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CHILD'S PORTABLE CHAMBER-POT

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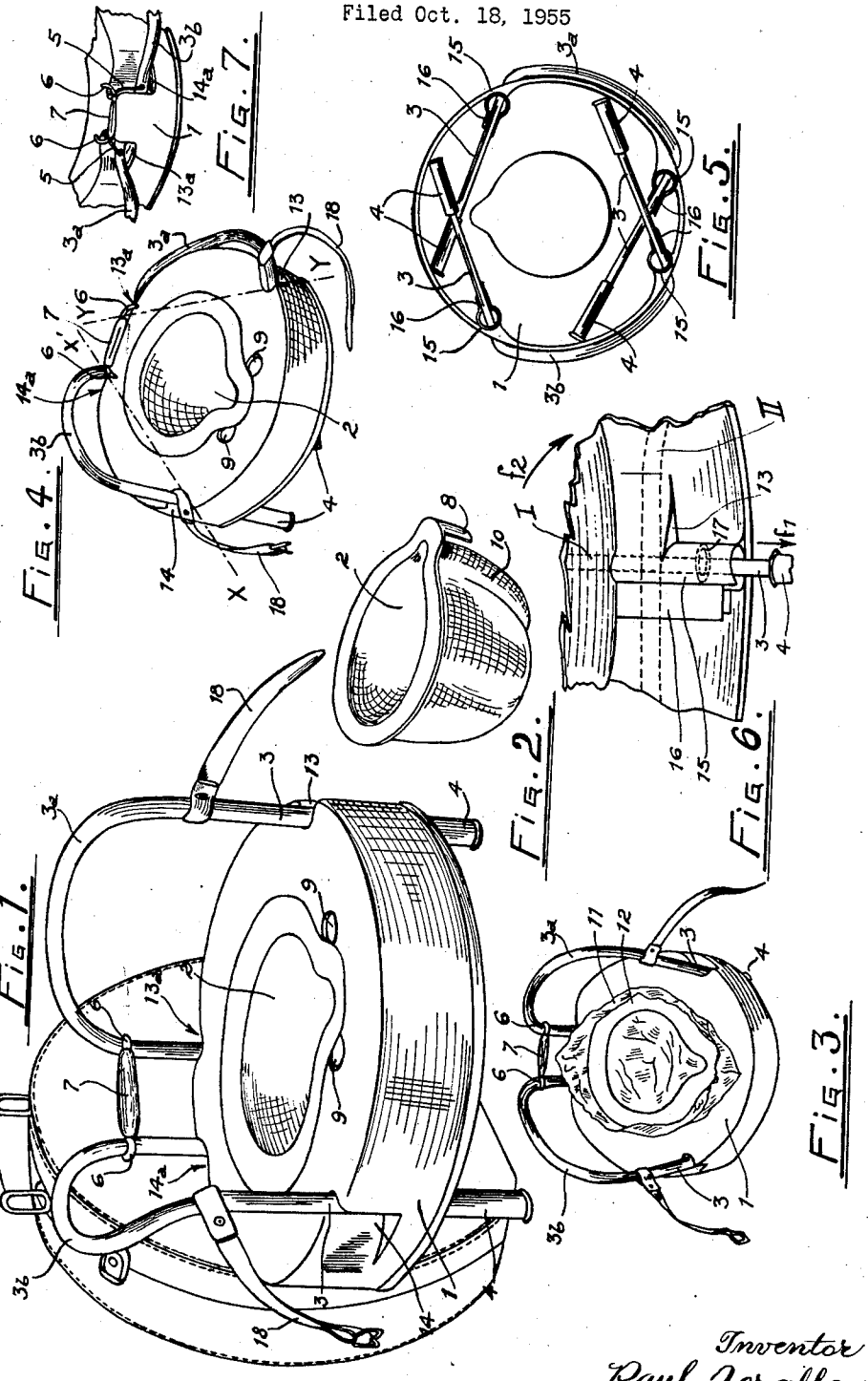


Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

Fig. 5.

Fig. 6.

Fig. 7.

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CHILD'S PORTABLE CHAMBER-POT

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2 Claims. (Cl. 4—134)

The present invention relates to a child's portable chamber-pot which is capable of being disassembled, is of a small size and can be used for travelling purposes.

It is characterized by the fact that it is provided, in the manner of a night-commode or night chair, with a removable vessel and that it is mounted on legs which are extended in the form of elbow rests and are adapted to be folded back in the manner of certain folding chairs.

Suitably arched folding bow members fulfil the combined purpose of legs, elbow-rests and chair back. In view of its small size, the portable chamber-pot according to the invention, once folded, can easily be packed in a small case or, for example, into a protecting cover with a so-called "zip"-fastener.

When travelling, in order to avoid any unpleasant handling, a pouch can be arranged at the bottom of the vessel, said pouch being thrown away after use.

Other features and advantages of the present invention will become apparent from the ensuing description with reference to the accompanying drawing given by way of example and showing an embodiment of the invention.

In said drawings:

Figure 1 is a perspective view of the portable pot according to the invention;

Figure 2 is a view of the vessel with which the seat-portion of the portable pot is provided;

Figure 3 shows the portable pot forwardly inclined;

Figure 4 is a perspective view of the portable pot according to the invention showing its mode of operation;

Figure 5 is a view, seen from below, of the said portable pot; and

Figures 6 and 7 are detail views seen from below and from above respectively.

