Feb. 21, 1950 S. POURCH ET AL 2,498,576

BABY TRAVEL CHAMBER

Filed Oct. 16, 1945

Fig. 4.

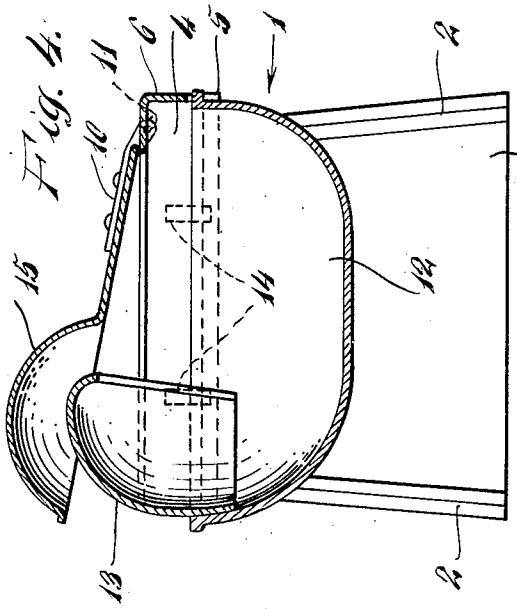


Fig. 2.

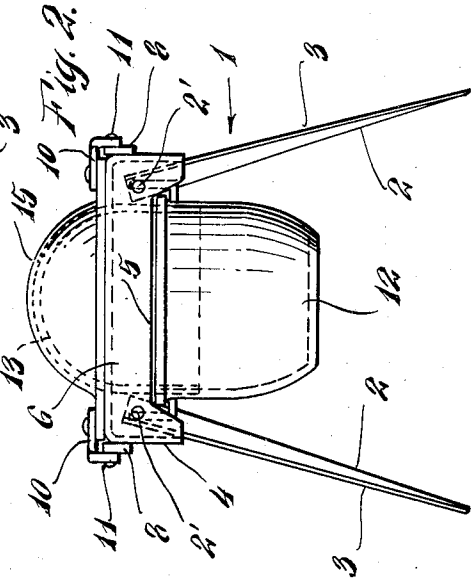


Fig. 3.

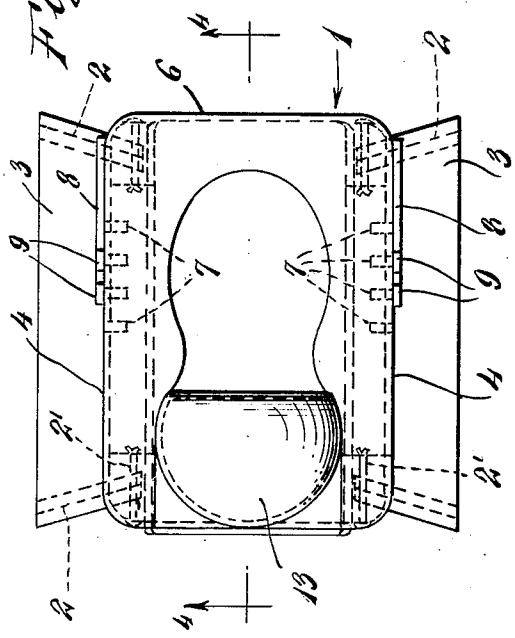
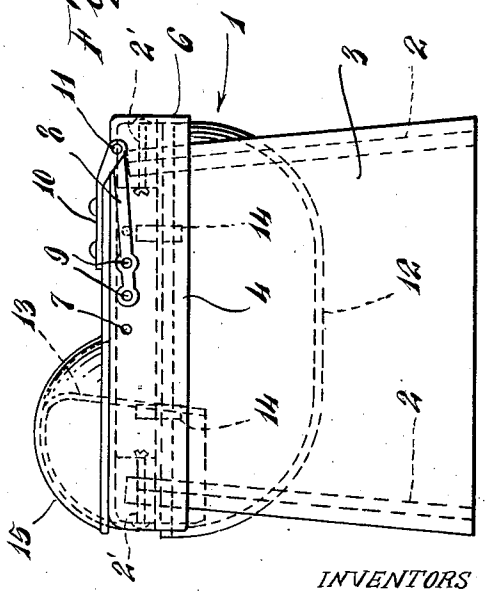


Fig. 1.



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BABY TRAVEL CHAMBER

Sidney Pourch and Helen Pourch, New York, N. Y.

Application October 16, 1945, Serial No. 622,526

1 Claim. (Cl. 4—116)

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This invention relates to improvements in devices for use in defecation and urination by small children; and it relates more specifically to improvements in baby travel chambers as disclosed in our co-pending patent application Serial No. 588,754.

