No. 854,441. PATENTED MAY 21, 1907.

N. P. THOMPSON.

BABY FOLDING BED.

APPLICATION FILED JAN. 2, 1907.

2 SHEETS—SHEET 1.

Fig. 1

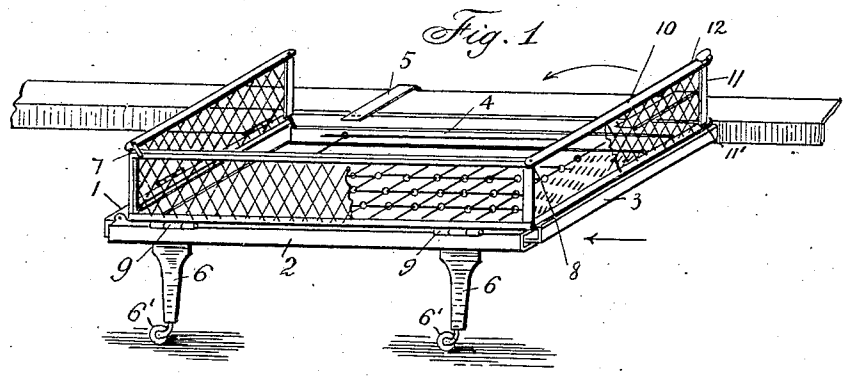


Fig. 2

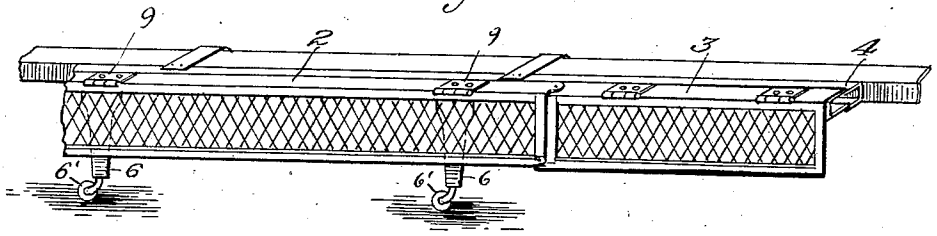


Fig. 3

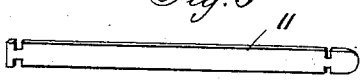


Fig. 4

WITNESSES

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Fig. 5

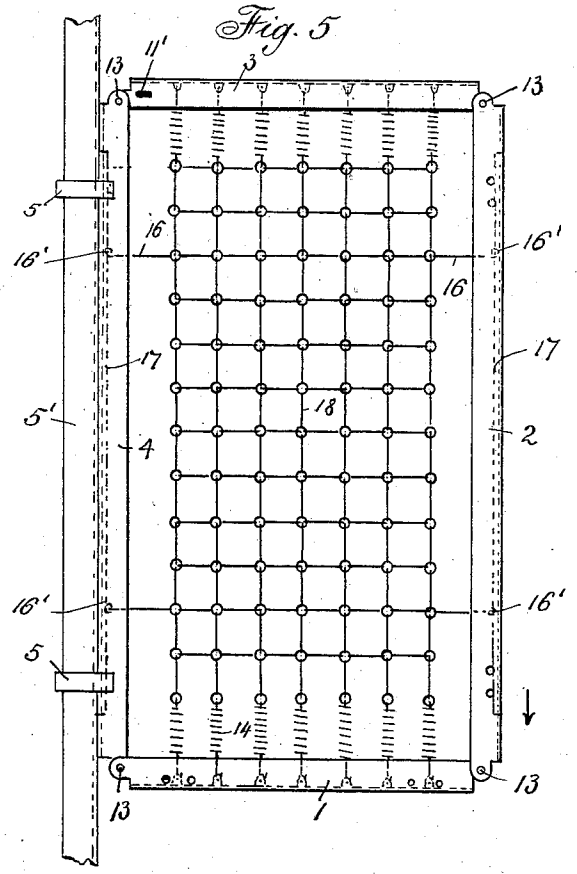
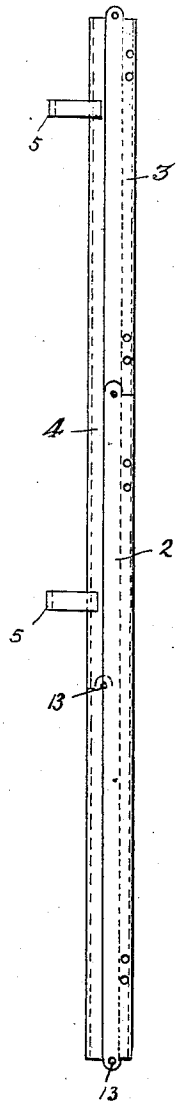


