Nov. 25, 1947. S. BRIEF ET AL 2,431,538

TRAVELING TOILET FOR INFANTS

Filed June 23, 1944 2 Sheets-Sheet 1

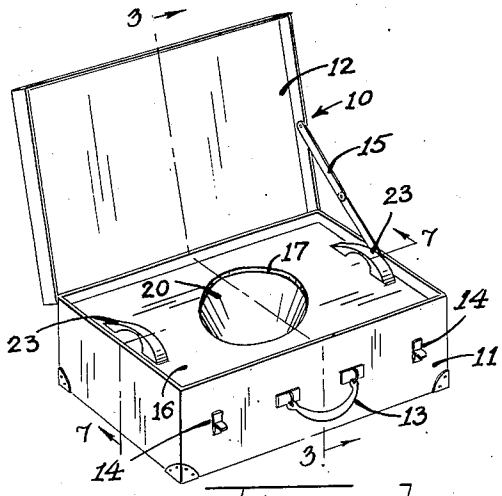


Fig. 1.

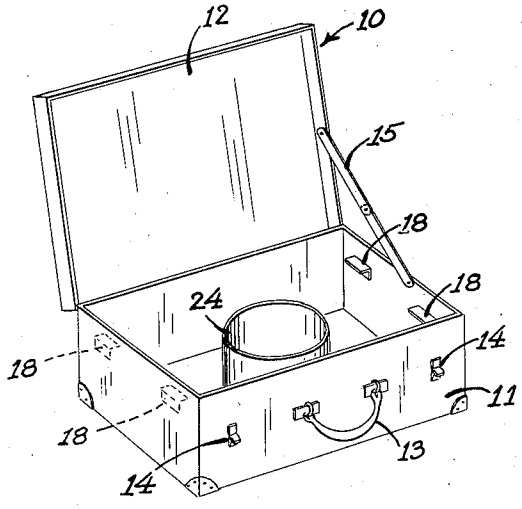


Fig. 2.

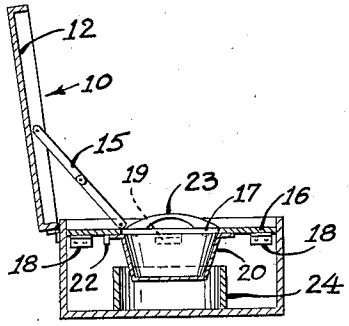


Fig. 3.

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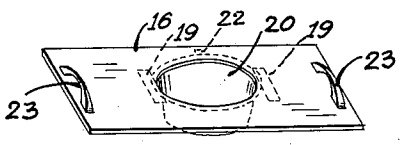


FIG 4

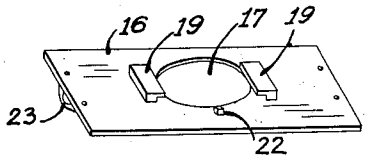


FIG 6

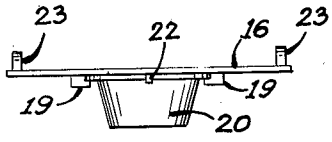


FIG 5

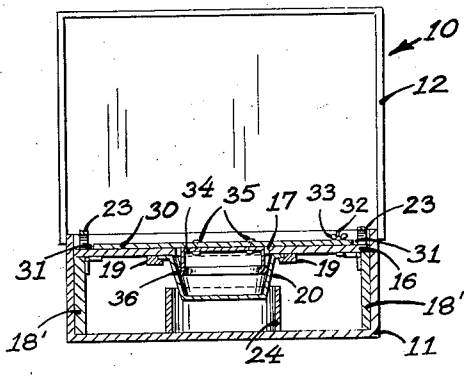


FIG 7

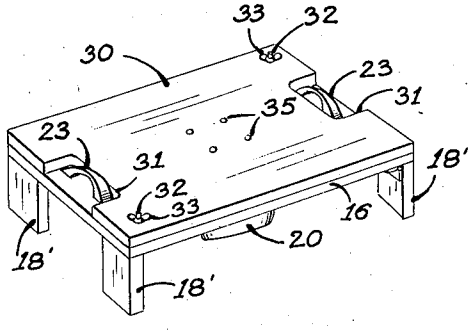


FIG 8

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TRAVELING TOILET FOR INFANTS

Samuel Brief and Sam Haddad, New York, N. Y.

Application June 23, 1944, Serial No. 541,761

1 Claim. (Cl. 4—135)

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This invention relates to new and useful improvements in a traveling toilet for infants.

More specifically, the invention proposes the construction of a traveling toilet for infants characterized by a suit case having an open top case and a cover for closing this open top. A board is mounted across and within the top of the case forming a seat with an opening therein upon which the infant may be positioned and beneath which a container is removably mounted.

A further object of the invention proposes a novel means for supporting the board in an elevated position within the open top case with the provision of tracks upon the bottom of the board for supporting the container in position beneath the opening.

Still another object of the invention proposes the provision of handles mounted upon the sides of the board by which it may be lifted and which are adapted to be engaged by the cover of the case in the closed position thereof for maintaining the board in position.

Still another object of the invention proposes the provision of a tube mounted within the open top case for engaging the container to hold it from shifting relative to the tracks by which it is supported on the bottom face of the boards.

Still another object of the invention proposes constructing an open top case in such a manner that the areas thereof about the tube may be used for carrying babies' articles such as, diapers, powders, oils, etc.

