

March 21, 1967

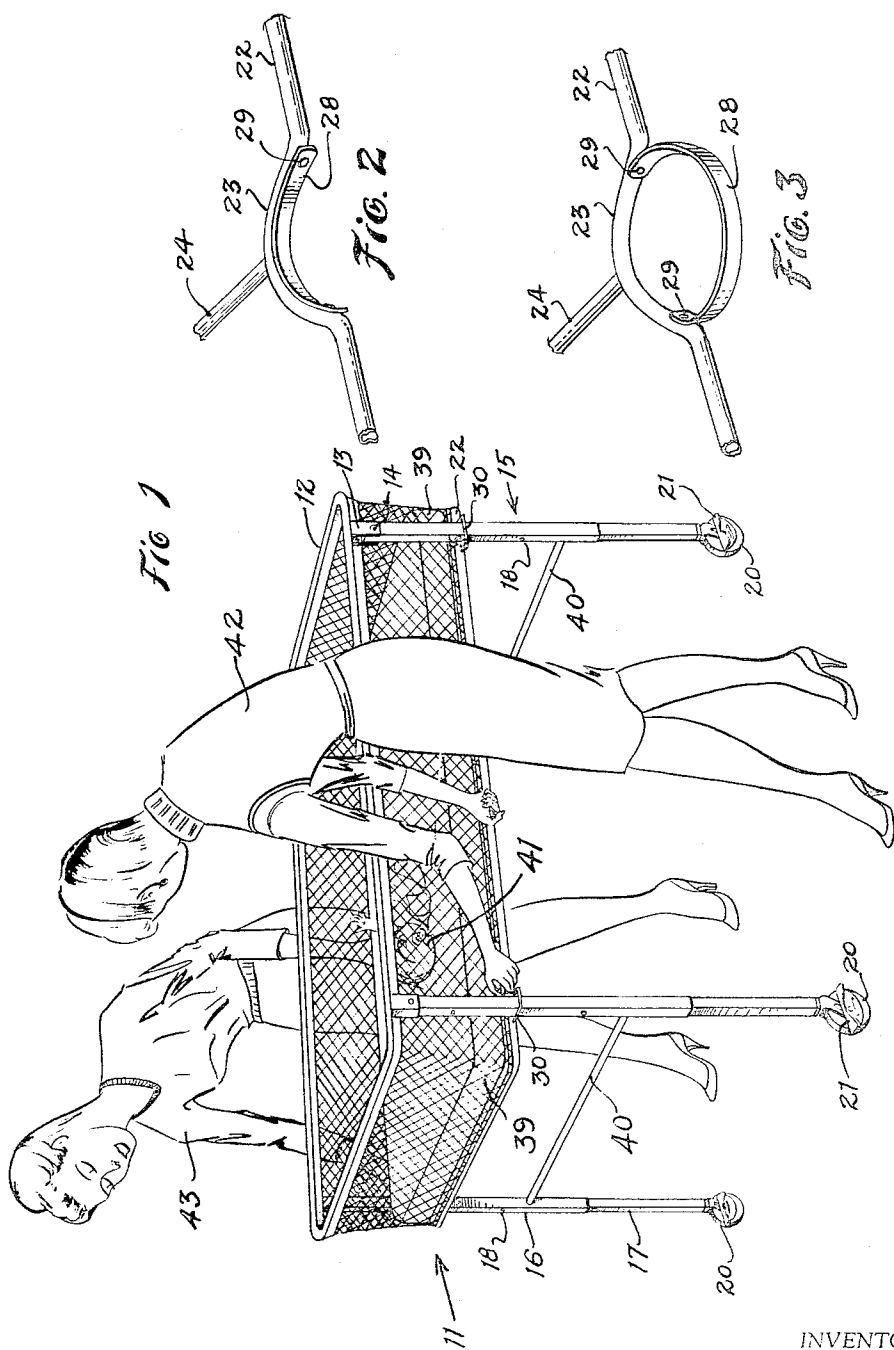
M. BADER ETAL

3,309,719

COMBINATION PLAYPEN CRIB AND DRESSING TABLE

Filed Nov. 8, 1965

7 Sheets-Sheet 1



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March 21, 1967

