

July 28, 1942.

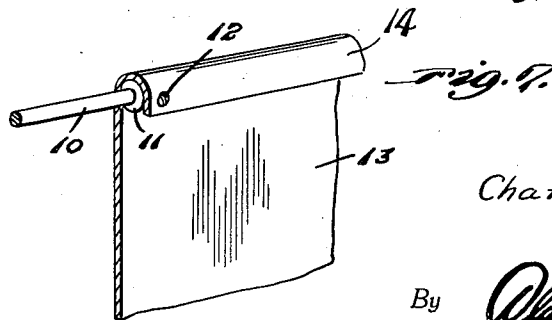
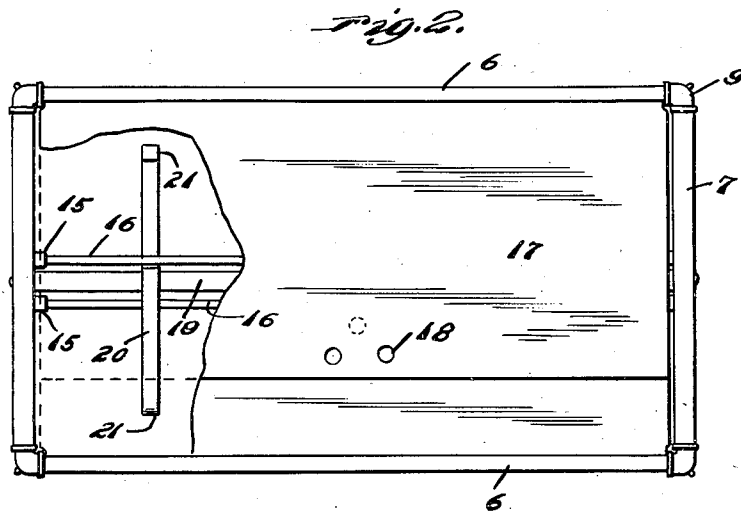
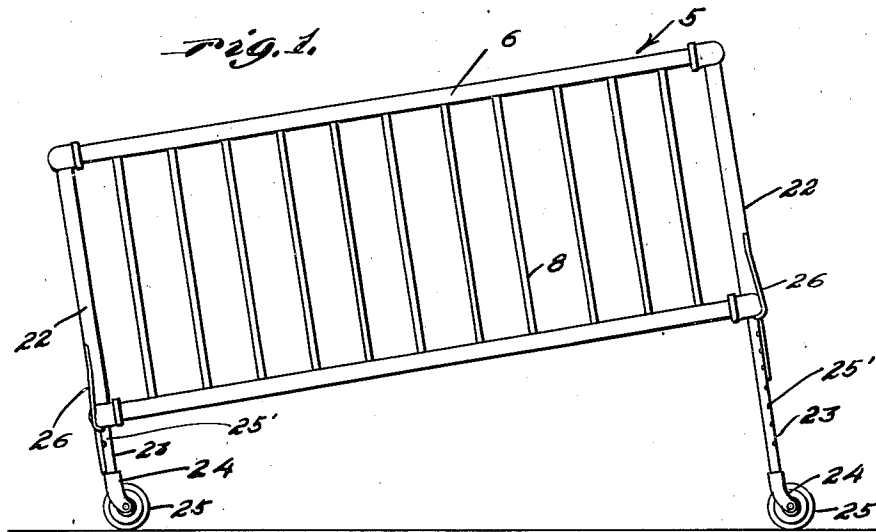
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2,291,233

