June 24, 1924. 1,498,633

R. E. LEWIS

BABY BED

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Fig. 1.

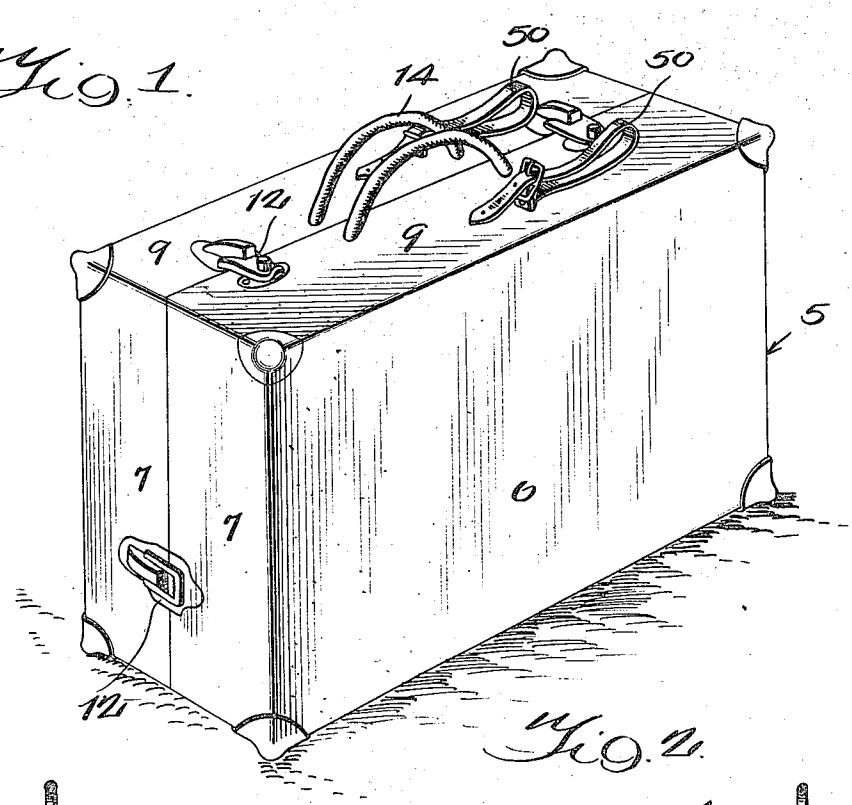
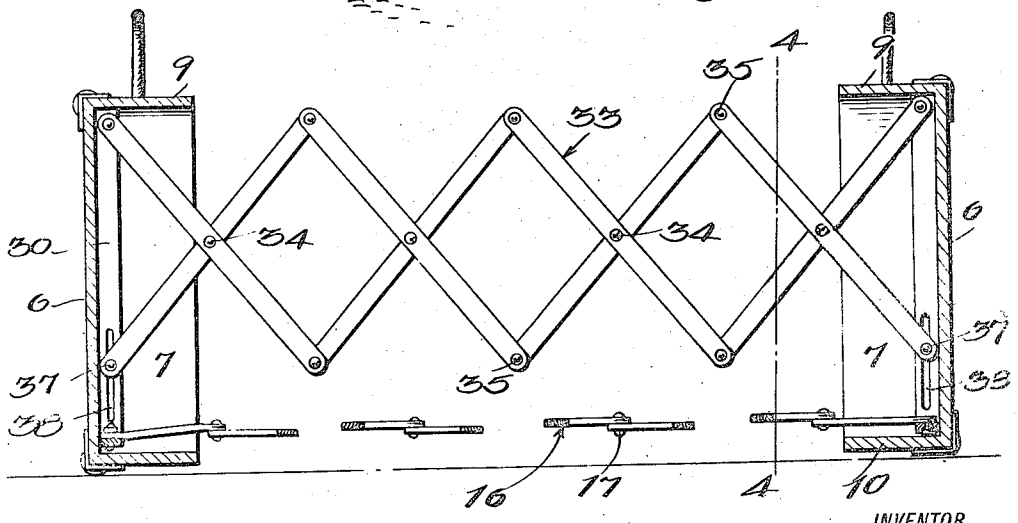


Fig. 2.



WITNESSES

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Fig. 3.