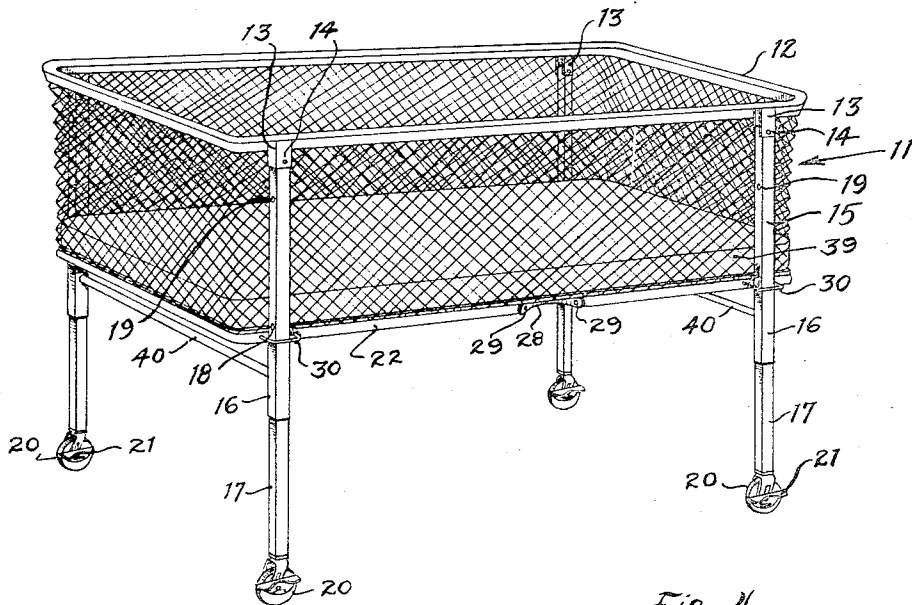
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7 Sheets-Sheet 2



March 21, 1967

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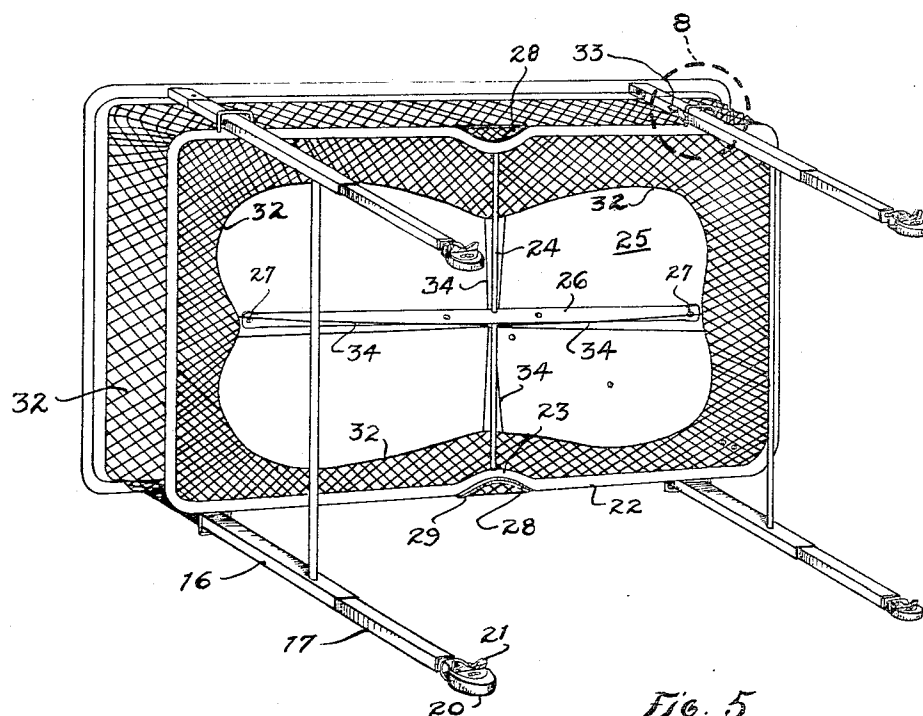