Still further, the invention proposes the provision of a cover board for extending across and releasibly secured to the top face of the board and provided on its bottom face with a cover for engaging into the container for tightly closing and sealing the same.

It is a further object of this invention to construct a traveling toilet for infants which is simple and durable and which may be manufactured and sold at a reasonable cost.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claim in which the various novel features of the invention are more particularly set forth.

In the accompanying drawing forming a material part of this disclosure:

Fig. 1 is a perspective view of a traveling toilet for infants constructed in accordance with this invention but without leg members as disclosed hereafter and in an open position.

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Fig. 2 is a view similar to Fig. 1, but illustrating the board removed therefrom.

Fig. 3 is a vertical sectional view taken on the line 3—3 of Fig. 1.

Fig. 4 is a top perspective view of the board with the container in position therebeneath.

Fig. 5 is a front elevational view of Fig. 4.

Fig. 6 is a bottom perspective view of the board per se.

Fig. 7 is a sectional view taken on line 7—7 of Fig. 1 but illustrating the invention with leg members in position.

Fig. 8 is a perspective view of the board used in the form shown in Fig. 7.

A traveling toilet for infants, according to this invention, includes a suit case 10 having an open top case 11 and a cover 12 for closing the same. The case 10 is provided with the usual handle 12 and lock members 14 for retaining the cover 12 in a closed position. A linkage 15 is provided between the case 11 and the cover 12 for retaining the cover in a rearwardly inclined open position. The board 16 is mounted across and within the top of the case forming a seat upon which an infant is adapted to be seated. The board 16 is formed for a centrally located opening 17. The board 16 has its side edges rested upon angle members 18. The angle members 18 are secured in position upon the end walls of the case 11.

Parallel track sections 19 are mounted on diametrically opposite sides of the opening 17 on the bottom face of the board 16. The tracks 19 are provided for supporting a container 20 in position beneath the opening 17. The container 20 is provided with an upwardly extending flange 21 which slidably engages the track sections 19. One side of the opening 17 has a stop 22 mounted on the bottom face of the board 16 between the track 19 for limiting the disengagement of the container 20 from the track 19 in one direction.

The top face of the board 16 is provided at its ends with handles 23. Handles 23 provide a means by which the board 16 may be easily lifted out of an open top case 11 in the open position of the cover 12. In the closed position of the cover 12 the inside face of the cover will abut against the top of the handles 23 and maintain the board 16 in a position resting upon the angle members 18.

The bottom wall of the open top case 11 is provided with an upwardly extending tube 24 into which the bottom end of the container 20 is adapted to extend itself. With the container 20 engaged into the tube 24 the tube will maintain the container against shifting relative to the

tracks 19. Thus the tube 24 acts to retain the container in an aligned position with the opening 17. Furthermore, the tube 24 divides off the remaining inside area of the open top case permitting this area to be used for carrying babies articles.

In Figs. 7 and 8 the construction of the traveling toilet for infants is similar to that previously described except for the provision of pivotally mounted leg members 18' on the bottom face of the board 16 for supporting the board in an elevated position within the top of the open top case 11.

In addition, a cover board 30 is provided which extends over the board 16 and which is provided at diametrically opposite sides with cutouts 31 for accommodating the handles 23. Opposite corners of the cover board 30 are provided with openings through which vertical screws 32 are adapted to pass. These vertical screws extend from and are fixedly mounted on the board 16 and are adapted to receive thumb nuts 33 for releasably retaining the cover board in position upon the top face of the board 16.

The bottom face of the cover board 30 is provided with a cover for closing the open top of the container 20. This cover is characterized by an inverted cup shaped member 34 mounted upon the bottom face of the cover board 30 by means of rivets 35. The open bottom of the inverted cup shaped member 34 extends itself through the opening 17 and into the open top of the container 20. The bottom edge of the inverted cup shaped member 34 is provided with rubber 36 which engages the inclined side walls of the container 20 sealing the open top thereof.

Normally the cover board 30 will be in the position shown in Fig. 7 closing the top of the container 20 and sealing it against spilling the contents thereof. When it is desired to use the construction it is merely necessary to remove the thumb nuts 33 and lift the cover board 30 out of its position superimposed upon the board 16 exposing the opening 17.

In other respects like reference numerals identify like parts in each of the several views.

While we have illustrated and described the preferred embodiments of our invention, it is to be understood that we do not limit ourselves to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claim.

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

A portable suitcase toilet for infants comprising a suitcase receptacle and a lid member, a tubular member mounted in said receptacle at the center thereof and constituting an inner guide member, a board fitting into the receptacle, foldable legs for supporting the board at the top of said receptacle and said board having a central opening, tracks on the under side of said board having undercut portions flanking said opening at the opposite sides thereof, a vessel flanged at its upper peripheral edge and arranged to be suspended from said board by engagement of said flanged edge with said tracks, said vessel depending into said guide member and being prevented from leaving said tracks thereby, the portions of the receptacle unoccupied by the tubular guide member constituting auxiliary container areas, a cover panel, means for detachably securing the cover panel to said board, an inverted cup-shaped closure member secured to the under side of said cover panel and extending through the opening in the board to engage the inner wall of said vessel to seal the latter, handles on said board for lifting the same, and cut-outs in the panel through which said handles extend to be engaged by the lid member when the suitcase is closed.

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SAM HADDAD.

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