Dec. 23, 1952 H. J. COLES 2,622,250

BABY'S COLLAPSIBLE CRIB

Filed Jan. 25, 1949 2 SHEETS—SHEET 1

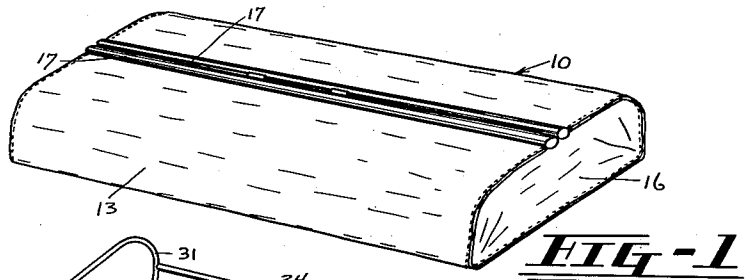


FIG-1

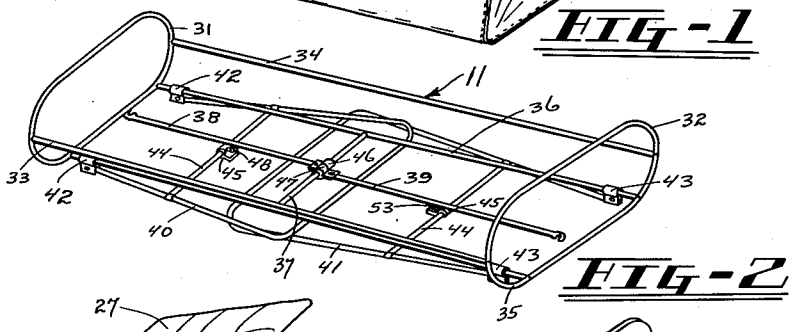


FIG-2

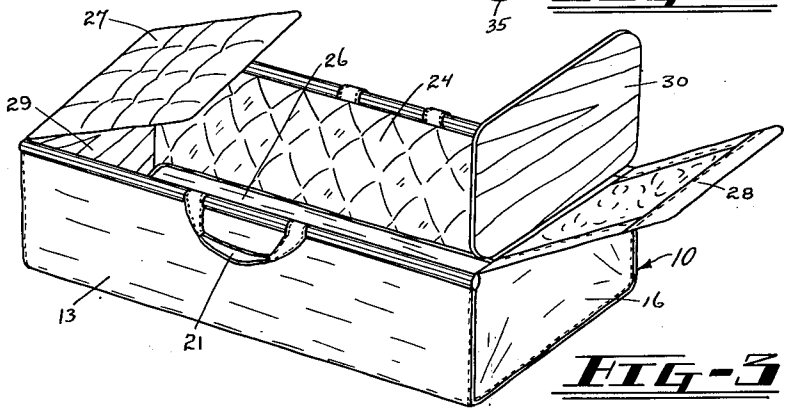


FIG-3

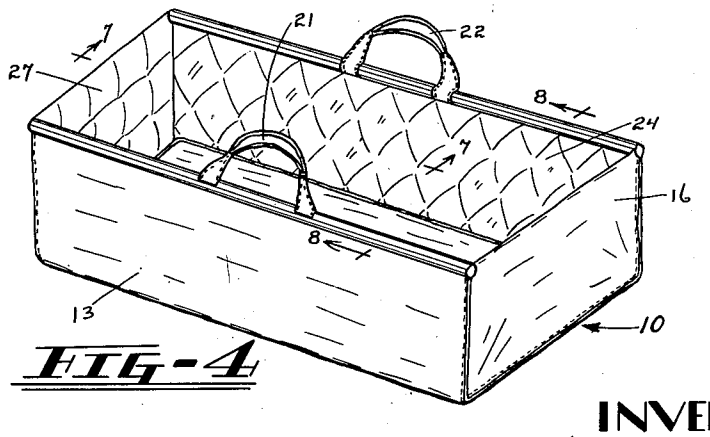


FIG-4

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BABY'S COLLAPSIBLE CRIB

Filed Jan. 25, 1949 2 SHEETS—SHEET 2

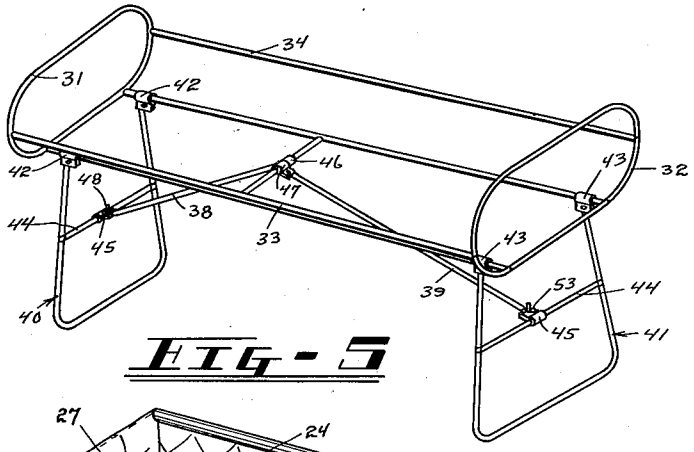


FIG-5

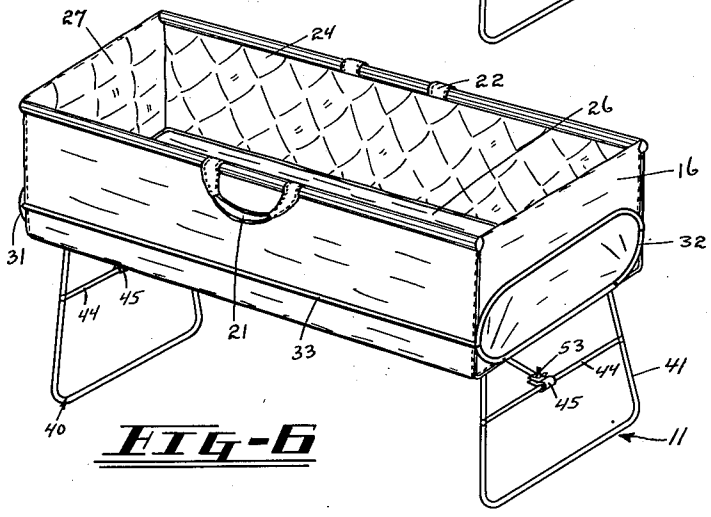


FIG-6

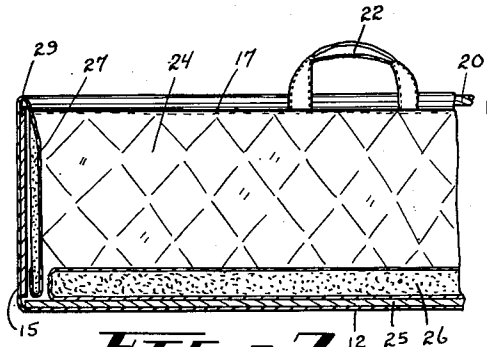


FIG-7

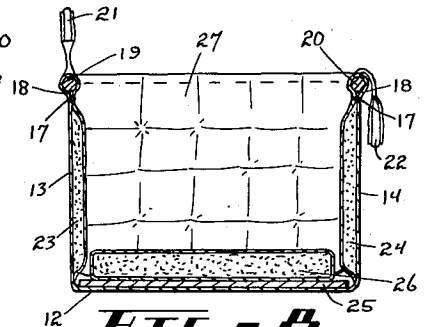


FIG-8

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Patented Dec. 23, 1952 2,622,250

UNITED STATES PATENT OFFICE

2,622,250

BABY'S COLLAPSIBLE CRIB

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Application January 25, 1949, Serial No. 72,586
In Canada October 19, 1948

2 Claims. (Cl. 5—98)

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The invention relates to improvements in a baby's collapsible crib, as described in the present specification and illustrated in the accompanying drawings that form a part of the same.

The invention consists essentially of the novel features of construction as pointed out broadly and specifically in the claims for novelty following a description containing an explanation in detail of an acceptable form of the invention.