Fig. 5

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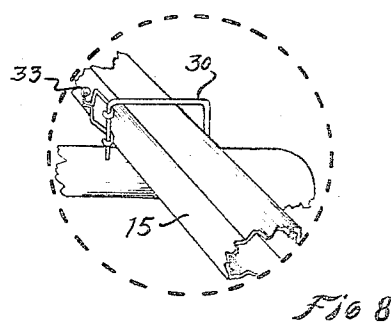
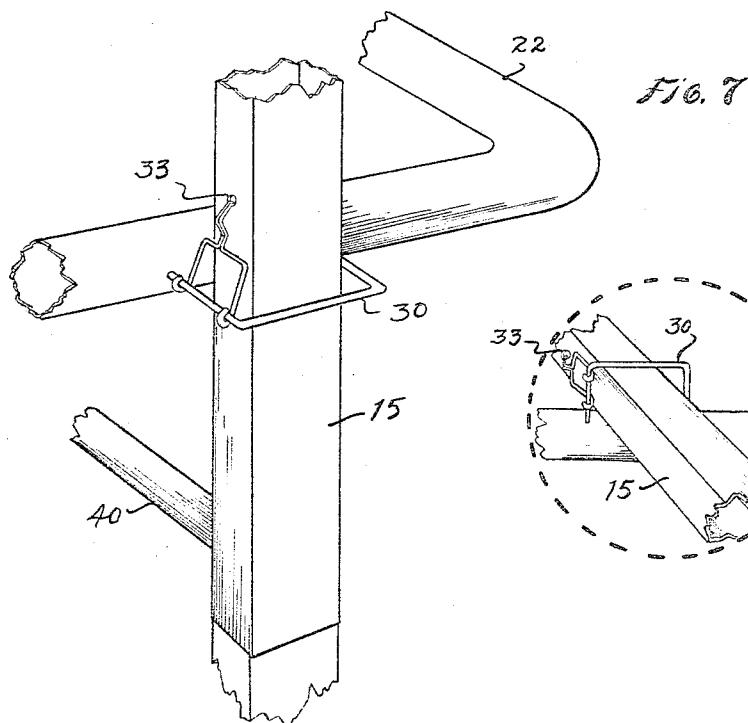
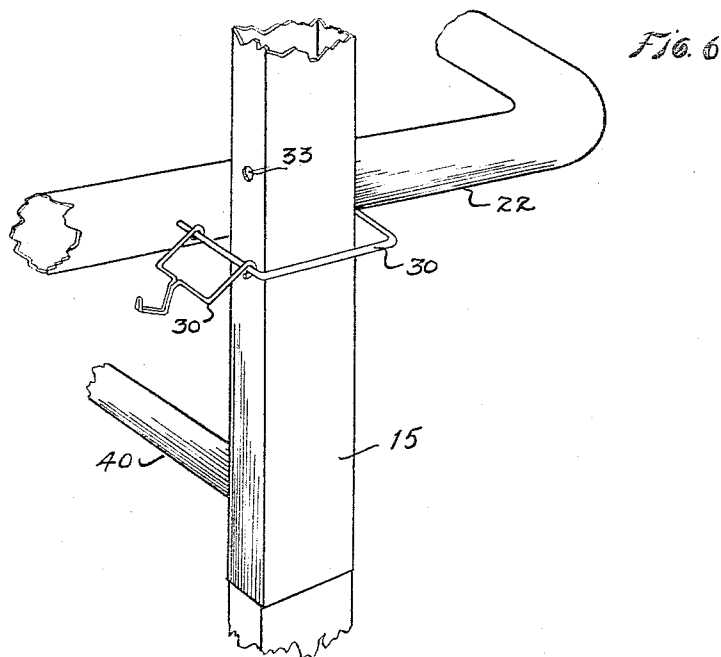
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COMBINATION PLAYPEN CRIB AND DRESSING TABLE

