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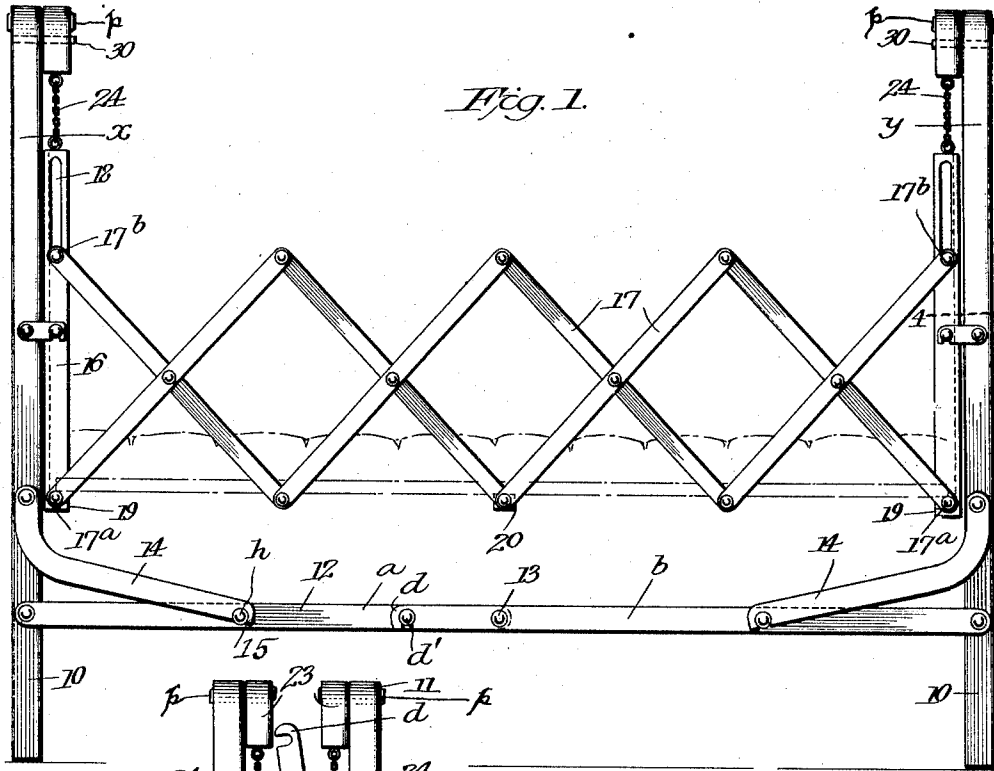
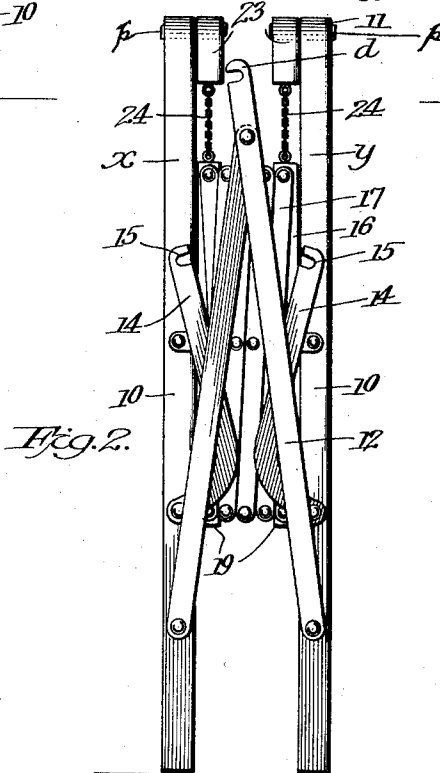
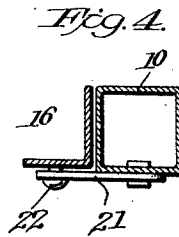
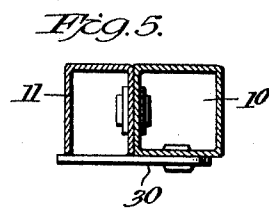
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1,732,008

COLLAPSIBLE CRIB

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2 Sheets-Sheet 1



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COLLAPSIBLE CRIB

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The present invention is a collapsible crib with the lounge or bed portion thereof mounted on the bedstead to have a swinging movement.