The objects of the invention are to devise a baby's crib that is collapsible and which is easily carried in both its collapsed state and when it is open and occupied; to offer a collapsible crib having an accompanying collapsible stand forming a unit that is easily moved and set up in any desired location; to provide a portable collapsible crib for use when travelling that, when closed, is easily kept under a seat or on a baggage rack, and which may be quickly and easily made ready for use; to eliminate the need of making up a bed for a baby with cushions, etc., when travelling on a train, plane, etc.; to have a sleeping or resting place for a baby available at all times; to construct a portable and collapsible baby's crib consisting of few and simple parts, easy and economical to manufacture; and generally to provide a baby's collapsible crib that is neat in appearance, compact and efficient in its use.

In the drawings:

Figure 1 is a perspective view of the crib in its collapsed form.

Figure 2 is a perspective view of the crib stand in its collapsed form.

Figure 3 is a perspective view of the open crib and showing one of the rigid end boards about to be positioned.

Figure 4 is a perspective view of the crib opened and ready for use without the stand.

Figure 5 is a perspective view of the collapsible stand as set up ready for use.

Figure 6 is a perspective view of the opened crib as positioned on the stand.

Figure 7 is a fragmentary cross-sectional view as taken on the line 7—7 in Figure 4.

Figure 8 is a cross-sectional view taken on the line 8—8 in Figure 4.

Like numerals of reference indicate corresponding parts in the various figures.

Referring to the drawings, the collapsible crib, as indicated by the numeral 10, is adapted for use with a stand, 11, or it may be used removed from the stand, as desired, such as by being placed in any desired spot on a bed or seat, or on the floor. As used on the stand, the crib may

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be placed alongside a bed, being level with the bed to place the baby within easy reach of the parent or other person occupying same.

The crib is made of any suitable pliable material, such as cloth, canvas, etc., the material preferably being water or moisture proof. The crib is preferably rectangular in shape and consists, in this instance, of a single piece of material forming the bottom 12 turned up to form the longitudinal sides 13 and 14. The ends 15 and 16 are separate pieces of material suitably joined in position to the side portions 13 and 14 and to the bottom 12.

The top edge of each of the sides 13 and 14 is turned inward and down and stitched at 17 to form a compartment 18 therealong into which a rigid rim member, 19 and 20 respectively, is secured. Each rim member consists of a wooden or metal rod to which suitable handles, 21 and 22 respectively, are movably secured, these handles preferably being made of the same pliable material as that of the body of the crib, and lead from the rods through cut-out sections in the turned down top edge of the sides 13 and 14.

Each of the sides 13 and 14 is provided with lining, such as a quilted lining 23 and 24 respectively, suitably secured to the inside face of the side portion. These quilted linings form inner side walls to the crib, acting as stiffeners to their respective side portions of the crib, and also provide the crib with padded sides.

A removable rigid section 25, placed on the bottom of the crib, provides rigidity to the pliable bottom 12. This section 25 may be in the form of a board or any other suitable rigid material.

A suitable and individual mattress 26 fits on the rigid bottom member 25, the mattress cover preferably being of water or moisture proof material, and the mattress being soft and pliable.

Each of the ends 15 and 16 has a padded section, 27 and 28 respectively, suitably secured to its upper or free end, such as by being sewn thereto. These sections or flaps may be quilted as are the linings 23 and 24, and are adapted to be turned down into the open crib. The flaps of course, need not be quilted or padded and could be an extension of the end piece and integral therewith.

In its use, the crib is opened up by the rigid rims 19 and 20 being drawn apart and having end boards 29 and 30 placed one at either end of the crib against the inside face of the pliable end 15 or 16 as the case may be. These end boards are approximately the height and width of the

crib and are made of wood or metal, providing a separate and rigid inner end wall, preventing the sides 13 and 14 from collapsing. After the end boards have been placed in position, the flaps 27 and 28 are turned down into the crib and over the end boards.

The opened crib may now easily be carried, with or without a baby in it by means of the handles 21 and 22 which are suitably positioned on the rods 19 and 20.

In closing the crib for storing or carrying, the end boards 29 and 30 are removed and placed on top of the mattress, the rigid bottom member 25 and mattress being left in position if desired, the sides of the crib being collapsed and flattened down on top of the mattress, the rigid top edges of the sides being brought together. The handles 21 and 22 being tucked down under the sides or left out, as desired. The collapsed crib may have a strap placed around it if desired to hold it together when carrying same, or it may be tucked under a person's arm and easily carried in this manner. The ends of the handles are looped around the rods and are movable thereon, permitting the handles to extend upward or be turned down inside the crib, and may, when the crib is closed, be left projecting upward.

