Feb. 20, 1934. E. V. ISOM 1,947,940

CHILD'S TRAVELING CASE TOILET AND CHAMBER THEREFOR

Filed Sept. 16, 1932

Fig. 1.

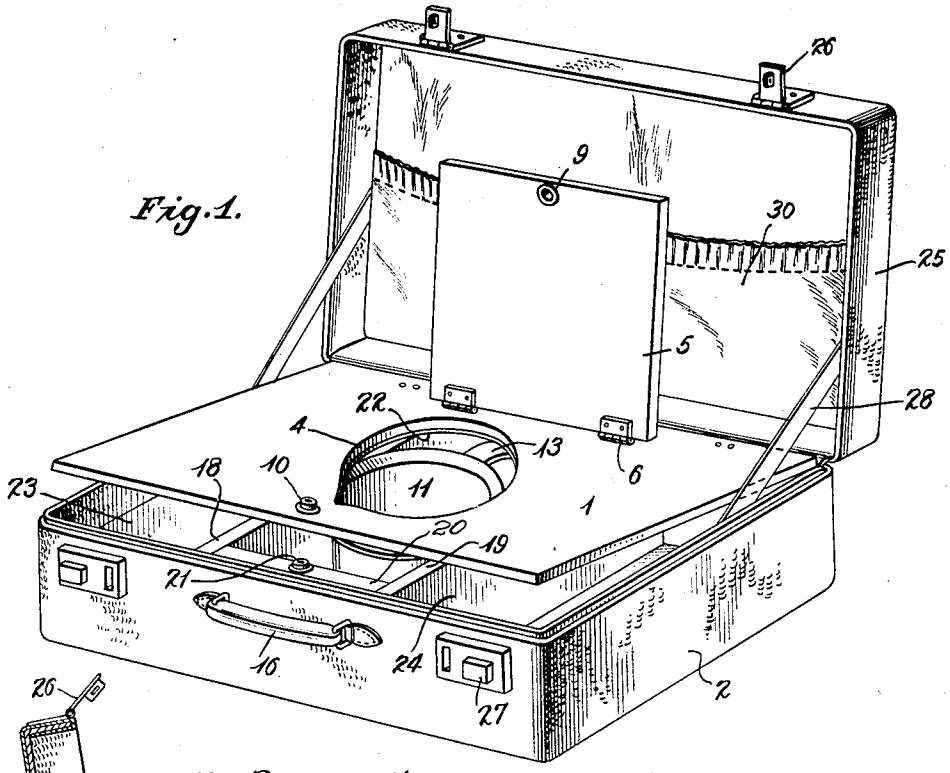


Fig. 2.

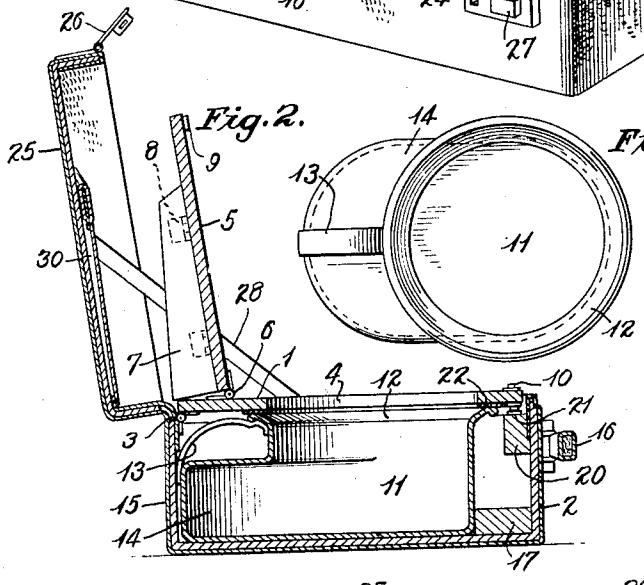


Fig. 5.

Fig. 3.