5 The object of the present invention is to provide a crib of the above stated character which is extremely simple and durable and easily folded or extended for use, and which may be packed away in a small space, rendering it desirable for tourists and the like. One of the features of the invention resides in means for detachably connecting the folded bed portion of the crib to the end members of the supporting frame or bedstead to render the same substantially rigid therewith when desired and which permits the bed portion to be extended and folded simultaneously with the extension or folding of the end members of the frame.

20 Other purposes and means of the invention, more or less specific than those referred to above will be in part obvious and in part pointed out in describing the elements, combination and arrangement of parts and application of principles constituting the invention, and the scope of protection contemplated will be indicated in the appended claims.

In this specification and the annexed drawings, the invention is disclosed in the form in which it is considered to be the best, but the invention is not limited to such form because it is capable of being embodied in other forms; and it is to be understood that in and by the claims following the description herein it is intended to cover the invention in whatever form it may embody within the scope thereof.

40 In the drawings which show the preferred embodiment of the invention as at present devised:

Figure 1 is a side elevation of the crib in open or extended position;

45 Figure 2 is a side elevation of the crib in closed or folded position;

Figure 3 is a transverse sectional view of the crib as shown in Figure 1;

50 Figure 4 is a sectional view taken on line 4-4 of Figure 1;

Figure 5 is a sectional view taken on line 5-5 of Figure 3;

Figure 6 is a transverse sectional view illustrating a modified construction of the crib end member and latch means between it and the supporting frame; and

Figure 7 is sectional view taken on line 7-7 of Figure 6.

Throughout the specification and drawings, like characters denote similar and like parts wherever referred to.

Referring particularly to the drawings, the crib comprises four upright posts 10 defining the corner posts of the usual bed or crib in a manner well understood, two of the posts being at one end of the crib x and two at the other end y , each suitably spaced apart. The posts at each end of the bed are held in fixed spaced relation in any suitable means, such as, for instance, the top bar 11 and cross bars 11^a secured at their opposite ends to the posts, respectively, thus forming the bed supporting ends. The bed ends are connected together by collapsible side rails 12, each composed of sections a and b hinged together at their inner ends and having their outer ends pivotally connected respectively, to the opposite side posts 10 of the end members x and y of the supporting frame, as clearly illustrated in the drawings. Thus, a bedstead is provided which may be collapsed by breaking toggle joint, at 13, of the side rails 12. One of the sections of the side rails 12 is provided with an extension c formed with a hook d to engage a stud or the like d' on the other side rail section to prevent the toggle joint from being broken except by an upward movement of the sections a and b , as will be readily understood. In order to avoid against accidental upward movement of the sections a and b , which will cause a collapse of the end members x and y of the frame, brace members 14 are provided in the form of links 14, one pivoted at one end to each of the posts 10 above the side rails 12 and having the other end formed with a hook or other suitable element 15 to engage a projection h on the side rail members, as clearly shown in the drawings.

It will thus be manifest that the end members x and y of the crib or bed frame may be moved toward each other in close relation by first disengaging the link 14 from the members 15 and in breaking the toggle joint at 13 with an upward movement.

The bed frame just described supports a swingable crib which comprises end members 16, of any suitable construction. These end members 16 are connected by upstanding side rails or guards which are here shown as comprising slats or bars 17 secured together in a lazy-tong construction. The ends of each side guard are pivotally secured to opposite side edges of the end members 16, one end of these pivots of the side guards being slidably mounted in a slot 18, preferably provided in the upper portion of each end member 16 as clearly illustrated in the drawings. The bottom of the crib may be of any suitable construction or material which will rest upon the lateral projecting abutments 19 at the lower edges of the members 16 and upon the transverse slat 20 connected to a medial portion of the lower edge of the guard as clearly shown in the drawings. The bottom will preferably fold on a transverse medial rail to occupy the space between the end members 16 when the crib is folded, which space will also be occupied by the mattress.