The objects of our improvement are as follows:

First, the provision of a device of the character described which consists of only five main parts that can be pressed or cast of plastic material or of any other similar substance;

Second, the provision of a device of the character described which is of less width than the device described in our co-pending patent application Serial No. 588,754, so that it—before or after it has been used—can be carried more conveniently in any suitable bag or envelope, and which has a tightly closing top cover so that the entire closed device can be carried to a lavatory for emptying it and for rinsing it after use; this latter feature makes it unnecessary to detach the chamber vessel from the device and to carry said vessel through a train or through any other crowded place to a lavatory;

Third, the provision of a device of the character described which has at its front portion an upwardly protruding shell-shaped member which serves as a shield for facilitating the urinating into a chamber vessel that is attached to the device and for preventing the wetting of the seat portion of the device or of the floor on which the device stands.

Fourth, the provision of a device of the character described which allows a horizontal adjustment of the open top cover, so that this cover can be used as a back rest which causes the child to sit in the proper position and which can be properly adjusted for this purpose according to the size of the child.

Further objects of the instant invention reside in any novel feature of construction or operation or novel combination of parts present in the embodiment of the invention described and shown in the accompanying drawing within the scope of the appended claim.

In the drawing:

Figure 1 is a side elevation of a preferred embodiment of our invention as it appears when it is closed;

Fig. 2 is a rear elevation of the same;

Fig. 3 is a top plan view of the device as it appears after the removal of the top closure; and

Fig. 4 is a sectional view on the line 4—4 of Fig. 3.

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Similar reference characters refer to similar parts throughout the several views.

The main portion 1 of the device is supported by legs 3 which consist preferably of a pair of supporting plates that are provided with reinforcement ribs 2.

The legs 3 are pivoted to a rectangular frame-like seat 4 at 2', so that they can carry out a limited angular movement relative to seat 4. The seat 4 is substantially U-shaped in transverse and longitudinal cross-section, and its rear flange 6 is provided with a recess 5 (Figs. 2 and 4) for receiving the top rim of a chamber vessel 12. The longitudinal side flanges of the seat 4 are provided with a plurality of bores 7 for receiving pins 9 which are secured to and protrude inwardly over a pair of rods 8. A pair of levers 10, which are secured to the rear portion of a top cover 15 are hinged to the rods 8 at 11. The vessel 12 is shiftably attached to the lower side of the seat 4 by means of clamps or angular members 14 or in any other suitable manner. The seat 4 has an opening similar to that of a toilet seat, as may be seen in Fig. 3, and a shell-shaped member 13, which is preferably made as a unit with the front portion of seat 4, protrudes upwardly and downwardly over the seat 4. The member 13 extends between the upper thigh portions of a child sitting on the device and serves—particularly in the case of boys—as a shield for deviating the urine and leading it into the vessel 12, thus preventing a wetting of the floor and of the seat 4.

When the cover 15 is open and in substantially upright position, it serves as a back rest, and it can be horizontally adjusted according to the size of the child by inserting the pins 9 into any suitable pair of the bores 7, so that the child will sit close to the shell-shaped member 13.

The cover 15 is provided with a bulged front portion adapted to encompass the upwardly protruding portion of the part 13 when the cover 15 is closed.

While normally it will not be necessary to remove the vessel 12 from the seat 4 for flushing, emptying and cleaning the vessel 12, if a removal of the vessel 12 is desired this can be carried out by shifting it forwardly towards the shell shaped member 13 until its rim is out of engagement with the rear clamps 14, then raising its front portion and disengaging it from the front clamps 14.

Since certain changes may be made in the above article and different embodiments of the invention could be made without departing from the scope thereof, it is intended that all matter contained

in the above description or shown in the accompanying drawing shall be interpreted as illustrative and not in a limiting sense.

It is also to be understood that the following claim is intended to cover all of the generic and specific features of the invention herein described, and all statements of the scope of the invention which as a matter of language might be said to fall therebetween.

Having thus fully described our said invention, what we claim as new and desire to secure by Letters Patent is:

A baby travel chamber comprising a rectangular frame-like perforated toilet seat whose edge portions protrude beyond the lower side of its main portion and which has opposite rows of bores in its longitudinal edge portions, angular members, having their vertical sections secured to opposite lower portions of said seat while their horizontal sections extend into the space surrounded by the edge portions of the seat beneath the latter, a chamber vessel having an outwardly extending flanged rim which is in slidable engagement with the horizontal sections of said angular members, beneath the seat, a shell-shaped member made as a unit with said seat having an open lower section which registers with the first portion of the perforation of the seat and which extends through and beyond the lower side of the latter while its main section protrudes beyond

the upper side of the seat and is open toward the main portion of the seat perforation, a pair of rods each of which is provided at its front end portion with a pair of pins laterally protruding therefrom and adapted for engaging pairs of bores in the longitudinal edge portions of the seat, and a lid having an upwardly bulged front portion adapted for encompassing the main section of said shell-shaped member and having its rear extremity hinged to the rear ends of said rods.

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