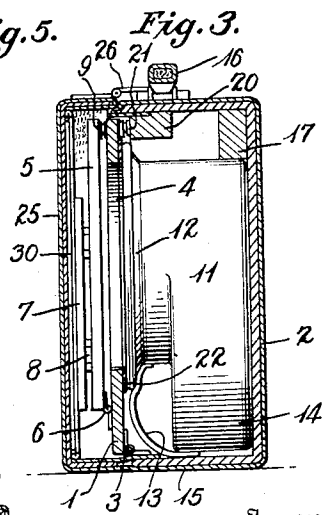
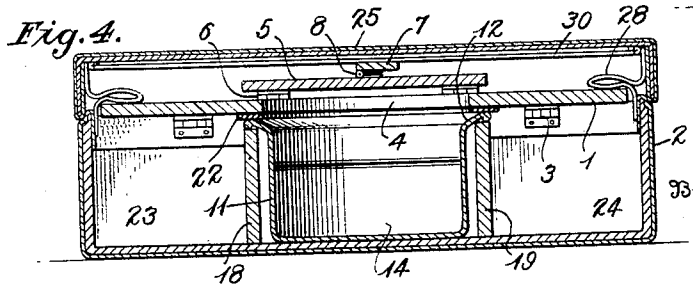


Fig. 4.



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CHILD'S TRAVELING CASE TOILET AND CHAMBER THEREFOR

Elizabeth V. Isom, Mitchell, Ind.

Application September 16, 1932
Serial No. 633,528

4 Claims. (Cl. 4—137)

My invention relates to a child's portable toilet or toilet seat and particularly to a device of this character contained in and forming a part of a traveling case or carrying case and to a chamber of a particular type of construction adapted to be used and carried therein.

Much trouble and inconvenience are experienced in caring for the frequent toilet needs of infants and young children in the home and more especially while away from home visiting or traveling by train or automobile. Often times when the child needs attention either there is no toilet available, or it is inconvenient for the mother to leave her duties for the length of time which would be required to take the child to the toilet. The need of a portable toilet or toilet seat has long been experienced. To fill this need small commodes or chairs provided with chambers have been in use for a great many years. Their portability, however, is extremely limited, and their usefulness is confined practically to the home. To provide conveniences of this kind which are more readily portable and more generally useful, folding chairs and seats have been devised, which are so constructed as to enclose or be placed above a chamber. Certain of the devices of this character heretofore designed are adapted to be folded or taken apart and packed in a traveling case when not in use. Such devices are bulky, clumsy and inconvenient to handle and transport, and because of their knock-down condition when in the traveling case or other container, are not immediately or readily available for use.

The device which I have invented provides a child's toilet which is immediately available at all times, which is ready for transportation with no more preparation than is involved in the mere closing of a traveling-case, and which, by reason of the novel construction of chamber contained in the traveling-case toilet, may be transported in the manner of a traveling-case without the trouble and inconvenience of emptying the chamber of its contents.

One of the objects of my invention is the provision of a child's toilet or toilet seat, incorporated in a traveling-case, and so constructed, arranged and secured therein as to be in compact condition, conveniently portable and immediately accessible and ready for use.

Another object of my invention is a compact child's toilet which may be made ready for toilet use or for transportation without the trouble and inconvenience of folding the seat and packing the folded seat and chamber into a carrying-case or other container. My device provides a toilet seat and a chamber within a traveling-case, adapted to be used for the child's toilet needs without removal, unpacking or preparation of the parts of the device for use, and further adapted to be transported as a whole in the same manner as the ordinary traveling-case without packing, folding or preparation of any kind, and made ready for transportation immediately by merely closing the case.

A still further object of the invention is the provision of a chamber so designed and constructed that it may be placed in a traveling case, may be used in its usual upright position for a child's toilet needs, and, when the traveling case is being carried, will without alteration of its position or rearrangement in the case, assume a position on its side, at a right angle to its position when in use, without emptying or spilling its contents. Thus the chamber, after it has been used, may be carried in the case until there is an opportunity to empty it.

The portable toilet and chamber which constitute my invention and by which I accomplish the aforementioned and other objects and advantages will be explained in detail in the following description and in the accompanying drawing, wherein:

Figure 1 is a perspective view of my invention, with the traveling case open, and the toilet seat slightly raised to show the chamber,

Figure 2 is a central transverse sectional view of the device shown in Figure 1, but with the seat down, ready for use,

Figure 3 is a central vertical transverse sectional view of my device with the case closed and in position to be transported, the chamber being shown in elevation,

Figure 4 is a central longitudinal sectional view of the device shown in Figure 1, but with the case closed, and

Figure 5 is a top plan view of the chamber shown in the other figures.