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COMBINATION PLAYPEN CRIB AND DRESSING TABLE

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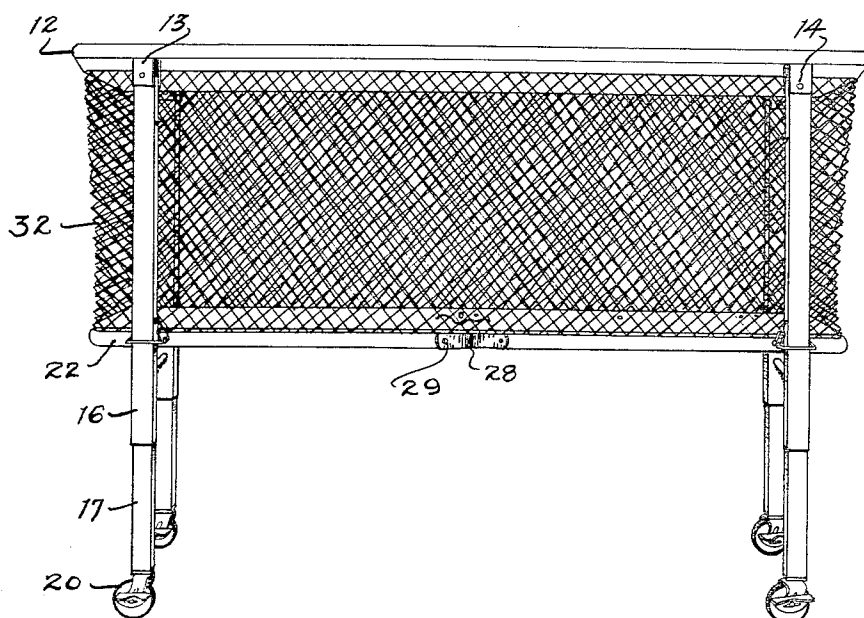


Fig 9

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COMBINATION PLAYPEN CRIB AND DRESSING TABLE

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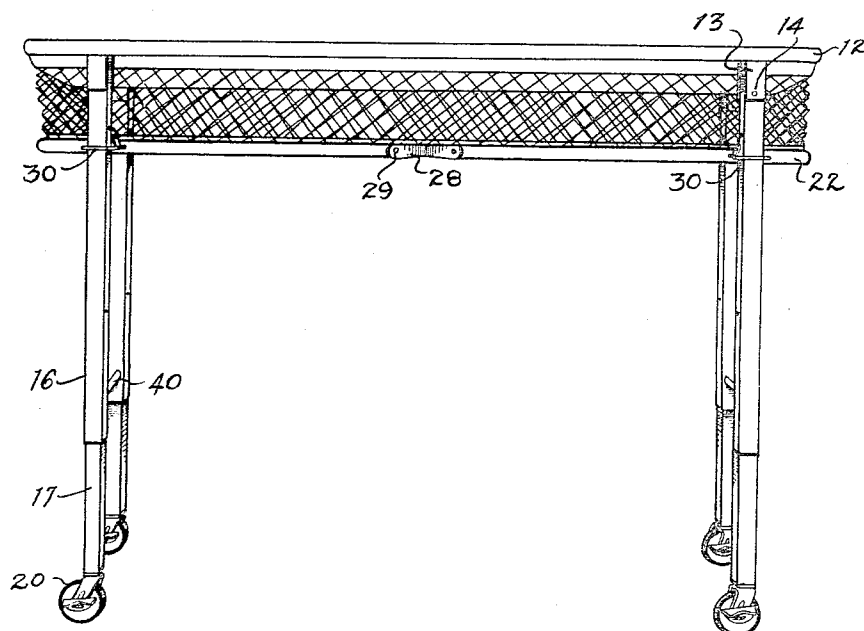