The stand 11 consists of a framework, preferably of tubular members made of any suitable material, such as aluminum, and comprises the ends 31 and 32, each of which is made of a single piece of material bent to a somewhat oval shape, and having side members 33 and 34 suitably and rigidly secured therebetween, one at either side, by any suitable means. These side members are positioned and secured to the ends approximately half way down the sides of the same. Bottom members 35 and 36 extend between the ends 31 and 32, being rigidly secured to the bottom portion of the ends 31 and 32 respectively. A cross-piece or support 37 extends between the two bottom members 35 and 36 approximately half way therealong and is firmly secured to same by any suitable means, providing a mounting to which braces 38 and 39 are pivotally secured. Leg members 40 and 41, are located at each end of the stand and are pivotally mounted to the brackets 42 and 43. These brackets 42 and 43 are securely fastened to the longitudinal members 35 and 36 adjacent to their ends. Each of the leg members 40 and 41 is of a U-shaped formation having a cross member 44 extending between the vertical portions thereof, and the same are held in open position by means of brackets 45, which are mounted on the cross members 44 and adapted to be connected to the lower ends of the braces 38 and 39. These braces 38 and 39 are in turn, pivotally mounted to a bracket 46 and 47 respectively, which is slidably mounted on the cross-piece 37. The brace 38 extends from the bracket 46 to the cross-member 44 of the leg member 40 and is detachably connected to the bracket 45 and held in position by a wing nut 48. The brace 39 extends from its bracket 47 to the cross member 44 of the leg member 41 and is similarly detachably connected to the bracket 45 and secured in position by a wing nut 53.

The stand is collapsed by simply loosening the wing nuts, permitting the end of the brace to be removed from its bracket and then to be swung upward against the underside of the stand, the U-shaped leg members being hinged inward and upward against the bottom members 35 and 36.

The open crib is positioned in the set-up stand by being placed between the side members of the stand, the rigid bottom of the crib resting on the longitudinal bottom members of the stand.

It is of course understood that modifications and ramifications may be made without in any way departing from the spirit of the invention as hereinabove described and illustrated.

What I claim is:

1. In a baby's collapsible crib, suitable pliable material forming the bottom, longitudinal sides and the ends of the crib, a rigid rod secured along the top edge of each of the longitudinal sides, a handle secured to each of said longitudinal rods, a padded flap fixedly secured to each of the ends of said collapsible crib, a rigid board positioned in said crib on the pliable bottom of same and removable therefrom, said rigid board being adapted to give rigidity to the pliable bottom of said crib, a mattress positioned in said crib on top of said rigid board, an individual end board removably positioned between the sides of the crib and against the inside face of each of the ends of the crib, said end boards adapted to hold the longitudinal sides open and preventing same from collapsing, said padded flaps adapted to be turned down to cover said end boards positioned in said crib, said collapsible crib being collapsed by the removal of said end boards from their set position in said crib thus permitting the sides and ends to collapse, and a collapsible stand adapted to have said collapsible crib mounted therein and removable therefrom.

2. In a baby's collapsible crib, a bottom, longitudinal sides, said bottom being of pliable material turned up to form said sides, a rigid rod secured along the top edge of each of said longitudinal sides, ends for said crib, each of said ends being an individual piece of pliable material positioned between said longitudinal sides and fastened thereto, an inner lining secured to the inside face of each of said longitudinal sides, a rigid board removably positioned in said crib at each of said ends thereof and removable therefrom and forming an inner rigid end wall to hold said longitudinal sides apart and upright, a handle secured to each of said rigid rods, a padded flap secured to each of said ends adapted to be turned down to overlap the adjacent rigid end board positioned in said crib, a rigid bottom board adapted to be removably positioned in said crib on said pliable bottom and giving rigidity thereto, and a mattress positioned on said rigid bottom board in said crib, said crib being collapsed by the removal of said rigid end boards from their set position allowing the longitudinal sides and the ends of the crib to collapse.

HERBERT JAMES COLES.

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