

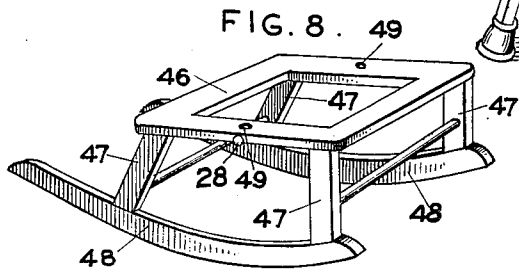
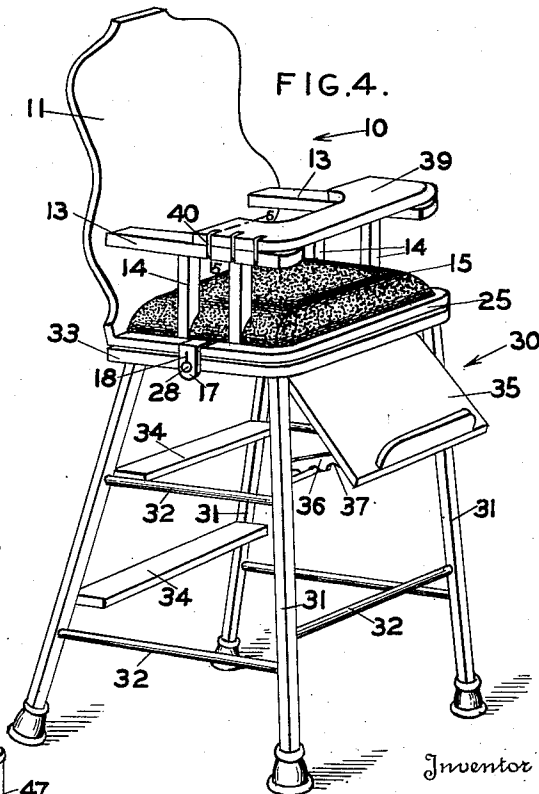
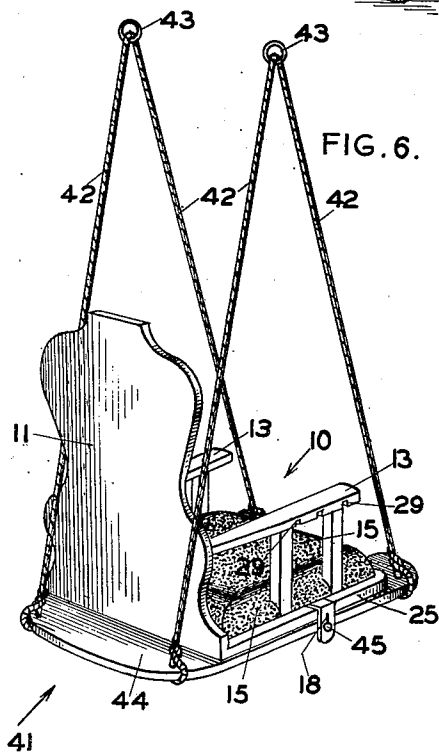
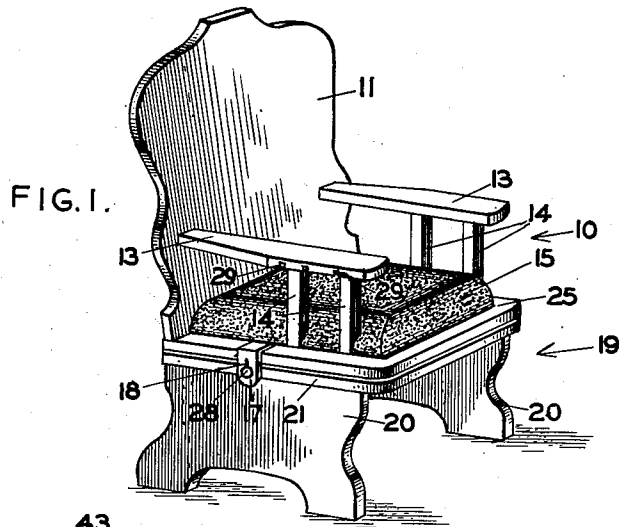
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CHAIR CONSTRUCTION

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2 Sheets-Sheet 1



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CHAIR CONSTRUCTION

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3 Claims. (Cl. 155—31)

1

My invention relates to chair constructions and more particularly to chairs adapted to be used by children.

