

Dec. 26, 1922.

W. W. CHRISMAN.
NURSERY CHAIR.
FILED FEB. 6, 1922.

1,440,132

2 SHEETS-SHEET 1

Fig. 1.

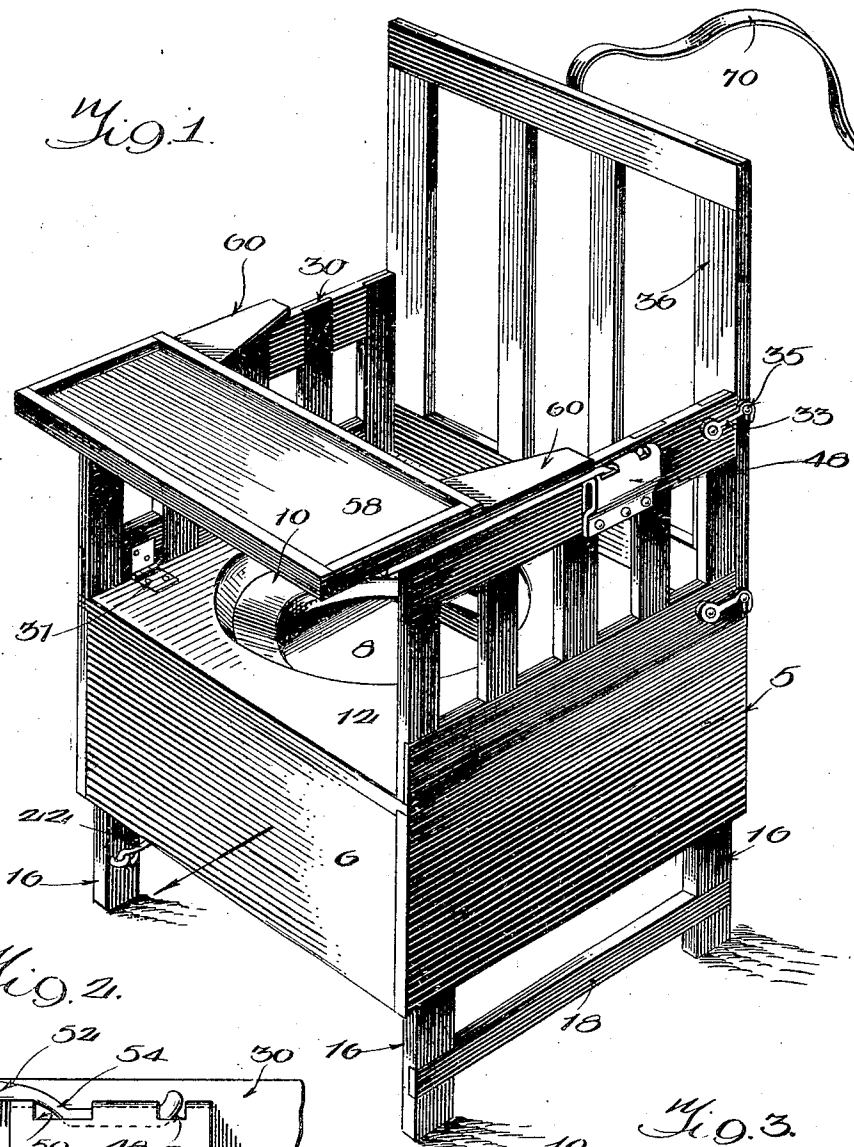
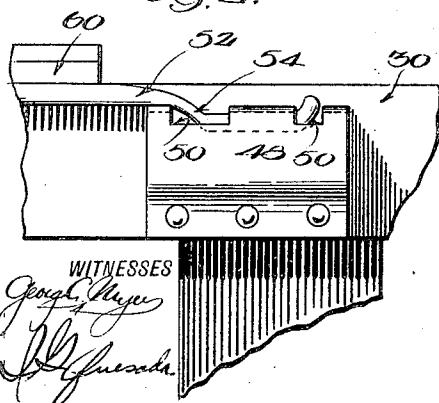


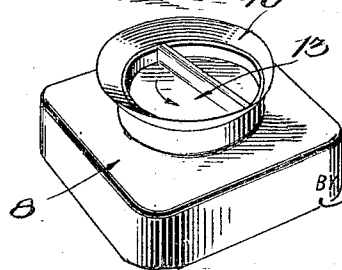
Fig. 2.



