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S. K. TOHRNER

2,053,586

SANITARY PORTABLE COMMODE

Filed May 27, 1935

Fig. 1.

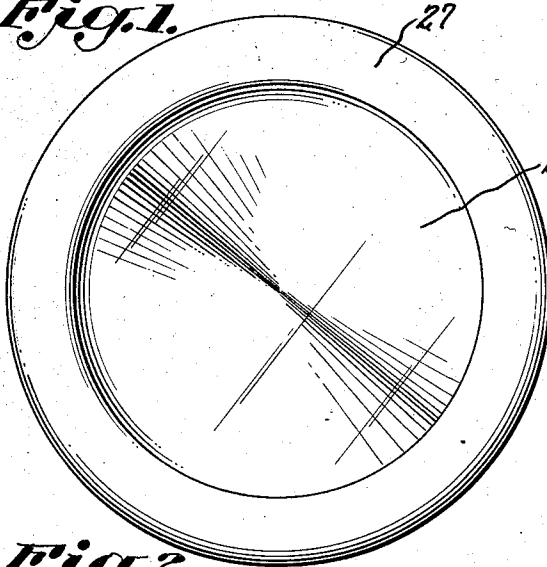


Fig. 5.

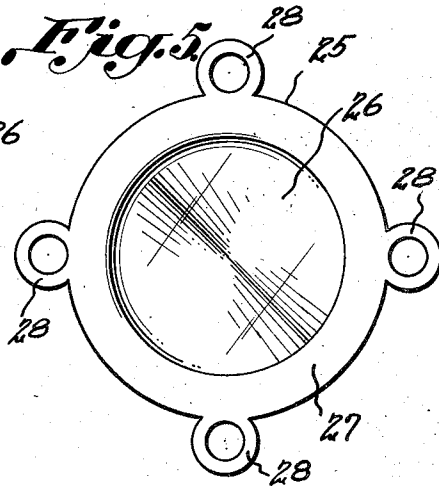


Fig. 2.

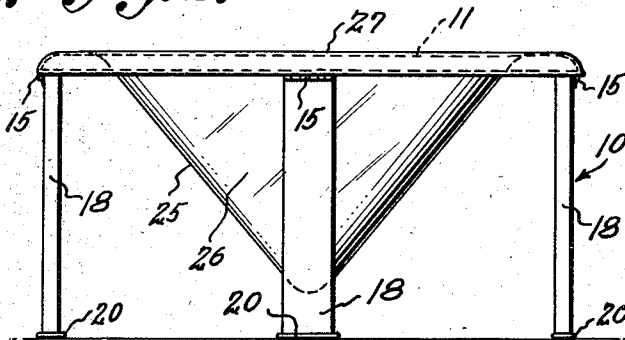


Fig. 6.

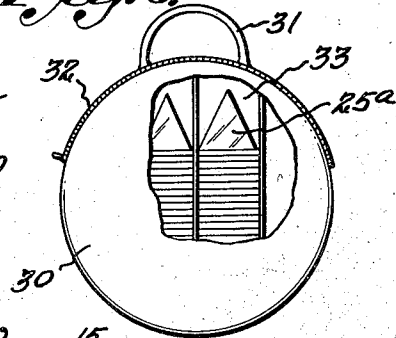


Fig. 3.

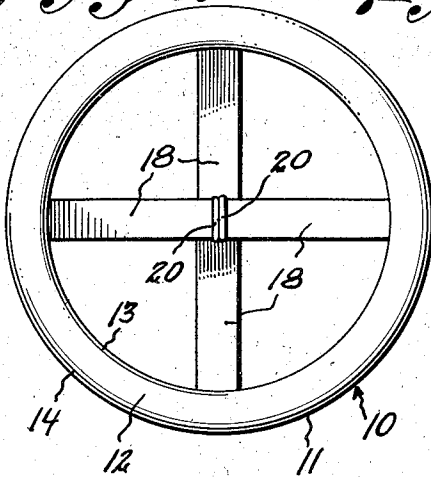
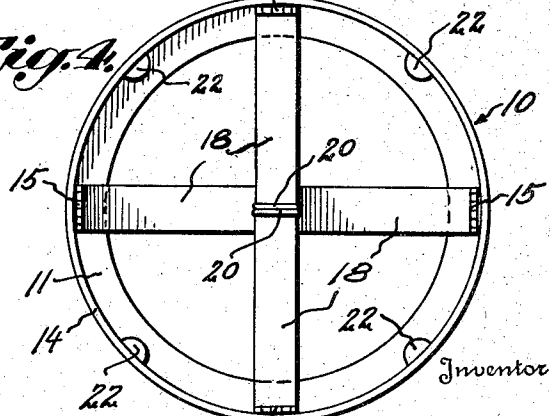


Fig. 4.



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SANITARY PORTABLE COMMODE

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5 Claims. (Cl. 4-142)

This invention relates to a portable sanitary commode or comfort chair for children.

The essential object of this invention relates to the provision of a collapsible seat structure to be used as a commode adapted to be folded up and inserted in a suitable container designed therefor, whereby the same may be easily carried and used by small children where regular toilet facilities are unavailable.

Another object of this invention relates to the use of especially designed sanitary containers or fillers made of a suitable waterproof material such as wax paper or a cellulose product of manufacture.

A further object of this invention relates to the design of the collapsible seat whereby the same is provided with means adapted to receive and have secured thereto the above mentioned sanitary fillers.

A still further object of the invention relates to the design of a container for the foldable seat, which container is further designed to carry a supply of fillers or containers.

The present invention further resides in the combination, construction, and arrangement of parts illustrated in the accompanying drawing, and while there is shown therein what is now considered the preferred embodiment of this invention, it is to be understood that the disclosure thereof is illustrative only and not as limiting the invention.

