

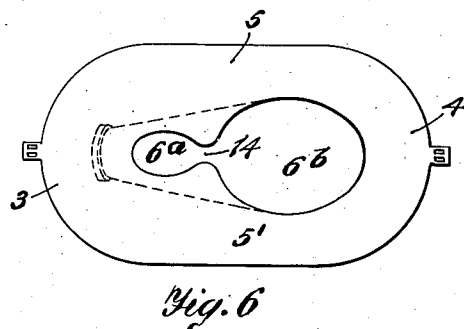
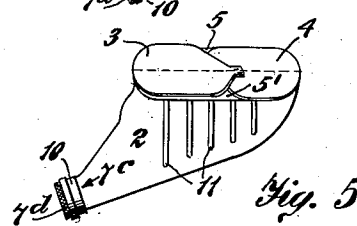
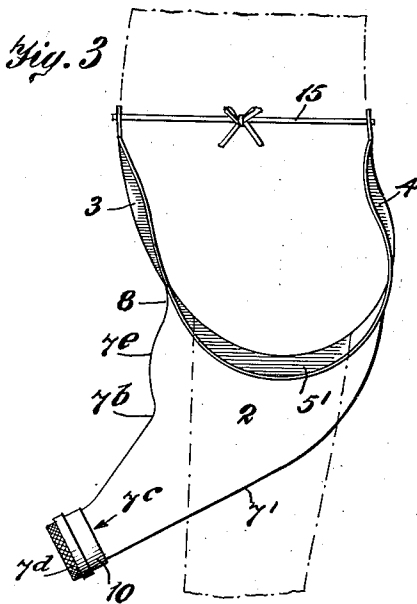
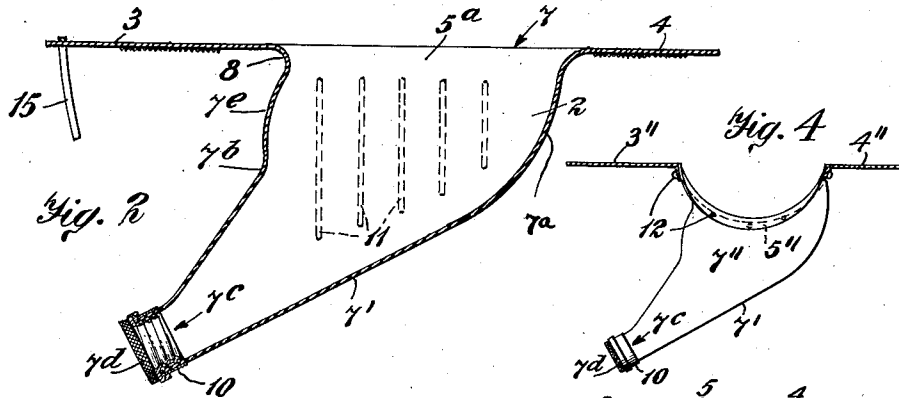
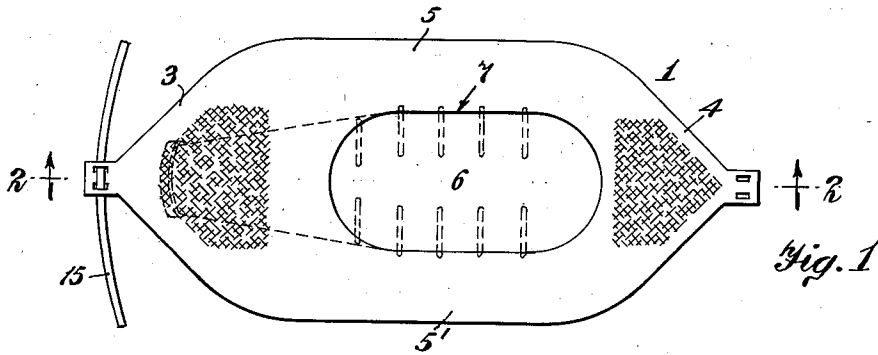
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2,066,400

BEDPAN

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BEDPAN

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7 Claims. (Cl. 4-112)

This invention relates to improvements in bed pans.

One of the objects of this invention is to provide a bed pan which may be attached to the person or user, and may be utilized in childbirth and as a receptacle for either feces or urine or both, and which will be capable of support and use in varying positions of the patient or user.

Another object of my invention is to provide a bed pan which will be capable of emptying without inversion of the receptacle portion thereof.

Still another object of my invention is to provide a device of the character specified which will be sanitary and readily cleansable.

Still another object of my invention is to provide a device of the character specified which will have flexible flanges, adapted in attached position to contact with portions of the skin of the user and when detached to be foldable to function as a cover for the entrance-opening of the receptacle.

Still another object of my invention is to provide a device of the character specified in which the receptacle portion may be formed of a stiff or rigid and more sanitary material, such as aluminum, and the attaching portions or flanges may be formed of a suitable flexible material such as rubber or cloth which will be detachable from and connectible to said rigid receptacle portion.

