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1,973,160

BEDPAN EQUIPMENT FOR MATTRESSES

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Fig. 1.

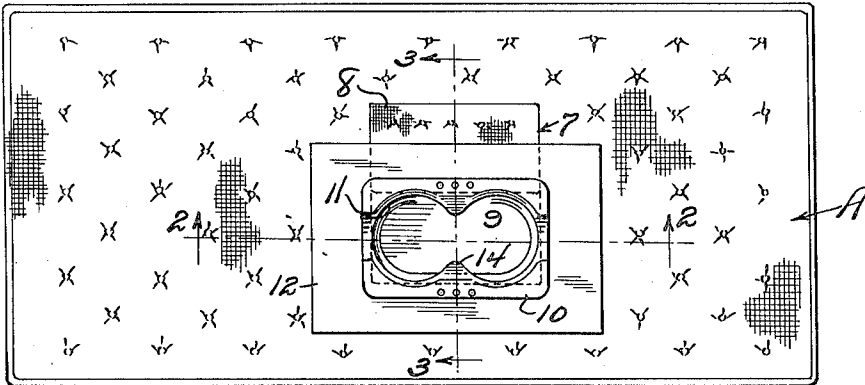


Fig. 2.

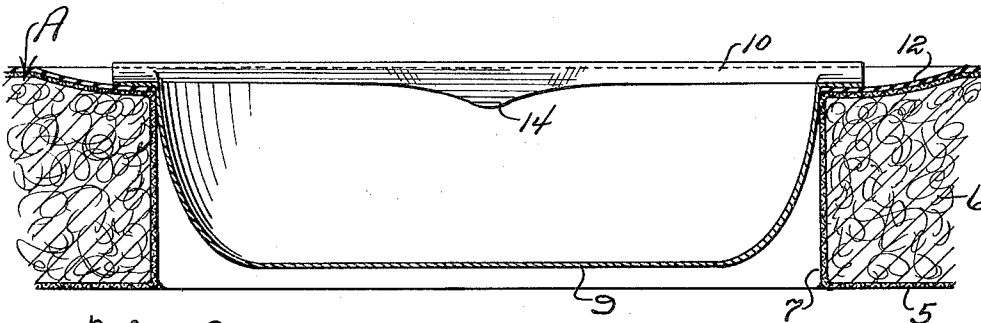


Fig. 3.

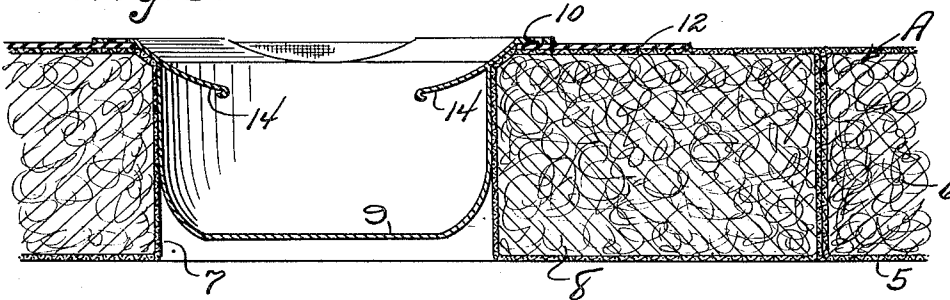
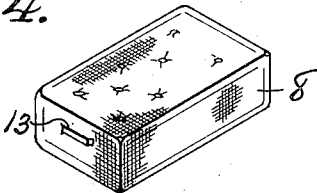


Fig. 4.



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BEDPAN EQUIPMENT FOR MATTRESSES

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Application August 4, 1933, Serial No. 683,687

1 Claim. (Cl. 4-112)

The invention relates to a mattress construction and more particularly to a bed pan therefor.

and pointed out in the claim hereunto appended. In the accompanying drawing:

The primary object of the invention is the provision of a structure of this character wherein a bed pan of novel form is capable of mounting in a mattress so that a person occupying the latter need not be lifted when required to use the pan, thus eliminating the discomfort and the liability of straining and tearing of an incision where a person has been subjected to a surgical operation, as would be in the use of the ordinary bed pan.

Figure 1 is a plan view of a mattress constructed in accordance with the invention and showing the bed pan related therewith.

