Nov. 22, 1955 R. R. WARNER 2,724,429

TRAY ATTACHMENT FOR HIGH CHAIRS

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Fig. 1

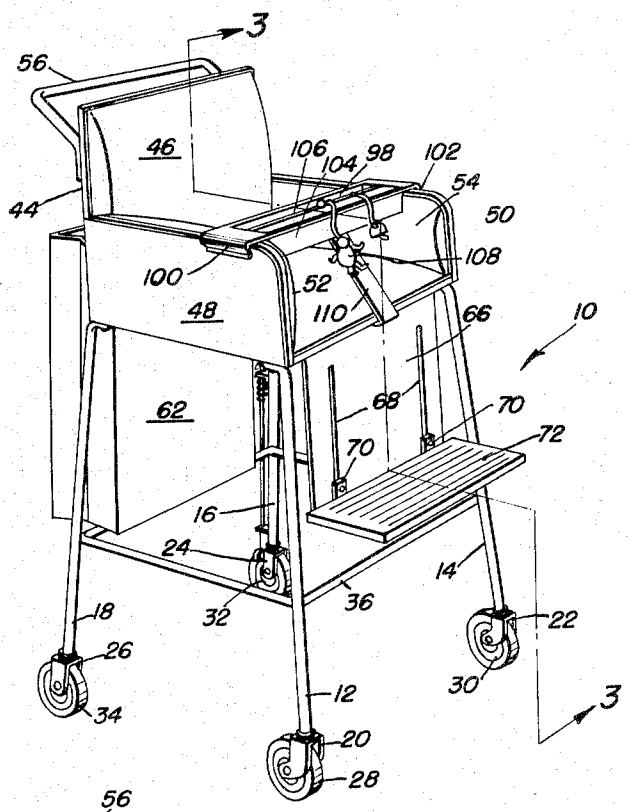


Fig. 2

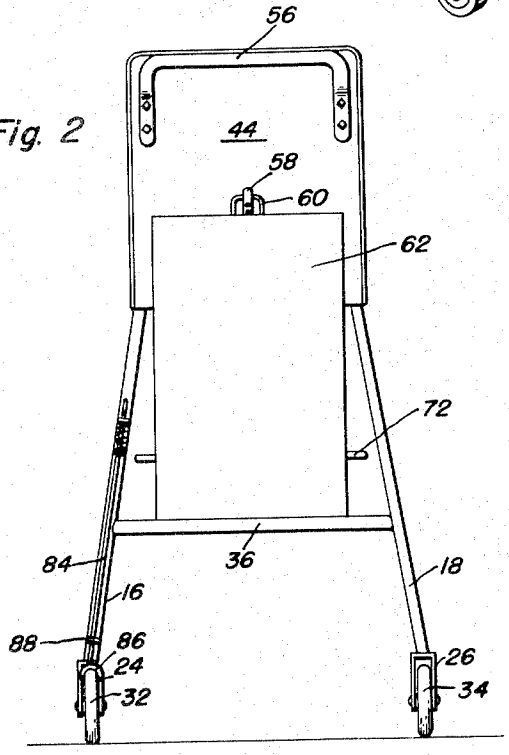
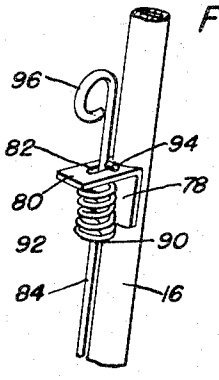