Fig. 10

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COMBINATION PLAYPEN CRIB AND DRESSING TABLE

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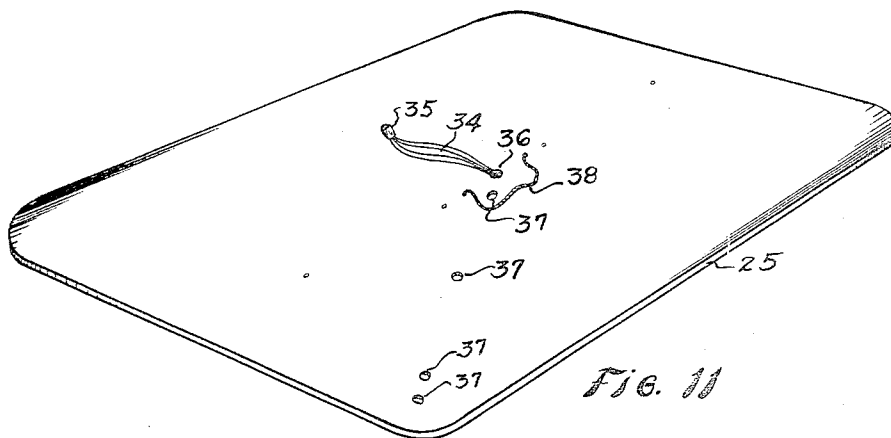


Fig. 11

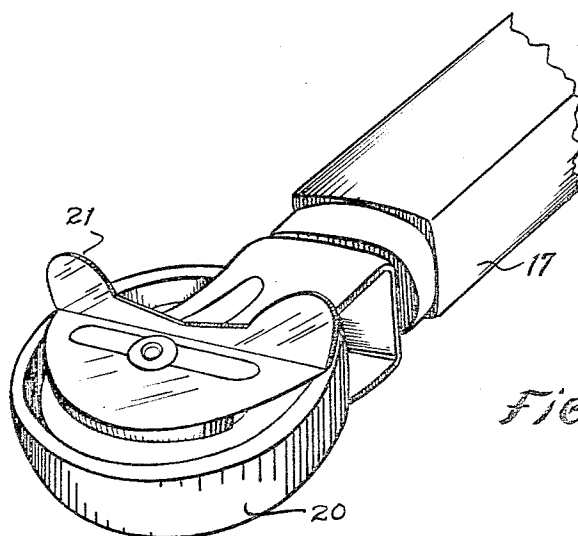


Fig. 12

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1

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COMBINATION PLAYPEN CRIB AND DRESSING TABLE

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3 Claims. (Cl. 5—98)

ABSTRACT OF THE DISCLOSURE

A combination playpen and dressing table is shown which has an upper frame and a lower frame with a connected platform. Four legs are pivotally connected to the upper frame and depend therefrom. The lower frame has four loop supports each of which loosely embrace a leg. Each of the supports carry hooks which can be selectively placed within mating recesses in the corresponding leg to position the lower frame at the required heights for playpen, crib or dressing table. The lower frame also has a pair of arcuate indented portions on opposite sides. Within each of the arcuate portions is a strap-type handle which is pivotally secured at its opposite ends to the frame. Each of the handles can be moved from a secured closed position to a projecting operating position when desired. A net is secured to the upper frame and passes under the platform and a drawstring is connected to the net to tighten and loosen the same.

This invention relates to a combined playpen crib and dressing table having a number of novel features which will be set forth *seriatim*.