The object of my invention is to provide a chair construction which can be adapted for a plurality of purposes in the use by children.

Another object of my invention is to provide a chair construction the seat and back whereof are removable as one unit from their support without the use of any tool.

A further object of my invention is to provide a chair construction consisting of a plurality of units, each of which can be used individually for some purpose and at the same time can be used in combination with the seat and back unit for a different purpose.

Other objects of the invention may appear in the following specification describing my invention with reference to the accompanying drawings illustrating a preferred embodiment of my invention. It is however to be understood that my invention is not to be limited or restricted to the exact construction and combination described in the specification and shown in the drawings, but that such changes and modifications can be made which fall within the scope of the claims appended hereto.

In the drawings:

Figure 1 is a perspective view of a straight chair consisting of a back and seat forming one unit and a low supporting unit to which the seat unit is removably attached.

Figure 2 is a sectional view of the straight chair shown in Figure 1, a bowl or the like being shown supported by the supporting unit.

Figure 3 is a perspective view of the supporting unit of the straight chair shown in Figure 1.

Figure 4 is a perspective view of a high chair consisting of the back and seat unit shown in Figures 1 and 2 and a common high kitchen stool.

Figure 5 is a sectional view taken on line 5—5 of Figure 4 showing the manner in which the tray is removably fastened to the arms of the chair.

Figure 6 is a perspective view showing the back and seat being attached to a swing.

Figure 7 is a top view of the seat unit after removal of the cushion, and

Figure 8 is a frame of a rocker chair adapted to removably receive and support the back and seat unit shown in Figures 1 and 4.

The chair construction according to my invention has a unit 10 consisting of a back 11, a seat board 25, two side arms 13, and an un-

2

to be washed and treated by disinfectants, and having a base board 12.

On the seat board 25 two straps 17 are fastened in any convenient manner and each strap is provided adjacent its outer end with an eye slot 18. The seat 15 is placed removably on the seat board 25 and is securely held in position against accidental displacement by the arm supports 14, which are fastened to and extend upwardly from the seat board 25, and engage recesses in the seat 15 as indicated in Figures 1 and 4.

In Figure 1 a straight chair, and in Figure 2 a nursery chair consisting of a combination of this unit 10 with a low support frame 19 is shown which consists of two side boards 20 forming the legs of the frame 19 and a top board 21, to which side boards are fastened in any convenient and desired manner. As clearly shown in Figure 3 the center portion of the top board 21 is provided with a cut-out open toward the back and formed semi-circular at the front and having a circumferential flange 22 adapted to support a bowl 23 or the like, which can be slid into the cut-out from the back. Approximately on the transverse center line of the top board 21 a hole 24 is provided in said board adjacent each side edge thereof.

The seat board 25 has the same outside dimensions as the top board 21 and is provided with a circular hole 26 therein arranged concentrically with the semi-circular portion of the cut-out in top board 21. Inter-engaging means on the seat board 25 and the top board 21 hold the seat unit in position on the top board, said means embodying two round pegs 27 which extend downwardly from the seat board 25 and engage the holes 24 in the top board 21. On each side edge of the top board 21 a securing element like a button, knob 28 or the like is fastened and is adapted to engage the eye slot 18 of the corresponding strap 17 on the unit 10. The knobs 28 are located substantially on the vertical transverse plane of the frame 19.

Each arm 13 is provided with a plurality of transversely extending slots 29 in its lower surface and located in the forward half of said arms.