Fig. 5



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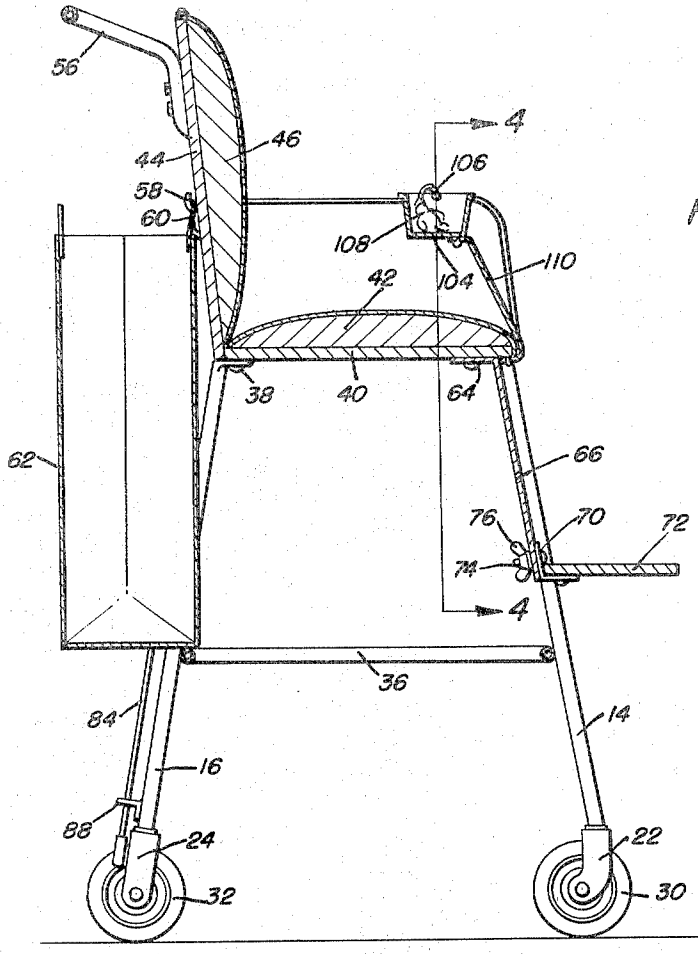


Fig. 3

Fig. 4

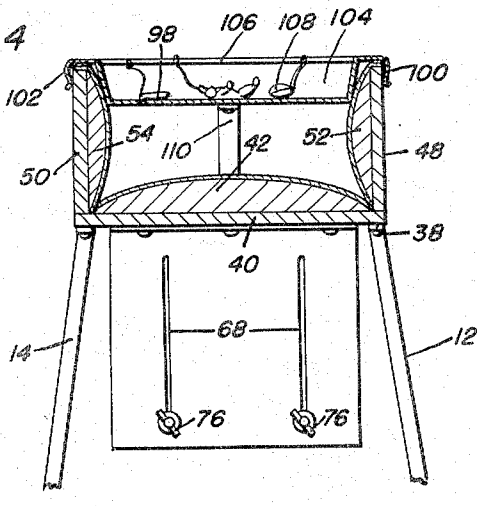
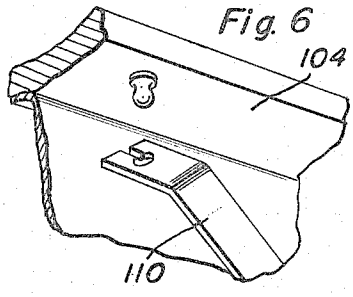


Fig. 6



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2,724,429

TRAY ATTACHMENT FOR HIGH CHAIRS

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Application November 10, 1952, Serial No. 319,681

1 Claim. (Cl. 155—127)

This invention relates to an article of children's furniture and more particularly to a wheeled high chair.

The primary object of this invention is to provide a mobile chair for use by department stores, baby shops, grocery stores, etc. as a service to customers who are accompanied by a small child so as to aid the customer in carrying the child from one location to another.

Another object of this invention is to provide an article of furniture for use by children which will readily enable a small child or tot to be conveyed in a convenient and secure manner, which article of furniture serves the purposes usually associated with a high chair when it is necessary to feed or otherwise care for the child.

The construction of this invention includes the use of downwardly extending legs supporting a seat. The legs are provided with wheels and such enables the high chair to be readily moved from one location to another. The seat is suitably upholstered and there is provided a back rest together with side panels which are also suitably upholstered. A novel tray resiliently engages the side panels to provide a working surface for the child while securely holding him in position in the high chair. A push bar is provided for maneuvering the high chair and a shopping bag may readily be suspended from the back rest.

Still further objects of the invention reside in the provision of a mobile high chair that is strong, durable, highly efficient in operation, simple in construction and manufacture and which is highly attractive in appearance.

These together with the various ancillary objects of the invention which will become apparent as the following description proceeds, are attained by this mobile high chair, a preferred embodiment of which has been illustrated in the accompanying drawings, by way of example only, wherein:

Figure 1 is a perspective view of the wheeled high chair comprising the present invention;

Figure 2 is a rear elevational view of the high chair showing the manner in which a shopping bag may be secured to the back rest, and showing in particular the construction of the brake mechanism associated with one of the wheels of the high chair;

Figure 3 is an enlarged vertical sectional view as taken along the plane of line 3—3 in Figure 1;

Figure 4 is a vertical sectional view as taken along the plane of line 4—4 in Figure 3, showing the construction of the tray as associated with the side panels of the high chair;

Figure 5 is a perspective detail of the brake actuating mechanism, and

Figure 6 is a perspective detail of means for retaining a child in the chair.

