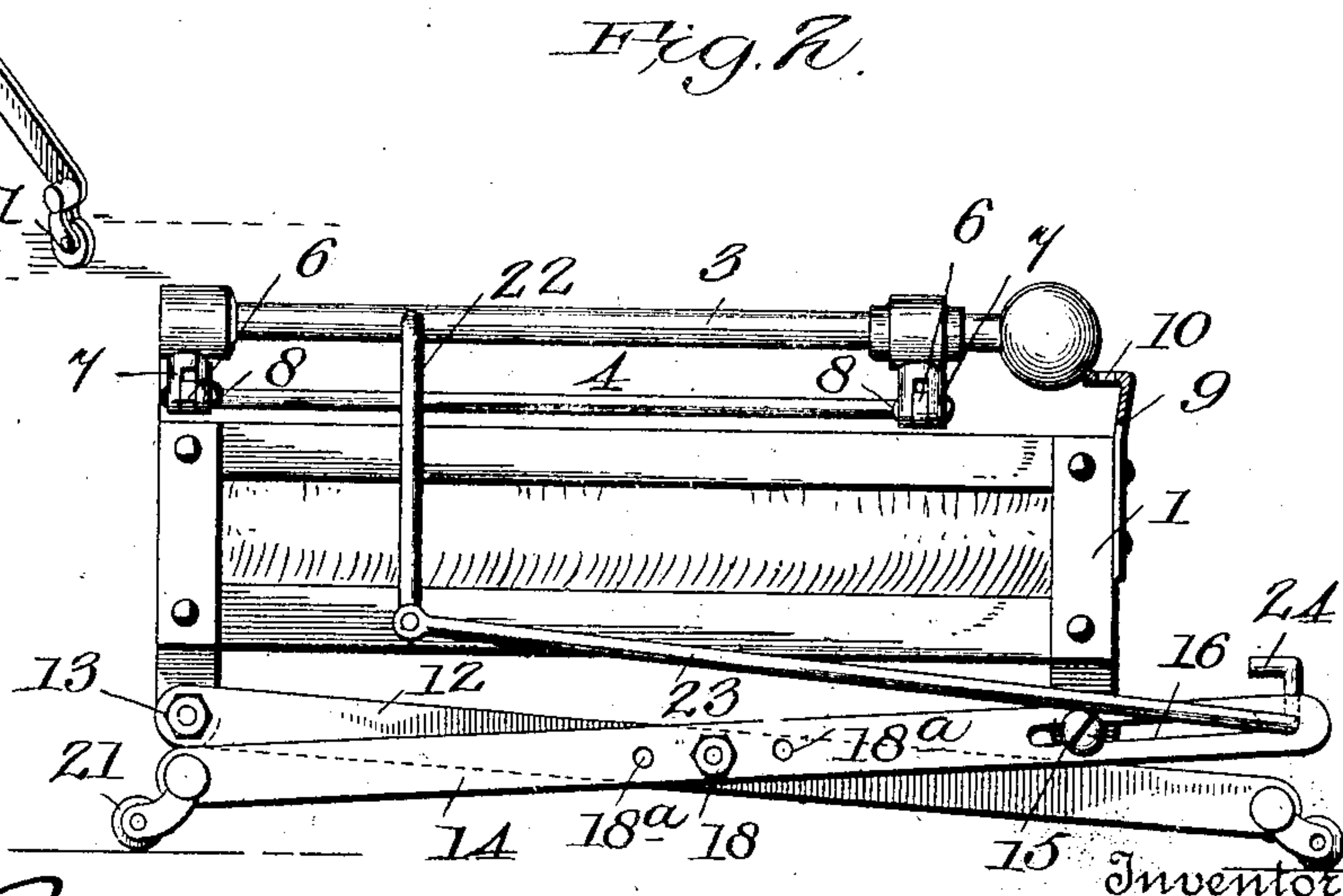