The bed portion or the crib, just described, is suspended from cross bars 23, one pivoted intermediate its ends at p , to a central portion of upper ends of the supporting end members x and y , respectively. The bars 23 are substantially coextensive with the width of the frame end members x and y , and, in the form of the invention shown in Figures 1 and 2, support the crib by flexible connecting members, such as chains 24, extending from the ends of the bars 23 and connected to the end members 16 of the crib.

It will thus be clearly manifest that the crib may be rocked with a lateral oscillating movement and may be moved to folded position, shown in Figure 2, by reason of the lazy-tong construction of the side guard.

Means are provided to render the end members 16 of the bed portion rigid with the bed supporting frame in order to prevent a rocking movement and, in Figures 1, 2 and 4, consists of a hook 21 and eye 22 connection between the frame ends x and y and the crib end 16, while in the form of the invention shown in Figures 6 and 7 this means comprises a rotatable shaft 26 mounted in the end posts 10 and having a lug 27 on its inner end to engage and lock in a corresponding slot 28 in the end members 16, the outer end of the shaft 26 having a finger piece 29. This means, just described, aside from holding the bed or crib rigid

with the frame against swinging movement, also serve to unfold or extend the crib simultaneously or in unison with the extension or unfolding of the end x and y of the supporting frame.

The flexible connections 24 permit the crib section to be shaken or jiggled in contradistinction to the oscillating swinging movement, just described, and for this purpose lugs 30 are pivotally mounted on the bars 11 of the members x and y to be moved in the path of movement of the bars 23, so as to hold said bars in a fixed normal position against movement.

In Figure 6 a modified form is shown wherein the bar 23^a, corresponding to the bar 23 in Figures 1, 2, and 3, has downwardly extending ends which are secured or integral with the end or panel members 16^a of the crib.

From the above description, it is obvious that a very useful and desirable crib has been provided of simple and durable construction which may be collapsed or folded in compact form to occupy a very limited space and which at the same time incorporates in a crib of the bed type, a horizontal swinging movement which is very desirable. The construction also permits a simple shaking or jiggling of the crib independently of the swinging movement, and also permit the crib to be made rigid at will to the bedstead or frame, as well as permitting both the crib and bedstead to be extended or collapsed in unison by one operation.

Having thus described the invention, what is claimed as new is:

1. A bed of the type described comprising a bedstead having upright supporting ends and collapsible side rails connecting said ends, a crib disposed between said ends and said rails of the bedstead including end members and collapsible side guard rails connecting said end members, substantially horizontal bars one pivoted at medial points to each of the end members of the bedstead, flexible members supporting said crib from the end portions of said bars, operable means for holding said bars against movement at will, means for fixedly and detachably connecting said crib and bedstead at will.

2. A bed of the type described comprising a bedstead having upright end members connected by side rails having hinged sections permitting the same to be collapsed, a crib disposed in said bedstead and lying wholly within said side rails thereof, said crib being pivotally supported from the ends of the bedstead and having side rail guards of a lazy-tong construction, a foldable bottom for said crib hinged to the end members of the crib whereby the bedstead and crib may be collapsed and extended together.

3. A bed of the type described comprising a bedstead having upright end members connected by side rails composed of hinged sec-

tions permitting the same to be collapsed and the end members to be moved in closely associated relation, a crib disposed between said bedstead end members and side rails, said crib having end members pivotally supported from
5 the upper ends of said bedstead end members and having lazy-tong side rail guards connecting said end members of the crib, and releasable means for maintaining adjacent end members of bed and crib against relative
10 movement.

In testimony whereof I have hereunto set my hand.

SIDNEY H. FRANTZ.

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