In devices of this type it is important in many cases to convert the device from one class of item to another while the child is within the device. For example, it may be necessary to dress or undress the child while lying or standing in the device. This could become necessary, for example, in the case of a child who soiled or wet himself while in the crib. If it were necessary to first lift the child out of the crib to redress him the mother or other person would become soiled herself.

In conventional devices of this character there is no structure provided that will permit this to be done. If conventional crib-playpen-dressing table devices are converted while a child is therewithin the parts of the device will become displaced, the child will fall out of the device and serious injury will result.

In the device of this invention, on the other hand, the device may be converted from a crib-playpen to a dressing table without any danger of injury to the child.

Also, in the instant device flexible handle members used to permit conversion by movement of the parts are provided which are good-looking and which can be folded into the device when not in use.

The above constitutes a brief description of the instant invention and the principal objects and advantages thereof. Other objects and advantages will become apparent to a reader of this specification.

The invention will now be described by reference to the accompanying drawings which are made a part of this specification.

FIG. 1 is an isometric view of the device of this invention, showing the method employed to convert the mechanism from a crib to a dressing table while a child is lying therein.

FIG. 2 is a detail plan perspective view of one of the handle members and associated structure utilized to conduct such conversion with the handle members shown in closed inoperative position.

FIG. 3 is a detail view similar to that of FIG. 2 but

2

with the handle member shown in the open position assumed when employed to convert the mechanism as shown in FIG. 1.

FIG. 4 is a front perspective view of the device of this invention with the parts thereof in the position that they assume when the device is used as a crib.

FIG. 5 is a bottom perspective view of the device of this invention with the lower frame member in an intermediate position upon the legs thereof.

FIG. 6 is a detail front perspective view, on an enlarged scale, of a portion of one of the leg members and an adjacent slidable connecting portion of the lower frame. The selective positioning means securing the lower frame to a spaced point upon a leg member are shown in disengaged position.

FIG. 7 is a detail front perspective view similar to that of FIG. 6 with the selective positioning means shown in engaged position.

FIG. 8 is a detail side perspective view, on an enlarged scale, of the dotted area 8 of FIG. 5.

FIG. 9 is a front perspective view of the device shown in FIG. 1 with the mattress member removed showing a portion of the means employed to cause the net member to become taut when the device is converted from crib to dressing table.

FIG. 10 is a front perspective view similar to that of FIG. 9 showing the device in the position that the parts assume when the device is converted to a dressing table.

FIG. 11 is a plan perspective view of the platform member of this invention and a portion of the raising and lowering mechanism.

FIG. 12 is a detail perspective view, on an enlarged scale, of the caster members that may be employed in connection with this invention.

The invention will now be further described by reference to the specific form thereof as set forth in the drawings. In this connection, however, the reader is cautioned to note that such specific form of this invention is for illustrative purposes and for purposes of example only. Various changes and modifications can obviously be made within the spirit and scope of this invention and would occur to those skilled in this art.

Now referring to the drawings for a specific description of this invention the device 11 of this invention is formed with an upper frame 12. Frame 12 carries a plurality of U-shaped downwardly depending portions 13. A leg member 15 is disposed within each of said portions 13 and is pivotally held in position by a pin 14. Each of legs 15 is formed with an upper portion 16 and a lower portion 17. Portions 16 and 17 telescope within one another and are secured in any selected position by the provision of a button 18 which is spring biased outwardly and passed through appropriate recess 19 within a portion 16. A pair of supports 40 join opposite legs 15 to one another.

A caster 20 is secured to the base of each of portions 17 and the wheel member thereof may be selectively prevented from rolling by means of a braking lever 21.

A lower frame 22 is spaced from frame 12 and carries a plurality of oppositely positioned inwardly indented portions 23. A transverse bar 24 connects opposite portions 23. A platform 25 overlies frame 22 and is secured thereto. A longitudinal bar 26 is also secured to platform 25 and bar 24 is spaced from the underside of platform 25. Bar 26 is secured at its end portions to the underside of platform 25 by rivets 27. Bar 26 is spaced from the underside of platform 25 at its intermediate portions.