In Figure 4 a high kitchen stool 30 is shown having the usual four legs 31 with brace rods 32 extending between them to stiffen and reinforce them. The stool has a top board 33, and between the rear legs 31 a plurality of steps 34 are arranged to permit the use of the stool as a step ladder. Underneath the top board 33 of the stool and adjacent the front edge thereof a seat

ment bar 36 thereon. Said bar is provided with a plurality of semi-circular notches 37 adapted to selectively engage the top brace rod 32 between the front legs to secure the foot rest in adjusted position. In each side edge of the top board 33 of the stool 30 a knob 23 is fastened adapted to engage the corresponding eye slot 18 of the unit 10, when the same is used in connection with the stool. The top board 33 has the same outside dimensions as the seat board 25.

A tray 39 may be used in connection with the high chair formed by the units 10 and 30. This tray will rest on the arms 13 and is removably fastened thereon by means of holding clamps 40 engaging the top of the tray and the transverse slots 29 in the under side of the arms 13.

In Figure 6 a swing unit 41 is shown having two ropes 42 or the like supported by rings 43. A swing board 44 is fastened to the ends of the ropes 42 in any convenient manner. This board is just as wide as the seat board 12 of the unit 10 and has on the center part of its side edges two knobs 45 adapted to engage the eye slots 18 when the unit 10 is used in connection with the swing unit 41.

In Figure 8 a low support frame 46 is shown resting on four legs 47 which in turn are fastened onto rockers 48. The support frame 46 has the same dimensions as the seat board 25 and is provided with two holes 49 adapted to receive the pegs 27 on the seat board 25. On the side members of the frame 46 two knobs 28 are fastened adapted to engage the eye slots 18 in the straps 17 of the back and seat unit 10. When this unit is placed on the support frame 46 and is secured thereon by the pegs 27 and the straps 17 a comfortable rocking chair is obtained.

The back and seat unit 10 can be easily and readily attached to the rocker frame 46 and this can also be done without the use of any tool.

From the above description it is clear to see that the low support frame 19 by itself serves the purpose of a commode for children. By attaching the unit 10 thereto a comfortable straight chair is obtained and this can be effected without the use of any tools.

The kitchen stool and ladder 30 can be easily and quickly converted into a high chair by combining the unit 10 therewith, and this can also be done readily and without the use of any tools.

The swing unit 41 can be used by older children, but when a baby is to be put onto it, the easy attachment of unit 10 thereto converts the swing 41 to a safe and comfortable swing for this purpose.

Having described my invention what I claim and desire to secure by Letters Patent is:

1. A chair construction, including a support unit having legs and a top board, said board having a rearwardly open cut-out therein, the forward end of said cut-out being semi-circular, a circumferential flange surrounding the cut-out and adapted to support a bowl, a pair of holes in said board, and a knob on each side edge of said board, a seat unit having a seat board fitting on

said top board, a circular hole in said seat board concentrical with the semi-circular portion of the cut-out in the top board, when the seat board is positioned on the top board, a pair of pegs extending downwardly from the seat board, a cushion adapted to be arranged on the seat board and to cover said round hole, and a strap on each side of the seat board having an eye slot therein adapted to receive the corresponding knob on the top board.

2. A chair construction, including a support unit having legs and a top board, said board having a rearwardly open cut-out therein, a flange surrounding said cut-out and adapted to support a bowl, a seat unit having a seat board fitting on said top board, there being a hole in said seat board, the hole of said board being in alignment with said cut-out when the seat board is positioned on said top board, a cushion adapted to be arranged on said seat board and covering the hole in the latter, a securing element on each side of said top board, a strap on each side of said seat board and carried by the latter, and means on each of said straps and engageable with the securing element adjacent thereto for connecting the straps to said elements.

3. A chair construction, including a support unit having legs and a top board, said board having a rearwardly open cut-out therein, a flange surrounding said cut-out and adapted to support a bowl, a seat unit having a seat board fitting on said top board, there being a hole in said seat board, the hole of said board being in alignment with said cut-out when the seat board is positioned on said top board, a cushion adapted to be arranged on said seat board and covering the hole in the latter, inter-engaging means on said seat board and said top board for holding the seat unit in position on said top board, a securing element on each side of said top board, a strap on each side of said seat board and carried by the latter, and means on each of said straps and engageable with the securing element adjacent thereto for connecting the straps to said elements.

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