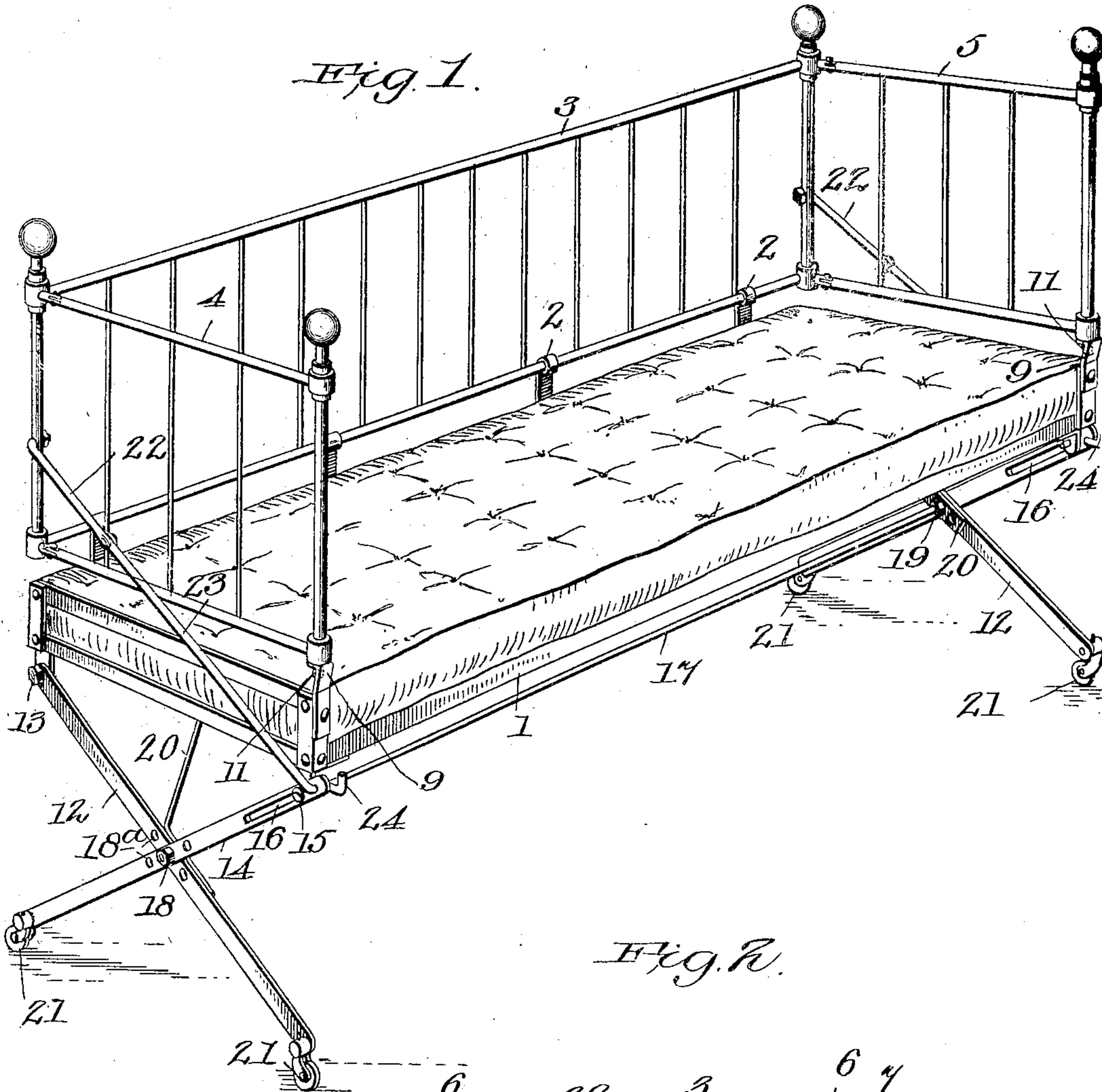