In the form of embodiment shown in the drawing, the child's portable pot **1**, according to the invention, is provided with a removable vessel **2**, in the manner of a commode or night-chair. It is mounted on legs **3** and it comprises elbow-rests **3***a* and **3***b*. In fact, the legs **3** are formed by the ends of the arch-shaped elbow-rests **3***a* and **3***b* which serve also as a chair back. The said legs are provided with sockets **4**.

As in the case of a number of known folding chairs, the elbow rests **3***a* and **3***b* can be folded. These two elbow-rests are connected together by a tie **5** which is preferably resilient (Figure 7). The whole constructure is rendered rigid, on mounting, by means of a movable clamp, the ends **6** of which embrace the elbow-rests **3***a* and **3***b*. This clamp is preferably mounted on the sheath **7** which surrounds the tie **5**.

The vessel **2** comprises a tongue **8** (Figure 2) which enters a corresponding slot (not shown) provided in the seat **1**. Adjacent the tongue **8**, the surface of the seat is provided with two cavities **9** (Figures 1 and 4) which facilitate the handling of the vessel. This vessel is preferably semi-spherical and has a bell-mouthed beak **10**. A pouch **11** can be placed at the bottom of the vessel and is thrown away after use. This enables the person attending the child to avoid unpleasant handlings during

travel. This pouch which is cut out of a piece of plastic material and is of such shape as to conform in the best manner possible to the shape of the vessel, is maintained on the said vessel by a crown member **12** (Figure 3).

The elbow-rests **3***a* and **3***b* are utilized in the following manner:

The elbow-rests pivot around axes XX' and YY' (Figure 4). In fact they rock on bearings **13**, **13***a* and **14**, **14***a*, constituted by recesses provided in the seat **1**. Extensions of these bearings within the seat are constituted by guiding means **15** and **16** for the elbow-rests (Figures 5 and 6). The guide **15** is constituted by a vertical tube slotted along a generatrix and opening in a direction turned away from the bearing which corresponds thereto.

The guide **16** is constituted by two parallel wings connected to the edges of the slot in the tube **15**.

On mounting the portable pot, the sockets **4** of the legs are forced into the tubes **15** and are arrested inside these tubes by an annular stop **17** (Figure 6). This arrangement confers to the portable pot the desired rigidity and stability after mounting.

It will be understood that in order to cause one of the elbow-rests to rock, a pressure has to be exerted on same in the direction of the arrow *f***1** (Figure 6) in order to release the sockets **4** from the tubes **15**. The rocking action then occurs in the direction of the arrow *f***2** thus permitting the passage from the mounted position (I) to the position (II) in which the elbow-rest is folded within the seat itself (Figures 5 and 6).

In order that the elbow-rests may be folded under satisfactory conditions, it is necessary to rock them one after the other. Moreover it will be noticed (Figure 7) that the elbow-rests rock in different planes so that they can be superposed. (It can be seen that the bearing recess **14***a* extends substantially lower than the recess **13***a*.)

It is to be understood that the above described portable pot for children can be made of any suitable material. The seat proper **1** as well as the vessel **2**, the crown member **12** and the sockets **4** are preferably of moldable plastic material. The elbow-rests **3***a* and **3***b* are preferably made of light metal tubes.

It is to be observed that a belt **18**, provided with a buckle and attached to the elbow-rests, enables the child to be properly and safely maintained on the pot.

Finally, in view of its reduced bulk (the elbow-rests **3***a* and **3***b* are completely folded within the seat), the folded portable pot can easily be packed in a small case or, for example in a protective cover provided with a "zip"-fastener.

The foregoing description has only been given by way of indication without any intention to restrict the invention which is susceptible to various modifications falling within its spirit.

I claim:

1. A child's portable chamber-pot comprising a seat portion, a removable vessel arranged within said seat portion, suitably arched bow members serving as chair backs and elbow rests and whose ends constitute supporting legs for the portable chamber-pot, sockets provided at the ends of said legs, bearings arranged in the seat portion, said bow members being adapted to rock on said bearings, guiding means in the form of longitudinally slotted tubes so associated with the said bearings that the said bow members can rock and the leg portions thereof be completely housed inside the said seat, the said sockets fitting tightly into said guiding means to render the said legs and the bow members rigid when the chamber-pot is mounted.

2. A child's portable chamber-pot comprising a seat portion, a removable vessel arranged within said seat portion, suitably arched bow members serving as chair

backs and elbow rests and whose ends constitute supporting legs for the portable chamber-pot, sockets provided at the ends of said legs, bearings arranged in the seat portion, said bow members being adapted to rock on said bearings, guiding means in the form of longitudinally slotted tubes so associated with the said bearings that the said bow members can rock and the leg portions thereof be completely housed inside the said seat, the said sockets fitting tightly into said guiding means to render the said legs and the bow members rigid when the chamber-pot is mounted, a tie member connecting the said bow members, clamping means for rigidly connecting said bow members and a belt and buckle device adapted to hold the child properly on the pot.

References Cited in the file of this patent

UNITED STATES PATENTS

168,053	Sayles	Sept. 21, 1875
657,103	Hackenberg	Sept. 4, 1900
2,459,601	Tiritilli et al.	Jan. 18, 1949
2,730,726	Babbage	Jan. 17, 1956