My invention comprises a toilet seat 1 secured in a traveling-case or carrying-case 2 by hinges 3, which may be at the rear side of the seat, as shown, or at one of the ends. The hinged attachment of the seat permits it to be raised to provide access to the interior of the case beneath. When in use, however, the seat will be down, as shown in Figure 2. The seat 1 has a toilet opening 4 therein, and behind the opening a combined lid and back-rest 5 is secured to the seat by hinges 6. The lid is provided with a brace 7 secured thereto by hinges 8, and adapted to be placed

in the position shown in Figure 2 to act as a support for the lid to enable it to function as a back-rest, and adapted to be turned down flat against the lid as shown in Figures 3 and 4, when the case is to be transported. The lid 5 when in closed position may be fastened to the seat by a snap-fastener 9—10.

Directly beneath the opening 4 in seat 1 the chamber 11 is positioned. The chamber is of special design for use in the traveling-case, having an upper rim 12, a handle 13 and an off-set well or compartment 14 which receives and holds the contents of the chamber without danger of spilling when the chamber is turned over on its side, as in Figure 3, when the traveling-case is in position to be carried. To function in this manner the chamber is positioned in the case 2 with its well portion 14 to the rear (as in Figure 2), so that it will be the lowermost part of the chamber when the case is closed and stood on its bottom 15 (as in Figure 3) or carried by its handle 16. The chamber 11 is braced and retained securely in its place beneath the opening 4 by a block 17 secured to the inside walls of case 2 at the front (when in use) or top (when being carried), and by other fixed blocks or partitions 18, 19 upon the tops of which the rim 12 of the chamber rests and is clamped by engagement of seat 1, which is supported at its free end upon a block or bracket 20, to which it may be detachably secured by a snap-fastener 21. To insure a firm, tight clamping engagement and prevent slipping and rattling of the chamber when the case is moved, a washer 22, preferably of felt, may be secured to the under side of seat 1 to lie between the seat and the rim of the chamber engaged by it.

The space within the case 2, between partitions 18, 19 and the end walls of the case affords compartments 23 and 24 which may be utilized for storing and carrying articles of clothing and various toilet accessories for the child. A pocket or pockets 30 may also be provided in the lid 25 of the case for the reception of the child's dresses or other clothing. Lid 25 is hingedly secured to case 2 in the usual manner, and when open swings back sufficiently far to remain open when the device is in the position shown in Figures 1 and 2; it is provided with the usual straps 28 to prevent it from opening too far, and with catches 26—27 of any suitable construction for fastening the case in closed condition.

Instead of the form of chamber 11 illustrated, with substantially straight side walls, a chamber having a constricted mouth formed by drawing in the upper portion of the symmetrical side walls, may be used.

I claim:

1. A child's portable toilet comprising a traveling case having a handle and adapted to be carried by hand, said case having a body portion and a lid hinged thereto, a toilet seat hinged to said case between the body portion and lid and having a toilet opening, a cover for said opening hinged to said seat, bracing means on said cover for supporting said cover in raised position to form a back rest for the child, a chamber in the body portion of said case beneath said seat and means for holding said chamber in fixed position when said case is in position for use of said toilet seat or is in position to be carried.

2. A child's portable toilet comprising a traveling case having a body portion with a bottom wall, a side wall and end walls, a lid secured to said body portion, a toilet seat hingedly secured to said case between the body portion and lid, and supported for use on the walls thereof, a chamber having an off-set well portion, said chamber being disposed in the body portion of said case beneath said seat, with its off-set well portion at the rear of the seat adjacent the bottom of said case, whereby said off-set well portion will be the bottom of said chamber and at the bottom of said case when said case is transported in the usual manner.

3. A child's portable toilet comprising a traveling-case having a body portion and a hinged lid therefor, a toilet seat hingedly secured in said traveling-case, and a chamber disposed in said body portion beneath said seat, said chamber having its side walls substantially symmetrical, except at one side where it is extended to form an off-set well portion, the upper wall of said well portion extending substantially at right angles from the side of the chamber substantially midway between its top and bottom.

4. A child's portable toilet comprising a traveling-case having a handle and adapted to be carried by hand, said case having a body portion and a lid hinged thereto, a toilet seat hingedly secured to said case between the body portion and lid, and a chamber supported on the body portion of said casing beneath said seat and clamped in position between said body portion and said seat by engagement of said seat with the top thereof.

ELIZABETH V. ISOM.