With these and other objects in view, my invention comprises the combination of members and arrangement of parts so combined as to contact and cooperate with each other in the performance of the functions and the accomplishment of the results herein contemplated and comprises in one of its adaptations the species or preferred forms illustrated in the accompanying drawing, in which:

Fig. 1 is a view in plan of a one-piece bed pan embodying my invention composed of rubber or like flexible material;

Fig. 2 is a section on the line 2-2 of Fig. 1 looking in the direction of the arrows;

Fig. 3 is a diagrammatic view showing the location of the parts of my bed pan when attached to a person in one position;

Fig. 4 is a section similar to Fig. 2 showing a bed pan embodying my invention in which the receptacle and flange portions are detachably connected;

Fig. 5 is a perspective view showing my bed pan after disconnection from a person or user and with the flanges folded to close the entrance opening, and

Fig. 6 is a view in plan of another modified form of my invention.

Referring now to the drawing, which indicates a preferred embodiment of my invention, 1 in Figs. 1, 2, 3, and 5 indicates a bed pan embodying a receptacle portion 2 which as shown in said figures is formed of flexible material in one piece with attaching members comprising body-contacting or flange portions composed of a front flange 3, a rear flange 4, and side flanges 5, 5'. These attaching members or flanges surround an entrance opening 6 of substantially elliptical conformation and the inner edges thereof form a seat-portion 7. The receptacle 2 is of general elliptical shape and is tapered downwardly from a relatively large upper seat or entrance portion to relatively small cylindrical outlet end 7^c which is preferably provided with a stopper 7^d preferably of the type used on rubber hot-water bottles. The tapered receptacle preferably projects forwardly so that the outlet extends forwardly to or beyond the front part of the seat 7. The receptacle 2 is provided with a bottom wall 7' inclining forwardly and downwardly from the rear of the seat portions 7^a (which merges and is integral with the rear flange 4) to the outlet 7^c. The forward wall of the receptacle 7^b is also preferably inclined forwardly at a sharper angle and merges near its upper end with a curved bulging portion 7^e which in turn connects with the front part 8 of the seat portion 7 and through said seat portions is connected with the flange 3. The side flanges 5 and 5' similarly merge as at 5^a with the seat portion 7. These flanges are in all the forms of my invention composed of flexible material, such as cloth or rubber, and the receptacle portion is preferably formed of either an impervious cloth or rubber. The outlet end 7^c is as above stated provided with a stopper 7^d which as shown is mounted in a mounting 10 connected to the bottom tubular portion 7^d in any suitable manner. As illustrated, the sides of the receptacle when formed of rubber are preferably provided with reinforcing strips 11.

In Fig. 4, I have shown an embodiment of my invention in which the receptacle portion 7' is detachably connected to the attaching or flange portion 3'' by means of a series of fasteners 12. In this form of my invention the receptacle portion 7' is preferably formed of aluminum and the attaching portions or flanges 3'', 4'', and 5'' are formed of cloth securely though detachably fastened contiguous to the edge of the seat portion of the said receptacle. This form of my in-

vention is particularly adaptable for use in hospitals where the attaching portion may be stripped from the receptacle portion, separately washed and then reattached, while the receptacle is readily cleansed.

In Fig. 5 I have shown the flexible flanges in folded relationship to cover the entrance opening 6 of the receptacle.

In Fig. 6 I have shown another modified form of my invention in which the seat 7 is contracted at 14 on opposite sides to form an elliptical front opening 6^a which is thus separated from an elliptical rear opening 6^b. Both of these openings communicate with each other below the seat. In other respects this form of my invention is similar to that shown and described in Figs. 1 to 3, and 5.

Having described my invention, I claim:

1. A bed pan comprising a receptacle portion having a seat portion surrounding an entrance opening, and flexible flanges connected to said receptacle and adapted to contact with and to be attached to the person of the user.

2. A bed pan comprising a receptacle portion having a seat portion surrounding an entrance opening, and flexible flanges connected to said receptacle and adapted to contact with and to be attached to the person of the user, said flanges being foldable when the pan is removed to cover said receptacle entrance opening.

3. A bed pan comprising a receptacle portion having a seat portion surrounding an entrance opening, and flexible flanges connected to said receptacle and adapted to contact with and to be attached to the person of the user, said receptacle being tapered downwardly and forwardly.

4. A bed pan comprising a receptacle portion having a seat portion surrounding an entrance opening, and flexible flanges connected to said receptacle and adapted to contact with and to be attached to the person of the user, said receptacle being tapered downwardly and forwardly from said seat portion to a cylindrical lower end, and said lower end being provided with a stopper.

5. A bed pan comprising a receptacle portion having a seat portion surrounding an entrance opening and flexible flanges detachably connected to said receptacle portion and adapted to contact with and to be attached to the person of the user.

6. A bed pan comprising a receptacle portion formed of rigid material and having a seat portion surrounding an entrance opening, and flexible flanges detachably connected to said receptacle and adapted to contact with and to be attached to the person of the user.

7. A bed pan comprising a receptacle portion formed of rigid material and having a seat portion surrounding an entrance opening of elliptical conformation and provided with front and rear sections adapted to fit over the front and rear organs of the user, and flexible flanges connected to said receptacle and adapted to contact with and to be attached at front and rear to the person of the user, said receptacle being tapered downwardly and projecting forwardly to a cylindrical lower end extending beyond the front end of the seat, said lower end being provided with a removable stopper.

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