Another object of the invention of a structure of this character, wherein the mattress has therein an opening normally fitted with cushions, these being individually removable and susceptible of positioning so that a bed pan may be placed in the opening at a point next to the side occupied by a person so that this person can be rolled onto the pan for its use and thus avoiding the lifting of the person and at the same time relieving all discomforts incident to the use of an ordinary pan now commonly used when a person is confined to a bed.

Figure 2 is an enlarged sectional view on the line 2-2 of Figure 1 looking in the direction of the arrows.

A further object of the invention is the provision of a structure of this character, wherein on reversing the lay of the mattress upon its springs or the turning of the same, the bed pan will be properly positioned for its use, as the pan can be arranged at either side of the longitudinal center of the mattress to be near a person when occupying either side, the mattress adjacent to the pan being protected so as to maintain the same clean and sanitary, both the mattress and pan being of novel construction for their use without inconvenience to a person when occupying the mattress or in the use of the pan and at the same time relieving an attendant from the burdens incident to the use of an ordinary bed pan. The pan when within the mattress will not protrude above the same and is susceptible for free and easy use during bed confinement by a person.

Figure 3 is a fragmentary sectional view on the line 3-3 of Figure 1 looking in the direction of the arrows.

Figure 4 is a perspective view of one of the removable cushions for the mattress.

A further object of the invention is the provision of a structure of this character which is simple in its make-up, reliable and efficient for the purposes intended thereof, durable, and inexpensive to manufacture.

Similar reference characters indicate corresponding parts throughout the several views in the drawing.

With these and other objects in view, the invention consists in the features of construction, combination and arrangement of parts as will be hereinafter more fully described in detail, illustrated in the accompanying drawing, which discloses the preferred embodiment of the invention,

Referring to the drawing in detail, A designates generally a mattress including the usual casing 5 and filling 6 for said casing. The mattress, at an intermediate portion thereof, is formed with a substantially rectangular or square-shaped opening 7 which extends through the upper side and lower side of such casing. It is preferable to have the opening 7 nearer one end of the mattress A than the other end thereof so that when the mattress is placed in a bed for occupancy by a short person the opening will be congruous for the purposes intended thereof.

Normally fitted within the opening 7 is a pair of cushions or removable mattress sections 8, these being preferably constructed identical with the make-up of the mattress and each has a depth corresponding to the depth of such mattress. Adapted to be removably and adjustably fitted within the opening 7, on the taking out of either cushion or section 8, is a bed pan which is formed with a dished body 9 having a rim formation 10, the latter framing a top opening 11 which is of substantially figure 8 shape. This rim 10 marginally of the body 9 projects laterally therefrom so as to overlap the adjacent edge of the opening 7 in the mattress for the support of the bed pan within this opening 7 when the mattress is occupied.

Adapted to be disposed about the body 9, next to the rim 10, is a rubber sheeting or section 12 which overlies the top of the mattress for the required distance so as to be protective thereof to render it clean and sanitary.

Each cushion 8, at opposite ends, carries a strap handle 13 for convenience in the lifting or removal of the cushion 8 from the opening 7 when inserted therein.

The rim at proper localities is downwardly curved as at 14 correspondingly to the anatomy

of a person for comfort in the occupancy of the pan.

It should be apparent that in assuming an occupant of the mattress A is lying at one side thereof and it is required that the pan be used without undue disturbance to such occupant and that the cushions 8 under normalcy are occupying the opening 7 in the mattress A, it is only necessary to remove the cushion 8 closest to the occupant and when this has been done the pan is inserted in substitute for such removed cushion, thereby locating the pan so that its use can be had without necessitating the lifting of the person or occupant and thus eliminating discomfort and displeasure to such person.

It also should be apparent that when the mattress is turned the pan can be allocated in the opening 7 either close to one side or the other of such mattress for convenience in the use thereof by the occupant of the mattress.

What is claimed is:

An article of the kind described comprising an elongated dish-like body having outside and inside rim formations, the inside rim formation being of substantially figure 8 shape to provide circular openings at opposite ends of the body and also preventing reversed buttocks rests, and a rubber sheeting underlying the outside rim formation and completely about the body.

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20	95
25	100
30	105
35	110
40	115
45	120
50	125
55	130
60	135
65	140
70	145
75	150