Fig. 6



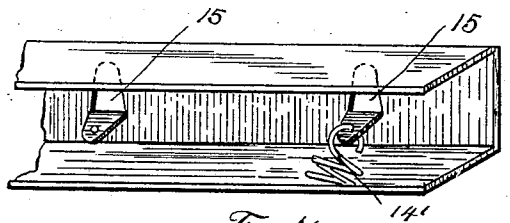


Fig. 7

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BABY FOLDING BED.

No. 854,441. Specification of Letters Patent. Patented May 21, 1907.

Application filed January 2, 1907. Serial No. 350,440.

To all whom it may concern:

Be it known that I, NELS PETER THOMPSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Baby Folding Bed, of which the following is a clear and accurate specification.

My invention relates particularly to cribs or beds for infants, which are attached to the side of an ordinary bedstead, whereby the parent is enabled to conveniently watch and observe the child during the night. This object is accomplished by the peculiar construction of the baby folding bed, which is so arranged that when not in use it can be folded into a small space along-side of the bedstead to which it is attached.

It has been the further object of this invention to improve and simplify the construction in such a way, that it can be easily prepared in the evening and also readily folded in the morning, without becoming unsightly and without taking up valuable space.

The improvements of this invention consist principally in features of convenience and practicability of use.

The various details of my invention by means of which the above mentioned objects have been accomplished will be hereinafter fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims.

In the drawings; Figure 1, represents the perspective view of the baby folding bed ready to receive the bedding, with the inclosure wires partly removed and showing part of the bedspring; Fig. 2, is a perspective view of the invention in its folded position along-side of an ordinary bedstead; Fig. 3, is a detail of the locking strap by means of which the side frame is locked and held in its elevated position; Fig. 4, is a detail of the folding frame showing the method of jointing the separate parts; Fig. 5, is a plan view of the folding frame and spring, moved into position and attached to the longitudinal bar of an ordinary bedstead. Fig. 6, represents the folding frame in its folded position, and detached from the bedstead, and Fig. 7, is a perspective detail of one of the channel bars of the folding frame showing the method of hinging the spring within the channel.

Similar numerals refer to similar parts throughout the several views.

In Fig. 1 is shown the frame which consists of suitable light weight channels 1, 2, 3, and 4. This frame is attached to the side of an ordinary bedstead by means of flat iron straps 5. These straps are connected to channel 4 by riveting and are provided on their extreme end with a bend by means of which they are hooked over the longitudinal frame 5′ of the bedstead. On its outward channel 2 the frame is supported by two substantial legs 6, which are provided with casters 6′.

On the three outward sides of the frame, are located three inclosures, which when put into the elevated position surround the bedding and leave only the fourth side of the frame adjacent to the larger bedstead open and perfectly free of access. The inclosing frame is hinged together by means of a ring hinge 7 and an ordinary pivot hinge 8. It is secured to channel 1 and 2 by means of regular door hinges 9 while its third side 10 is locked in the elevated position by means of strap lock 11, a detail of which is shown in Fig. 3. This strap lock fits into a corresponding slot 11′ in channel 3 and also in the upper frame bar 12 of frame 10. When the strap lock is inserted into the slot 11′ in channel 3, it is only necessary to turn it 90 degrees around its axis, which secures the inclosure in the elevated position. To swing the inclosure into its downward position, strap lock 11 is withdrawn and the third side 10 of the inclosure can then be folded against the front or second side of the same inclosure and as soon as the bed frame has been straightened into the position shown in Fig. 2, it can be swung downward in its hinges 9. When in this position it is entirely out of the way, takes up very little room and does not offer objectionable obstructions of any kind. The main frame is readily folded against the long-side of the bedstead in the following manner. When the inclosure has been let down as above described, it only remains to move the main frame in the direction as indicated by arrow. The short channel piece 3 will then be moved against the bedstead bar 5′ while the short channel 1 folds partly over and partly into channel 4. All three channels, that is channel 1, 2 and 3 swing around their pivots 13 and the outer channel 2 folds partly into channels 1 and 4, where-upon the complete frame assumes the position shown in Fig. 6.