In the drawing annexed hereto and forming a part hereof:—

Figure 1 is a plan view of the commode with one of the sanitary fillers placed thereon.

Figure 2 is an elevational view thereof.

Figure 3 is a plan view of the commode with the legs thereof in folded position.

Figure 4 is a bottom plan view of the same.

Figure 5 is a plan view of one of the sanitary fillers.

Figure 6 is a side view of the container or carrying case for the commode with a portion of the side broken away to show the compartment for storing a supply of the sanitary fillers.

Reference will now be made in greater detail to the annexed drawing in which the commode generally denoted by the reference character 10 is preferably made of a strong, light and rust-proof metal such as, for example, some aluminum alloy or other suitable metal or alloy having the above designated characteristics.

The commode 10 comprises an annular seat portion 11 preferably made of a single stamping having a rather wide face 12 provided with in-

ner and outer rounded peripheral edge portions 13 and 14.

Provided on the under surface of the seat 11 are hinges 15 rigidly secured to said seat in any suitable manner, not shown. These hinges 15 are arranged around the seat 11, 90° apart, so as to be in pairs, the hinges in each pair being diametrically opposite each other, as clearly shown in Figure 4. Secured to these hinges 15 are the legs 18 of the commode, each of equal length and of a size to permit radial folding thereof so that each will terminate substantially at the center of the annular seat 11. In view of this construction, the ends of the legs 18 constituting one pair will be either below or above the ends of the legs 18 constituting the other pair as clearly shown in Figures 3 and 4. The ends of each of the legs 18 are provided with rubber tips 20. The legs 18 are made of the same metal as the seat 11 and of any suitable shape that will insure strength and rigidity.

The hinges 15 are preferably of such a construction as to limit outward movement of the legs 18 beyond the vertical position thereof shown in Figure 2. The hinges 15 may also include any of the well known forms of snap action that will hold the legs 18 in their operative position, Figure 2, or in their folded position, Figures 3 and 4.

The outer peripheral edge 14 of the seat 11 is provided with spaced integrally inwardly directed lugs 22, the purpose of which is to be hereinafter described.

Adapted for use with the commode 10 are sanitary fillers, having the constructional form such as shown by the filler 25, in Figure 5. These fillers are preferably made of a disposable, water proof substance such as wax-paper, oiled-paper or some cellulose product of manufacture. The filler 25 is made conical in form so as to provide a conical receptacle 26 and is provided with a flange portion 27 that is adapted to engage the commode seat 11 when placed in position. To hold the filler 25 in place, the flange 27 is provided with integral ring or loop extensions 28 that are each adapted to be slipped over a lug 22 on the seat 11, in the manner readily apparent.

By virtue of the conical form of the filler 25 the same may readily be suitably folded to occupy a minimum of space.

In Figure 6 there is shown a container 30 which is adapted to receive the collapsed or folded commode 10. The container 30 is provided with a handle 31 and conventional "zip-

per" opening 32. The interior of the container 30 is provided with compartments 33 in which are stored the folded fillers 25a.

It is obvious from the above described structure that the commode 10 may be readily placed in use with a minimum of effort and manipulation. After use, the filler 25 may be quickly and easily removed and disposed of.

It is of course understood that the specific description of structure set forth above may be departed from without departing from the spirit of my invention as set forth in this specification and the appended claims.

Having thus set forth and disclosed the nature of this invention, what is claimed is:

1. A folded disposable filler for a portable collapsible commode so formed as to present when unfolded a conical receptacle portion, a radial flange formed along the peripheral edge thereof to provide a seat engaging portion, and a plurality of loop extensions formed integrally with said flange to attach said filler to said commode.

2. An article of the class described comprising an annular seat member provided along its outer periphery with a curved depending flange; a plurality of legs hingedly connected to the inside surface of said seat flange, said legs being arranged in pairs diametrically opposite each other and adapted to be folded radially inwardly; a plurality of lugs formed on the inside surface of said seat flange and arranged between the hinged connection of said legs; a disposable container positioned within said seat member and provided with a radial flange at the top thereof for seating engagement on said seat, and a plurality of perforated extensions projecting from said container flange adapted for engagement with said lugs to maintain said container in locked engagement with said seat member.

3. In the article as specified in claim 2, there being two pairs of legs, said legs being each provided with a flat foot portion, the length of said legs being such that when folded radially in-

wardly, the foot portions thereof will abut each other with the foot portions of one pair of legs being superposed over the foot portions of the other pair of legs.

4. An article of the class described comprising an annular seat member having a rounded upper surface, a plurality of circumferentially spaced legs hingedly connected to said seat member and adapted to depend vertically therefrom, said legs being adapted to be folded radially inwardly, a plurality of lugs projecting from the under surface of said seat member and arranged between the hinged connection for said legs, a disposable receptacle positioned within said seat member and provided with a radial flange at the top thereof for seating engagement on said seat, and a plurality of perforated extensions projecting from said container flange and adapted for engagement with said lugs to maintain said container in locked engagement with said seat member.

5. An article of the class described comprising an annular seat member having a rounded upper surface, a plurality of circumferentially spaced legs hingedly connected to said seat member and adapted to depend vertically therefrom, said legs being adapted to be folded radially inwardly, a plurality of lugs projecting from the under surface of said seat member and arranged between the hinged connection for said legs, a disposable receptacle adapted for accommodation within said seat member and provided with radially projecting means overlying the upper surface of said seat member, said means including a plurality of perforated extensions adapted to extend beyond the peripheral edge and beneath the under surface of said seat member for respective engagement with said lugs whereby to maintain said receptacle in suspended relation with respect to said seat member.

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