A flexible handle 28 is pivotally connected at its end portions within each indented portion 23. Rivets 29 connect handle 28 at each end portion to frame 22. Handle

28 is made of flexible material so that it can be turned inwardly and outwardly as shown in FIGS. 2 and 3.

Frame 22 is also provided with holding portions 30 which are each adapted to embrace a leg 15. A hook member 31 is pivotally connected to each of portions 30. Each of hook members 31 is adapted to selectively fit into a recess 33 within a leg member 15 so as to selectively position frame 22.

A net member 32 is connected to said upper frame and partially underlies platform 25. A drawstring 34 is secured to each side of the portion of net member 32 that underlies platform 25. Drawstrings 34 are in turn connected to support 35 at one end thereof. Drawstrings 34 pass through an opening 36 provided in platform 25 which is smaller in diameter than the diameter of support 35 so that support 35 cannot pass through platform 25. A plurality of additional openings 37 are also provided upon platform 25 and are adapted to accommodate support 35 in holding relationship.

A handle 38 is also provided on platform 25 to permit the platform to be moved upwardly if desired. A mattress 39 is provided to optionally overlie platform 25.

With the foregoing description the operation of this invention will now be explained.

The device of this invention is initially in folded position. It is prepared for use by unfolding legs 15 and dropping platform 25 downwardly along legs 15 to the depth desired. At this point hooks 31 are engaged with the appropriate opening 33. At that point member 35 is grasped by the operator and pulled until drawstrings 34 are taut. At this point member 35 is placed within the appropriate recess 37. Mattress 39 is then placed in position upon platform 25. The length of the legs 15 can then be adjusted by pushing button 18 inwardly and then sliding member 17 along member 16 until button 18 "snaps" into the appropriate recess 19.

At this point the device is in position to hold a child 41 who is placed upon mattress 39. If the child should soil or wet himself, and it is desired to convert the device to a dressing table without removing the child therefrom two persons 42 and 43 are required. Each person 42 and 43 removes the hooks 31 from the appropriate recesses 33 on one side of platform 25 and simultaneously turns the handle 28 on the same side to the operative outward position shown in FIG. 3 from the inoperative position shown in FIG. 2. Each person 42 and 43 then raises the assembly of mattress 39, platform 25 and frame 22 to the appropriate level to form the device into a dressing table. The hooks 31 are then placed within the higher recess 33.

The child is now supported in position to be dressed while lying in the device and his clothing changed.

The foregoing sets forth the manner in which the objects of this invention are achieved.

We claim:

1. A combined playpen and dressing table comprising, in combination,

- (a) an upper frame,
- (b) a plurality of leg members, pivotally connected to said upper frame,
- (c) a lower frame spaced from said upper frame slidably connected to said leg members and having a pair of oppositely positioned arcuate indented portions substantially centrally located within said lower frame,
- (d) a strap type handle made of flexible material pivotally connected at each of its end portions within each of said indented portions, said handle normally lying along the interior face of the respective indented portion but being movable from said position to an operating position projecting from said frame,
- (e) means carried by said lower frame adapted to selectively position said frame at spaced points upon said leg members,
- (f) a substantially planar platform overlying said lower frame,
- (g) a net member connected to said upper frame and partially underlying said platform.

2. A combined playpen and dressing table as described in claim 1 including drawstring means connected to the portion of said net member underlying said platform, said drawstring means extending upwardly through said platform and additional means upon said platform for preventing said upwardly extending portion from passing completely through said platform, said additional means also positioning said drawstring means at spaced points so as to maintain said net member in tightened condition when said platform is positioned at different points upon said leg members.

3. A combined playpen and dressing table as described in claim 1 including a longitudinal support secured to and underlying said platform and a transverse support also underlying and partially spaced from said platform, said transverse support also secured to said longitudinal support and to said indented portions.

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