No. 810,573.

PATENTED JAN. 23, 1906.

F. C. SCHOFIELD.
COLLAPSIBLE BED OR SIMILAR FURNITURE.

APPLICATION FILED APR. 29, 1905.



Witnesses

Geo. A. Byrne.
Stephen Kinsten

F. C. Schofield
By Wilkinson & Fisher
his Attorneys

UNITED STATES PATENT OFFICE.

FREDERICK C. SCHOFIELD, OF WASHINGTON, DISTRICT OF COLUMBIA.

COLLAPSIBLE BED AND SIMILAR FURNITURE.

No. 810,573.

Specification of Letters Patent.

Patented Jan. 23, 1906.

Application filed April 29, 1905. Serial No. 258,081.

To all whom it may concern:

Be it known that I, FREDERICK C. SCHOFIELD, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Collapsible Beds and Similar Furniture; 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 improvements in collapsible beds, more especially designed for use as a child's crib.

The principal object of the invention is to support a body portion by collapsible legs, the said body portion being provided with foldable means comprising side and end members operatively connected with the collapsible legs to conjointly operate therewith, means being provided, however, for holding said foldable means locked when distended to their open position.

To more fully describe the invention, reference is had to the accompanying drawings, illustrating an application of same, in which like figures designate the same parts in the two views, and in which—

Figure 1 is a perspective view of the bed in its open position, and Fig. 2 is an end view of same in its folded and collapsed position.

1 designates the body portion, preferably comprising a framework adapted to receive and support a mattress or suitable cushion. Foldably secured to the said body portion, as by means of the hinged connections 2, is a longitudinal member 3, preferably in the form of a rail, and to this longitudinal member is foldably secured the end members 4 and 5, also preferably in the form of a rail, in any suitable manner, so as to swing inwardly upon said longitudinal member. As illustrated, the connection between the end members and the longitudinal member may be made by reducing one end 6 of the top and bottom rails of the end members and fitting same within slotted members 7 on the end posts of the longitudinal member and passing pivot-pins 8 through same.

9 designates a pair of clips secured at the forward ends of the body portion and provided with an aperture 10 to receive locking-

pintles 11, formed on the bottom of the posts of the end rail members.

12 represents forwardly - extending legs pivotally connected at their upper ends to the rear ends of the body portion by suitable pivotal connections 13.

14 represents rearwardly - extending legs secured to the forward ends of the base member by suitable sliding connections, which may, as illustrated, comprise headed pins 15 on the body portion engaging within slots 16, cut in the legs. Each pair of these legs cross each other and are pivotally connected together on a suitable axis, which may, as shown, comprise the longitudinally-extending stay-rod 17, screw-threaded at its ends to receive the nuts 18 19. These legs are provided with a plurality of apertures 18^a, extending longitudinally thereof, whereby the pivotal axis may be changed, if desired.

20 designates brace-rods secured at their lower ends to the inner legs 12 and at their upper ends suitably secured to the rear of the body portion. The legs may be provided with rollers or casters 21.

The longitudinal foldable member is operatively connected with the collapsible legs in any suitable manner, and for the purpose of illustration I have shown stay-rods connecting same, which are preferably in the form of jointed elbow-rods, the short arms 22 of which are pivotally secured to the end posts of the longitudinal member and are of such a length, as shown in Fig. 2, as not to come in contact with the floor when the bed is collapsed. The long arms 23 of the elbow-rods are bent at right angles and freely pass through apertures in the upper ends of the legs 14, terminating in hooked portions 24.

As shown in Fig. 1, when the bed is distended in its open position the pintles 11 rest in the apertures 10 of the clip members 9, which also holds the longitudinal member 3 rigidly in its upright position, and this latter member being connected with the collapsible legs through the stay-rod also holds said legs rigidly in their open position. When the pintles 9 are sprung out of the apertures 10, the end members 4 and 5 are folded inwardly upon the longitudinal member 3, and all three members are folded on the base portion simultaneously with the collapsing of the legs,

when the parts will assume the position shown in Fig. 2. When in the position shown in Fig. 1, it will be readily observed that the bed may be placed with its unprotected side 5 alongside a larger bed, and, if desirable, the hooked ends 24 may engage the side rail or other means on the large bed to prevent displacement of the two beds relatively to each other. Also, if desired, the bed may be 10 swung around and the unprotected side placed against a wall, so that the child will be protected from falling out. When the bed is folded into the position shown in Fig. 2, it is obvious that the same may be readily stored, 15 like a trundle-bed, under a larger one. It will also be observed that the degree of spread of the collapsible legs will be regulated by the position of the pivot-pin with respect to the apertures in the cross-legs, so that the bed 20 may be readily adjusted to open to any desired height within reasonable limits.