WITNESSES

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Fig. 3.



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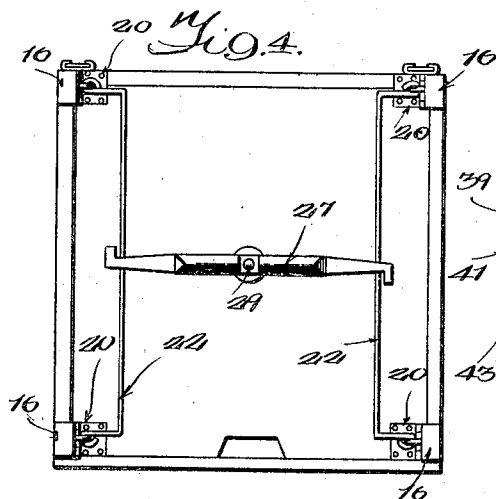
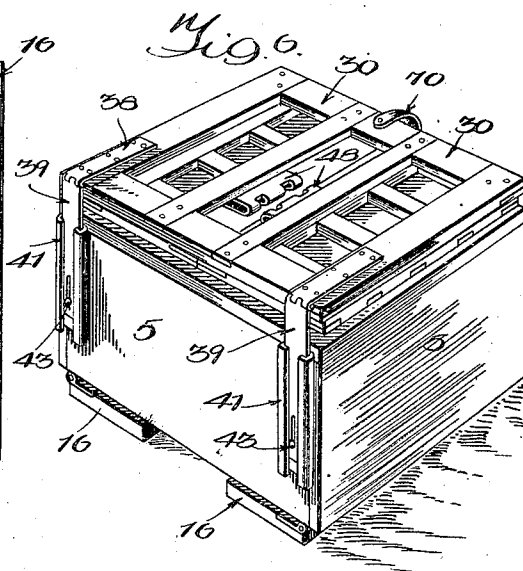
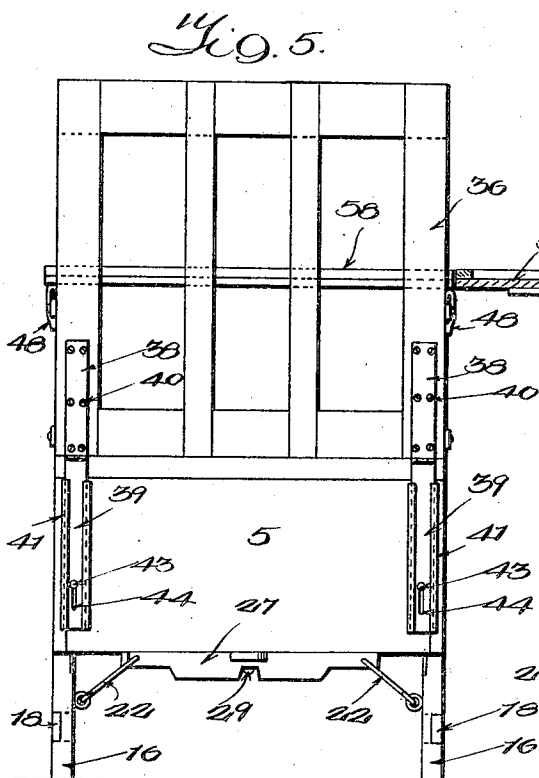
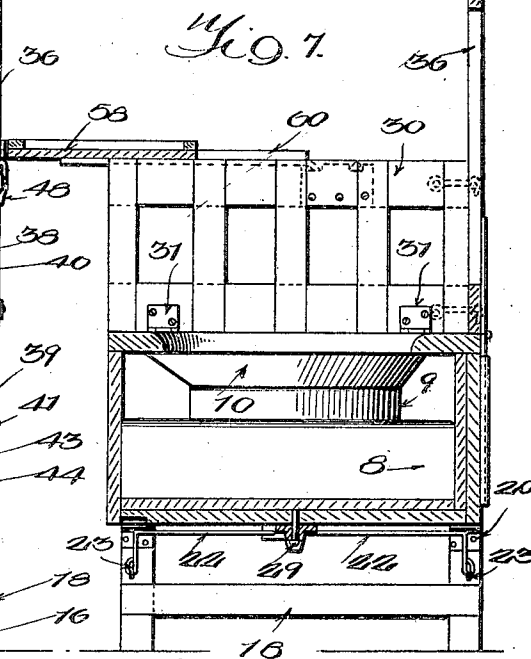
BY *Munn & Co.*
ATTORNEYS