COMBINATION PLAY PEN AND CRIB

Filed Oct. 14, 1940

2 Sheets-Sheet 1



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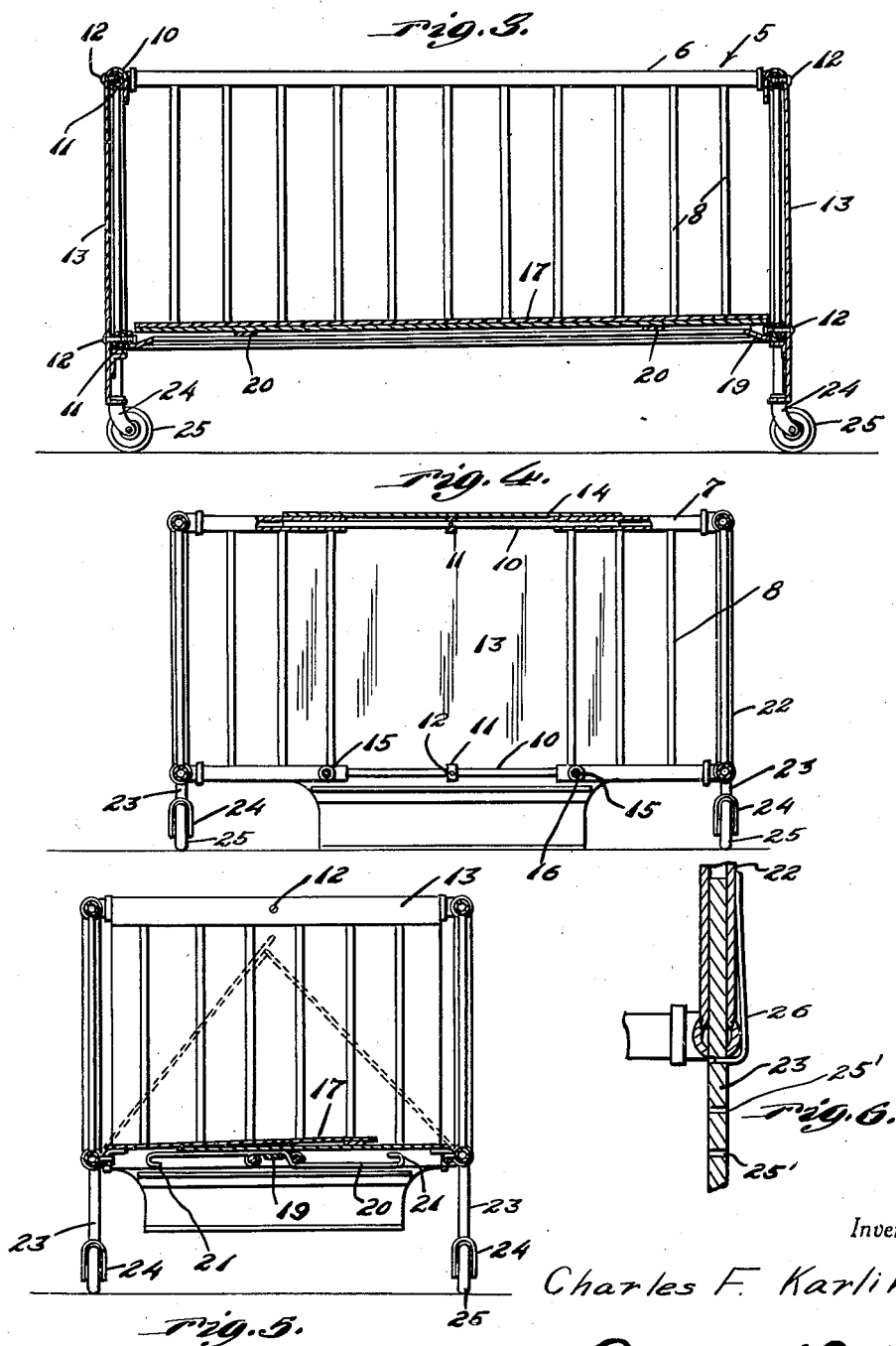
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COMBINATION PLAY PEN AND CRIB

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COMBINATION PLAY PEN AND CRIB

Charles F. Karlik, Portland, Oreg.

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2 Claims. (Cl. 5—93)

This invention relates to a combination play pen and crib, and has for the primary object the provision of a device of this character which may be easily and quickly extended as to width to provide either a double crib or a play pen of a maximum size and may be conveniently decreased in width to form a single crib or a play pen of a minimum size and also may be readily disassembled to permit storing thereof within a very small space.

A further object of this invention is the provision of a supporting means which includes legs carrying castors adjustably connected to the pen or crib frame whereby the latter may be readily leveled and supported at different elevations from the floor and also may be supported at various inclinations and further to secure and free the castors for swivel movement.

With these and other objects in view as will become more apparent as the description proceeds, the invention consists in certain novel features of construction, combination and arrangement of parts which will be herein after more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawings, in which

Figure 1 is a side elevation illustrating a combination play pen and crib constructed in accordance with my invention and showing the device arranged at a selected inclination.

Figure 2 is a top plan view illustrating the device and partly broken away to show the means for limiting the adjustment of the frame as to width.

Figure 3 is a vertical sectional view illustrating the device.

Figure 4 is a transverse sectional view of the device with the floor panels removed.

Figure 5 is a view similar to Figure 4 showing the device with the floor panels installed and adjusted to its minimum size.

Figure 6 is a fragmentary vertical sectional view illustrating the detachable connection between the legs and the frame.

Figure 7 is a fragmentary perspective view, partly in section, showing a portion of one of the end panels and its connection with one of the end sections of the frame.

Referring in detail to the drawings, the numeral 5 indicates a frame including side members 6 and end members 7. The side and end members are of skeleton formation, that is, including relatively spaced vertically arranged rods 8 and upper and lower longitudinally and transversely

extending members of tubular formation. The upper and lower members of the side and end frames are connected by L fittings 9 and the end members of the frame are formed in sections which are adjustably connected by upper and lower rods 10 having telescopic fit with the sections of the upper and lower tubular members thereof whereby the end members or walls of the frame may be adjusted to increase or decrease the width of the frame. Stop collars 11 are secured on the central parts of the rods 10 by fasteners 12 which are also employed for detachably securing on the rods 10 the frame panels 13, the upper edges of which are bent to form hook-shaped portions 14 that lap over or engage about the sections of the upper transversely extending members of the end walls or members of the frame.