While the invention has been described as especially applicable as a child's crib, it will be understood that it is not the intention to 25 limit the same to this use, as the invention may be applied to other forms of beds, sofas, or similar articles of furniture. It will also be understood that I do not limit myself to the exact details illustrated and described, 30 as changes and modifications might be made without departing from the spirit of the invention.

What I claim is—

1. In a bed, sofa, or similar article of furniture, the combination with a body portion, of 35 collapsible legs therefor, foldable means comprising operatively-connected longitudinal and end members, means for holding said end members locked in their opened positions, and stay-rods connecting said collapsible 40 legs and foldable means.

2. In a bed, sofa or similar article of furniture, the combination with a body portion, of 45 collapsible legs therefor, foldable means comprising operatively-connected longitudinal and end members, means for holding said end members locked in their opened positions, and jointed elbow stay-rods connecting said collapsible legs and foldable means.

3. In a bed, sofa or similar article of furniture, the combination with a body portion, of collapsible legs therefor, foldable means 50 comprising operatively-connected longitudinal and end members, pintles formed on the end posts of said end members, apertured members adapted to receive said pintles and hold said end members in their opened position, and stay-rods connecting said collapsible 55 legs and foldable means.

4. In a bed, sofa, or similar article of furniture, the combination with a body portion, of 60 collapsible legs therefor, a foldable longitudinal member, foldable end members connect-

ed thereto, means for holding said end members locked in their opened positions, and 65 stay-rods connecting said collapsible legs and longitudinal member.

5. In a bed, sofa or similar article of furniture, the combination with a body portion, of collapsible legs therefor, a foldable longitudinal 70 member, foldable end members connected thereto, means for holding said end members locked in their opened positions, and stay-rods connecting said collapsible legs and longitudinal member and terminating in 75 hooked extensions at their lower ends.

6. In a bed, sofa or similar article of furniture, the combination with a body portion, legs pivoted to the rear ends of said body portion and extending forwardly thereof, rear- 80 wardly-extending legs pivoted to said first legs, a sliding connection between the forward ends of said body portion and the upper ends of said rearwardly-disposed legs, a foldable longitudinal member, foldable end 85 members connected thereto, means for holding said end members locked in their opened positions, and stay-rods pivotally connected to said longitudinal member and said rearwardly-disposed legs. 90

7. In a bed, sofa or similar article of furniture, the combination with a body portion, legs pivoted to the rear ends of said body portion and extending forwardly thereof, rear- 95 wardly-extending legs pivoted to said first legs, a pin-and-slot connection between the forward ends of said body portion and the upper ends of said rearwardly-disposed legs, a foldable longitudinal member, foldable end 100 members connected thereto, means for holding said end members locked in their opened positions, and stay-rods pivotally connected to said longitudinal member and said rearwardly-disposed legs.

8. In a bed, sofa or similar article of furniture, the combination with a body portion, 105 legs pivoted to the rear ends of said body portion and extending forwardly thereof, rearwardly-extending legs pivoted to said first legs, means for changing the pivotal connecting-axis of said legs, a sliding connection between the forward ends of said body portion and the upper ends of said rearwardly-disposed legs, a foldable longitudinal member, 110 foldable end members connected thereto, means for holding said end members locked in their opened positions, and stay-rods pivotally connected to said longitudinal member and said rearwardly-disposed legs. 115

9. In a bed, sofa or similar article of furniture, the combination with a body portion, 120 legs pivoted to the rear ends of said body portion and extending forwardly thereof, rearwardly-extending legs pivoted to said first legs, means for changing the pivotal connecting-axis of said legs comprising a plurality of 125

apertures extending longitudinal of said legs,
a sliding connection between the forward
ends of said body portion and the upper ends
of said rearwardly-disposed legs, a foldable
5 longitudinal member, foldable end members
connected thereto, means for holding said
end members locked in their opened posi-
tions, and stay-rods pivotally connected to

said longitudinal member and said rear-
wardly-disposed legs.

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

FREDERICK C. SCHOFIELD.

Witnesses:

CHARLES W. HANDY,
D. M. EDWARDS.

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