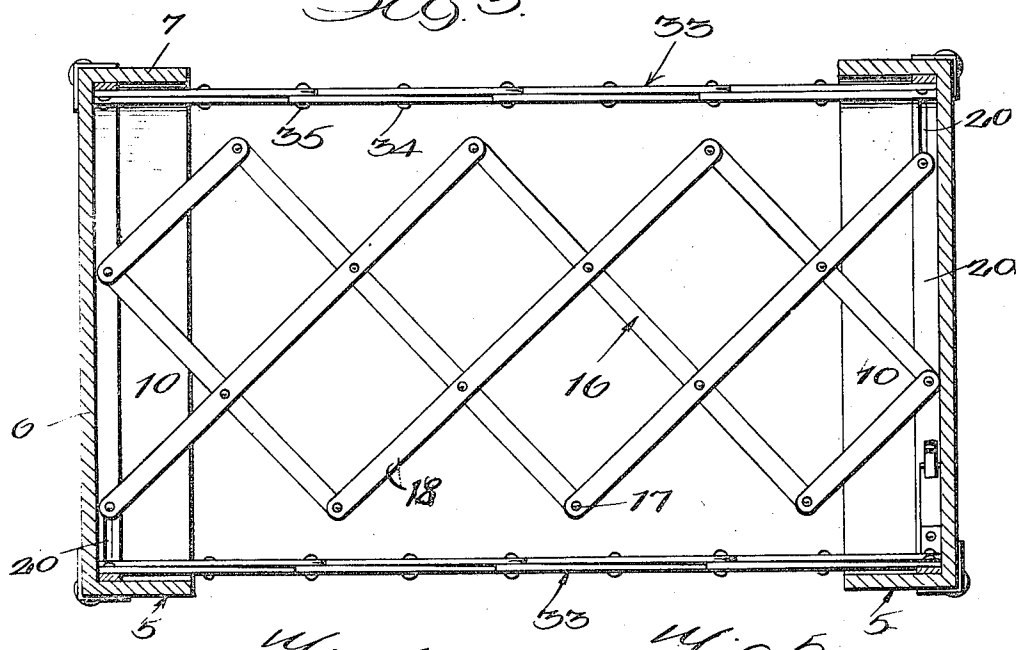


Fig. 4

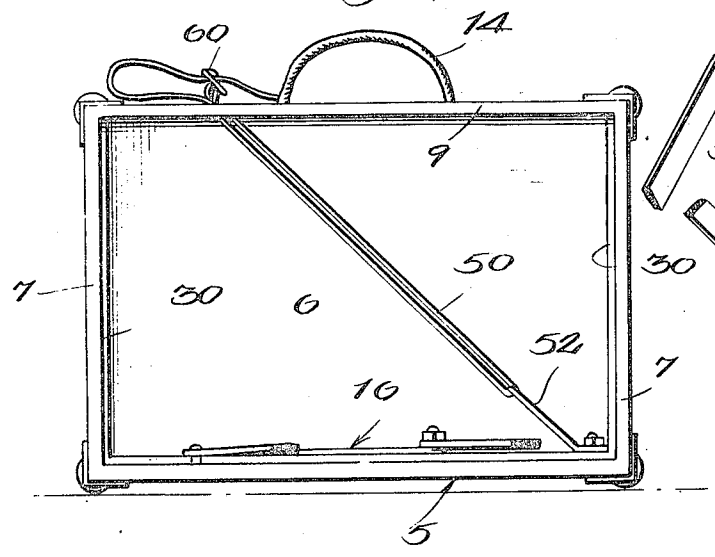
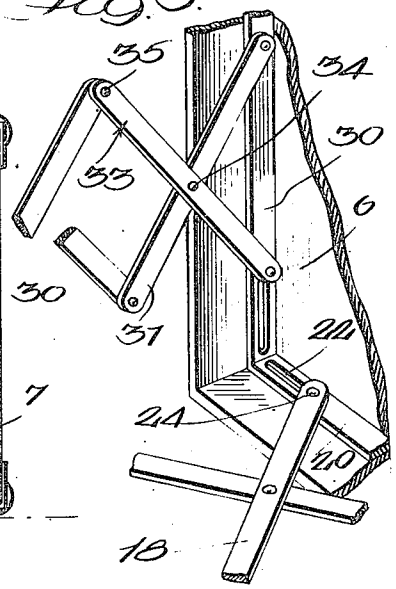


Fig. 5.



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UNITED STATES PATENT OFFICE.

ROY E. LEWIS, OF ATLANTA, GEORGIA.

BABY BED.

Application filed September 6, 1922. Serial No. 586,473.

To all whom it may concern:

Be it known that I, ROY E. LEWIS, a citizen of the United States, and resident of Atlanta, in the county of Fulton and State of Georgia, have invented certain new and useful Improvements in Baby Beds, of which the following is a specification.

This invention relates to collapsible beds especially adapted for use by infants and small children.

Briefly stated an important object of this invention is to provide a collapsible bed for infants having novel means whereby the same may be extended to its operative position for simultaneously exposing the bed clothing or other articles used by babies.

A further object is to provide a collapsible bed which may be conveniently carried so that when one is traveling with an infant the collapsible bed may be extended for use at any time.

Further the invention forming the subject matter of this application aims to provide a collapsible bed which is safe, durable in use and cheap to manufacture.

Also an object of the invention is to provide a collapsible bed which resembles a small suit case when collapsed and which may be conveniently suspended from the robe rail of the automobile or which may be mounted on the seat of a Pullman car.

Other objects and advantages of the invention will be apparent during the course of the following description.

In the accompanying drawing, forming a part of this application and in which like numerals are employed to designate like parts throughout the same,

Figure 1 is a perspective of the improved collapsible bed,

Figure 2 is a vertical longitudinal sectional view through the bed extended for use,

Figure 3 is a horizontal sectional view through the bed, extended for use,

Figure 4 is a vertical transverse sectional view taken on line 4—4 of Figure 2,

Figure 5 is a fragmentary perspective of the bed opened.