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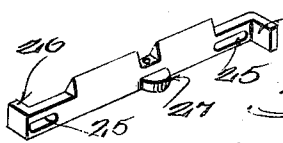
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2 SHEETS-SHEET 2



WITNESSES
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UNITED STATES PATENT OFFICE.

WILLIAM WADE CHRISMAN, OF SEATTLE, WASHINGTON.

NURSERY CHAIR.

Application filed February 6, 1922. Serial No. 534,493.

To all whom it may concern:

Be it known that I, WILLIAM W. CHRISMAN, a citizen of the United States, and resident of Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in Nursery Chairs, of which the following is a specification.

This invention relates to nursery chairs of the collapsible type.

An important object of this invention is to provide a nursery chair having novel means whereby the receptacle of the same may be effectively sealed, when it is not possible to empty the same immediately after the use of the chair.

A further object of the invention is to provide a nursery chair having simple means whereby the same may be compactly folded when it is desired to take the same on excursions, auto trips and the like, and which may be readily arranged in an operative position without unnecessary inconvenience or delay.

Further the invention forming the subject matter of this application aims to provide novel means whereby the legs, sides and back of the improved piece of furniture may be detachably held in their operative positions and which may be compactly folded when desired.

Also an aim of this invention is to provide simple means for detachably connecting the tray to the sides of the chair.

A further object is to provide a nursery chair of the character specified which is of highly simplified construction, durable in use and cheap to manufacture.

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

In the accompanying drawings 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 nursery chair.

Figure 2 is a fragmentary side elevation illustrating the means for detachably connecting the tray to the sides of the chair.

Figure 3 is a perspective of a receptacle embodied in the invention.

Figure 4 is a bottom plan view of the improved chair open, the view illustrating the means for supporting the legs in extended positions.

Figure 5 is a rear elevation of the improved chair open, the view illustrating a means for hingedly and slidably supporting the back and the view also illustrating the means for holding the legs in their upright or extended positions.

Figure 6 is a perspective of the improved chair collapsed.

Figure 7 is a vertical transverse sectional view through the improved chair.

Figure 8 is a perspective of a holding member for securing the legs in their extended position.

In the drawing wherein for the purpose of illustration is shown the preferred embodiment of the invention the numeral 5 generally designates the body which is preferably of rectangular formation and slidably receives a drawer 6 which as illustrated in Figure 7 receives a receptacle 8, preferably of metal. As illustrated in Figure 7, the receptacle 8 is provided with a neck 9 having its upper portion flared as indicated at 10 and arranged directly beneath the centrally arranged opening in the seat 12. The neck 9 is interiorly screw threaded so that a cover 13 may be securely connected thereto. A rubber washer or other suitable means may be provided between the cover 13 and the neck for providing a tight joint between the cover and the neck. It is obvious that the cover 13 forms a means for securely sealing the receptacle for the purpose set forth in the objects. Of course the drawer 6 and consequently the receptacle 8 may be readily withdrawn when it is desired to empty the receptacle.