With continuing reference to the accompanying drawings wherein like reference numerals designate similar parts throughout the various views, reference numeral 10 generally designates the mobile high chair comprising the present invention. This mobile high chair 10 includes downwardly extending divergent leg members 12, 14, 16 and 18. Substantially U-shaped members 20, 22, 24 and 26 are rotatably secured on the legs 12, 14, 16 and 18 respectively, and wheels 28, 30, 32 and 34 are carried by the U-shaped members. An inner rectangular brace member 36 suitably rigidifies and braces the legs.

The legs may be readily constructed from any suitable material such as stainless steel tubing, or chromium plated pipe which can be readily secured by means of rivets or screws 38 to the bottom of a seat member 40 having suitable upholstery 42 secured to it. Positioned so as to engage the seat 40 in abutting relationship and welded or otherwise secured to it is a back rest 44 which is provided with a back cushion 46 suitably upholstered. Side panels 48 and 50 are attached to the seat 40 by any suitable means and are provided with upholstered cushions 52 and 54 respectively. It is preferred to use a suitable washable plastic material which is resistant to wear as the upholstery.

Secured to the back rest 44 is a substantially U-shaped push bar 56. Below the push bar, a suitable hook 58 is attached to the back rest 44 for engagement by an eye 60 attached to a shopping bag 62 or like container which is adapted to extend downwardly from the hook 58 and rest in engagement with the rectangular brace 36.

There is secured to the seat member by suitable screws 64, or rivets, an inverted L-shaped riser member 66 which is provided with a pair of elongated slots 68 therein. L-shaped brackets 70 attached to a step member 72 are provided and have bolts 74 extending therethrough which also extend through the slots 68 and are engaged by wing nuts 76. By selectively loosening the wing nuts 76, slidably adjusting the step 72 and then tightening the wing nuts 76, the step 72 may be vertically adjusted so as to provide an adequate foot rest for the child.

Carried by the leg 16 is a bracket 78 which has an outwardly extending flange 80 having an aperture 82 therethrough. Extending through the aperture 82 is a rod 84 which has a friction brake member 86 at the lowermost end for engagement with the wheel 32. Another flange 88 is provided for guiding the rod 84. A lug 90 is attached to the rod 84 and a coil spring 92 coaxial with the rod 84 is positioned over the rod 84 and biases the lug 90 and the flange 80. Another lug 94 is secured on the rod 84 and is adapted to extend through the aperture 82 when the rod 84 is rotated. An eye member forming a handle 96 is provided at the upper end of the rod 84. Obviously the rod 84 is swivelly mounted relative to the brake member 86. Hence, upon rotation of the eye member 96 the spring 92 will force the rod 84 and the brake member 86 against the wheel 32.

A tray 98 which is provided with resilient clips 100 and 102 at its ends is adapted to be positioned in embracing relationship with the side panels 48 and 50. An outwardly extending trough 104 is formed in the tray in which a child may place his toys, beads, or any other suitable item. Extending transversely across the trough 104 is a grab bar 106 which enables the child to raise himself or otherwise support himself while the vehicle is being maneuvered. The grab bar 106 also performs at the additional function of providing means for securing toys 108 to the high chair. Furthermore, when it is desired to provide a platform for a dish of food, the bar together with the sides of the tray provide a three point suspension for securely holding the plate in position. Since the clips 100 and 102 resiliently, adjustably, clampingly engage the substantially rigid outer surfaces of the side panels 48 and 50, the entire tray provides means for securely holding the child in position on the high chair. A bar 110 is provided for retaining the child

in his seat and extends between the tray 98 and the seat member 40.

Since from the foregoing, the construction and advantages of this wheeled high chair are readily apparent, further description is believed to be unnecessary.

However, since numerous modifications will readily occur to those skilled in the art after a consideration of the foregoing specification and accompanying drawings, it is not intended to limit the invention to the precise embodiment shown and described, but all suitable modifications and equivalents may be readily resorted to that fall within the scope of the appended claim.

What is claimed as new is as follows:

For use in combination with a high chair having side panels with a substantially rigid outer surface and a cushioned upholstered inner surface, the improvement comprising a tray extending between the side panels,

said tray including resilient downwardly extending clips extending over said side panels and resiliently, clampingly, adjustably engaging the substantially rigid outer surface, said tray including a downwardly extending trough, and a grab bar extending across said trough substantially flush with the upper surface of said tray.

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