The center part of the spring mattress 18 is made preferably of wire, clasped together in sections as shown in Fig. 5. On both ends

springs 14 are attached to it, in order to give it the necessary elasticity. The ends of channels 1 and 3 are provided with inwardly extending lugs 15 to which the ends of spring 14 are hooked as shown in Fig. 7.

In order that the spring mattress may allow the folding together of the frame and follow the latters movement, it is connected by means of connecting wires 16 to a corresponding rod 17, which is concealed within channels 2 and 4. The connecting wire 16 is bent into a loop 16′ by means of which it clasps rod 17, sliding back and forth upon the same as may be required during the movement of the main frame. Rods 17 are secured within channels 2 and 4 in such a way that the loops 16′ may slide upon same without meeting obstruction.

It will also be apparent that the complete baby folding bed can easily be entirely detached from the bedstead by unhooking the flat iron straps 5 from the longitudinal bedstead bar 5′. It will thus be seen that this baby folding bed can be attached to any ordinary bedstead; it can be placed in position very readily preparatory to receiving the bedding, and owing to the fact that its inclosure is attached to it and so arranged that when in its elevated position it leaves the side of the folding bed, adjacent to the bedstead without obstruction, it offers the greatest possible convenience in practical use.

I am aware that baby folding beds have been constructed, heretofore, and therefore I do not claim such an invention broadly; but

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

1. The combination, in a baby folding bed, of a main folding frame, consisting of four channels suitably jointed and adapted to fold the end channels in the same direction and bring the side channels thereof into close contact with each other, with legs 6 fastened to the outward channel 2 and provided with casters 6′, and straps 5 secured with channel 4 and adapted to be fastened to the frame of an ordinary bedstead, substantially as described.

2. The combination, in a baby folding bed, of a main folding frame consisting of a plurality of channels pivotally engaged together and adapted to fold into parallel relation, with legs 6 fastened to the outward channel 2 and provided with casters, straps 5 by means of which one side of the said folding frame may be fastened to and supported by a bedstead, a wire spring mattress 18, and means adapted to adjustably secure the said spring mattress with the folding frame, substantially as described.

3. The combination, in a baby folding bed, of a main folding frame consisting of two long and two short channels pivotally engaged together, a rod engaged in each of the long channels and a spring mattress slidably engaged on said rods.

4. The combination, in a baby folding bed, of a main folding frame constructed of channel iron, with a wire spring mattress, a plurality of rolling legs, means to support and fasten the said folding frame to a bedstead, means for locking said frame in open position, means adjustably engaging said mattress to the frame and permitting it to fold into the channels of said folding frame when the latter is folded together, an inclosure consisting of three sides, so hinged to the said folding frame that it can be dropped down and folded with the frame, in a manner and substantially as described.

5. The combination, in a baby folding bed, of a main folding frame, with a wire spring mattress, a plurality of rolling legs, means whereby the said frame may be supported by and fastened along-side of an ordinary bedstead, means whereby the wire mattress is made to fold within the said channels when the folding frame is closed, an inclosure consisting of three sides, so hinged to the said folding frame that it may be elevated and dropped down along-side of the frame when the latter is moved into its folded position and a locking strap 11 adapted to secure the said inclosure in its elevated position with and upon the said folding frame, substantially as described.

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

NELS PETER THOMPSON.

Witnesses:
J. C. GOOSMANN,
A. PRAZSKY.