The panels 13 extend to a selected distance below the lower transversely extending tubular members of the end walls. The purpose of the panels 13 is to close the spaces occurring in the end walls when the latter are adjusted to bring about the full adjustment of the frame as to its width.

The inner ends of the sections of the lower tubular members of the end walls have formed thereon short sleeves 15 to form seats for longitudinally extending rods 16 acting as supports for floor panels 17, the latter being hinged to the lower tubular members of the side walls of the frame and have overlapped relation with each other for the support of a mattress (not shown). The panels 17 may be provided with finger holes 18 whereby a person may readily grip said floor panels for raising and lowering thereof. Connected to the lower rods 10 of the end walls and extending parallel with the rods 16 and therebetween is a tie bar 19 carrying cross arms 20 terminating in hooks 21 which are adapted to act as stops for the connecting rods 16 for limiting the adjustment of the frame as to width. When it is desired to adjust the width of the pen or crib the panels 17 are swung upwardly and outwardly and then the side members 6 are moved away from each other or toward each other, depending upon whether the pen or crib is to be increased in width or decreased in width and during this movement the rods 16 slide on the arms 20 and if the pen or crib is being increased in width engagement of the hooks 21 on the arms 20 with the rods 16 will limit outward movement of the parts. Then after the adjustment has been made the panels 17 are swung downwardly as shown in Figures 2 and 5.

By providing the hinged panels 17 the adjustment of the device is facilitated for when the panels are swung upwardly they will not interfere with adjustment of the parts as they would do if they would have to slide on each other and on the under part of the device.

The side walls 6 and end walls 7 of the frame include vertically arranged tubular posts 22 which slidably receive legs 23 terminating at their lower ends in forked portions 24. The forked portions 24 have castor type rollers 25 journaled therein. The legs 23 have spaced openings 25' to receive spring catches 26 on the posts whereby the legs may be extended and secured in any of their extended positions, also whereby said legs may be moved substantially fully within the posts to bring the rollers in close proximity to the frame. The legs each are adjustable on the frame of the device whereby the frame may be readily leveled on a floor surface or, if desired, can be raised at either end or at either side and further whereby the frame may be elevated to different distances from the supporting floor.

The catches 26 when located within the openings 25' of the legs secure said legs against rotation in the posts and consequently secure the rollers 25 against swivel movement. However, when the swivel movement is desired the catches may be disengaged from the openings and the legs moved fully within the posts and the rollers then will be free to swing about a vertical axis to permit the entire device to be easily rolled from one place to another and guided during this movement.

When the device is adjusted into a position as shown in Figure 2 it will provide either a play pen of a minimum size or a crib for a single child. However, when the device is adjusted to its full width, as shown in Figure 4, the frame will then provide a pen of a maximum size or a double crib capable of accommodating two children comfortably.

While I have shown and described the preferred embodiment of my invention, it will be understood that minor changes in construction, combination and arrangement of parts may be made without departing from the spirit and scope of the invention as claimed.

Having thus described the invention, what I claim is:

1. In a play pen and crib, a pair of upright side members, a pair of upright end members, each end member comprising a central panel section and a pair of extensible end sections, the end sections including upper and lower tubular members, said panel sections including upper and lower horizontal rods having their ends telescoping into the upper and lower tubular members, a collar on the central portion of each rod, a vertically arranged plate secured to the collars, said plate having its upper end rolled over the upper tubular members of the end sections, longitudinally extending rods having their ends connected to the lower tubular members, one on one side of the collars and the other on the opposite side of the collars, and a pair of panels hingedly connected at their outer edges to the lower edges of the side members, said panels overlapping each other when in lowered position.

2. In a play pen and crib, a pair of upright side members, a pair of upright end members, each end member comprising a central panel section and a pair of extensible end sections, the end sections including upper and lower tubular members, said panel sections including upper and lower horizontal rods having their ends telescoping into the upper and lower tubular members, a collar on the central portion of each rod, a vertically arranged plate secured to the collars, said plate having its upper end rolled over the upper tubular members of the end sections, longitudinally extending rods having their ends connected to the lower tubular members, one on one side of the collars and the other on the opposite side of the collars, a pair of panels hingedly connected at their outer edges to the lower edges of the side members, said panels overlapping each other when in lowered position, a bar extending parallel to the second-mentioned rods and located between the rods and having its ends connected to the central portion of the first-mentioned lower horizontal rods and a transversely extending arm connected with an intermediate portion of the bar and having hooks at its ends for engaging the second-mentioned rods for limiting outward movement of the sections of the end members.

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