In the drawing wherein for the purpose of illustration is shown a preferred embodiment of the invention the numerals 5 designate two end members which when positioned as illustrated in Figure 2 resembles a suitcase or the like and as illustrated in Figures 2 and 3 the end members 5 are provided with backs 6, side walls 7 and top and bottom walls 9 and 10 respectively. When the sections 5 are arranged in their opposed relation and in contact with each other as illustrated in Figure 1, fastening devices 12 may be employed for detachably connecting the end members and handles 14 may be employed as a means of gripping the improved collapsible bed when it is desired to carry the same.

The bottom of the bed consists of an extensible member 16 in the nature of a toggle arm and as well known the toggle arm consists of a plurality of links 18 pivoted as indicated at 17. In carrying out the invention the toggle links 18 are pivotally connected to the combined attaching and reinforcing bars 20 arranged within the end members. Figure 5 illustrates that one terminal link of each toggle arm is formed with a pivot pin 24 slidable within a slot 22 in the attaching bar 20 whereby the toggle arm may be collapsed when desired. That is to say when it is desired to position the bed as illustrated in Figure 1 the end members are moved together and the pivot pins 24 of which there may be two are moved to the outer portions of the slots 22.

Figure 5 further illustrates that the combined attaching and reinforcing member 20 which is of U-shaped formation is provided with upstanding sides 30 to which the terminal links 31 of the side members 33 are connected. The side members 33 consist of a plurality of toggle links pivotally connected as indicated at 34 and 35 and one terminal link at each end of each toggle arm may be slidably and pivotally connected to the side branches 30 through the medium of pivot pins 37 slidable in vertical slots 38 in the branches 30.

Attention is directed to the fact that the U-shaped bars 20 flatly contact with the backs 6 and with the end bottom wall of the end members whereby to effectively brace and strengthen the same, all of which contributes to the strength and utility of the invention.

The improved bed may be mounted on any flat surface or approximately flat surface such as the seat of a Pullman car. Or if desired the improved baby bed may be connected to the robe rail of an automobile or the like through the medium of attaching straps 50 extended diagonally through the end members and anchored through the medium of attaching irons 52 to the lower cor-

ners of the end members. It will be seen that each attaching strap 50 has its intermediate portion passed through the attaching or anchoring member 52 and one end portion of each strap is provided with a buckle 60 by means of which the effective length of the strap may be varied. It will be seen that the portion of the strap extended through the top wall of each end member forms a rather small loop by means of which the end members may be connected to a suitable support such as the robe rail of an automobile.

In summarizing, it might be stated that this invention consists of a simple and novel means whereby to form an extensible bed for infants and in providing the diagonally extending straps 50 which extend out through the top walls of the end members and form small loops by means of which the bed may be supported.

It is to be understood that the form of the invention herewith shown and described is to be taken as the preferred example of the same and that such minor changes in arrangement and construction of parts may be made as will remain within the spirit of the invention and the scope of what is claimed.

I claim:—

1. A portable collapsible crib comprising a pair of similarly constructed end members adapted to be brought together to define an approximately satchel-shaped receptacle, combined attaching and reinforcing bars arranged within said end members, extensible occupant supporting and protecting members connected to said combined attaching and reinforcing bars and adapted to be entirely received in said end members when the cradle is folded, and attaching members extending diagonally through said end members and extending out through the top walls of the same, the extended portions of said attaching members being formed with means whereby the crib may be attached to a support.

2. A portable collapsible crib comprising a pair of similarly constructed end members adapted to be brought together to define an approximately satchel-shaped receptacle, combined attaching and reinforcing bars arranged within said end members, extensible occupant supporting and protecting members connected to said combined attaching and reinforcing bars and adapted to be entirely received in said end members when the cradle is folded, and attaching members extending diagonally through said end members and extending out through the top walls of the same, the extended portions of said attaching members being formed with means whereby the crib may be attached to a support, the adjacent portions of said end member being provided with coacting fastening devices by means of which the end members may be securely joined.

3. A collapsible bed for infants comprising end members having top, end and bottom walls, combined attaching and reinforcing bars arranged within said end members, and having side branches embracing said end walls, an extensible occupant supporting member having toggle links slidably and pivotally connected to said combined attaching and reinforcing bars, side members having toggle links pivotally connected to said combined reinforcing and attaching bars, means whereby the end members may be detachably connected for forming a receptacle, and attaching straps extending diagonally through said end members and extending out through the top walls of the same, the extended portions of said attaching straps being formed with means whereby the bed may be attached to a rail.

4. A collapsible bed for infants comprising end members, occupant supporting and protecting means connected to said end members, anchoring members arranged in certain of the corners of said end members, and attaching straps secured to said anchoring members and extending diagonally through the end members, said straps being extended through the upper sides of said end members and formed with means whereby the bed may be attached to the robe rail of an automobile.

ROY E. LEWIS.