In carrying out the invention the body 5 is provided with legs 16, the legs on each side of the body being joined by connecting strips 18 whereby the legs of each pair are caused to operate together. Hinges 20 are employed for connecting the legs 16 to the underside of the body 5 and permit the legs 16 to be swung to inoperative positions as illustrated in Figure 6. As illustrated in Figures 5 and 7 the legs 16 have their terminal portions connected to the sides of U-shaped braces 22 through the medium of eyes 23. The intermediate portions of the U-shaped braces 22 are extended through slots 25 formed in the angularly extended end portions 26 of a bracing link 27. The slots 25 also extend through the ends of the link 27 and when the bight portions of the braces 22 are engaged by the inner ends of

the slots 25 as illustrated in Figure 5 the braces are securely held in their extended positions for supporting the legs and holding the same against collapsing. When it is desired to return the legs to their inoperative positions as illustrated in Figure 6, the link 27 may be swung on its pivot 29 which serves as a means for connecting the intermediate portion of the link to the bottom of the body.

The improved chair is provided with sides 30 horizontally hinged as indicated at 31 to the seat 12 and capable of being swung inwardly upon the seat when the chair is collapsed. However, when the sides 30 are swung to their upright positions as illustrated in Figure 1, hooks 33 carried by the rear ends of the sides are engaged with pins 35 carried by the vertical edges of a back 36. When the hooks 33 are thus engaged with the pins 35 the sides 30 and the back 36 are positively and securely held in position. When the back 36 is swung to its upright position it is engaged with the rear ends of the sides 30 and is limited in its forward movement thereby.

The back 36 is hingedly supported by means of a pair of hinges, each of which consists of upper and lower straps 38 and 39 respectively. As illustrated in Figures 5 and 6, the upper strap 38 of each hinge is permanently secured to the back by means of screws 40 or other fastening devices, while the lower strap of each hinge is supported for sliding movement by means of a guide 41. However the sliding movement of each strap 39 is limited by means of a stop pin 43 carried by the guide and movable through a slot 44 extending longitudinally in the strap 39. When it is desired to position the chair as illustrated in Figure 1 the straps 39 of which there are two are moved downwardly to the limit of their movement in the guides 41 and the pins 35 are then engaged by the hooks 33 so as to support the back in position.

When it is desired to collapse the chair the sides 30 are first swung inwardly upon the seat 12 and the back is subsequently raised and then swung downwardly upon the sides 30. After this is done or before this is

done the link 27 is swung on its pivot 29 so as to draw the braces 22 inwardly and consequently swing the legs to their collapsed positions as illustrated in Figure 6.

In carrying out the invention the sides 30 may be provided with brackets 48 each of which is formed from a single length of metal bent intermediate its ends and having its intermediate portion provided with spaced openings 50 for the reception of the terminal portions of the attaching arms 52. As illustrated in Figure 2 the extended portions of the arms 52 are extended downwardly as indicated at 54 for disposing the major portions of the extended portions 52 beneath the attaching arms.

A tray 58 is provided with rearwardly extending portions 60 to which the attaching arms 52 are connected and by reference to Figure 1 it will be seen that the rearwardly extended portions 60 flatly contact with the upper edges of the sides 30 so as to reduce the strain on the terminal portions of the arms 52 to a minimum.

The improved tray may be conveniently connected to the brackets 48 upon setting up the chair and when it is desired to collapse the chair, the tray may be conveniently disconnected by simply moving the same upwardly and forwardly.

When the chair is folded, the same may be held in a collapsed position by means of a holding strap 70 connected to the back 60 and having means whereby the same may be detachably connected to the bottom of the body. The strap 70 provides a convenient carrying means for the chair when folded.

Having thus described the invention what I claim is:—

A nursery chair comprising a body, legs hinged thereto, U-shaped bracing members having sides pivoted to the intermediate portions of said legs, and a holding link pivoted intermediate its ends to said body and having angularly directed end portions provided with slots slidably receiving the bight portions of said braces, the inner walls of said slots constituting a means for holding the braces and said legs in extended positions.

WILLIAM WADE CHRISMAN.