July 11, 1933. E. C. CASE ET AL 1,918,083

PROTECTIVE COVER FOR BEDPANS AND SIMILAR ARTICLES

Filed March 4, 1932

Fig. 1.

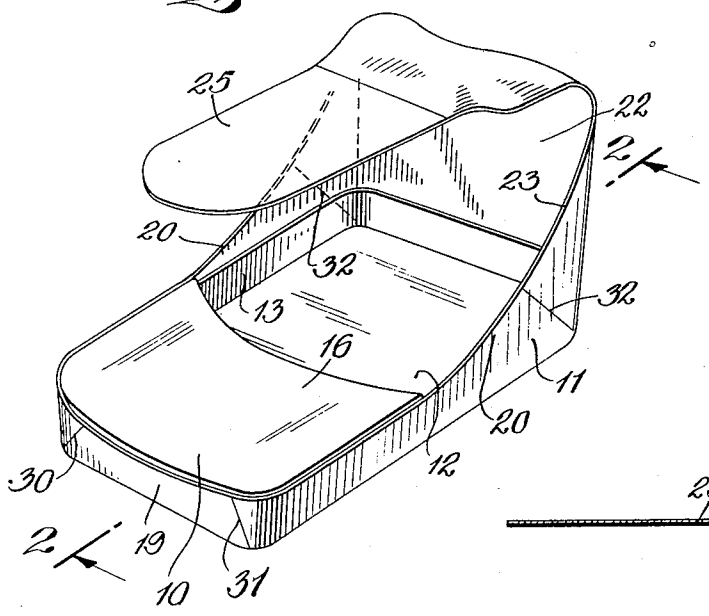



Fig. 2.

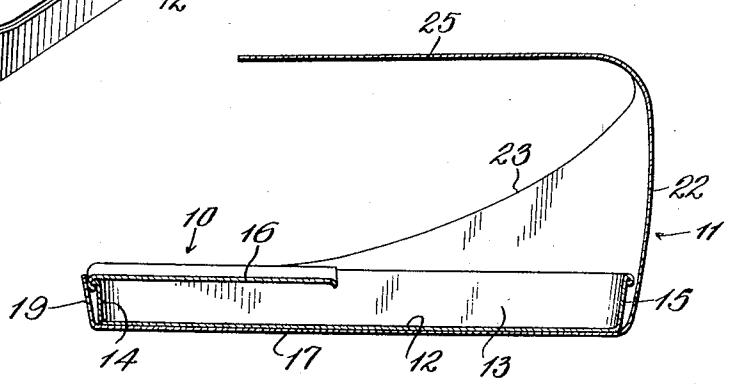



Fig. 3.

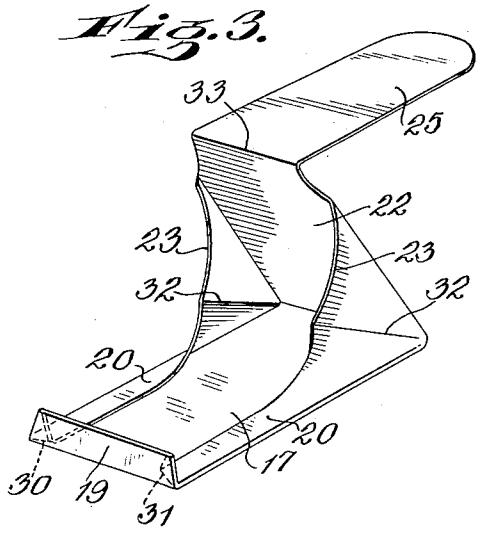



Fig. 4.

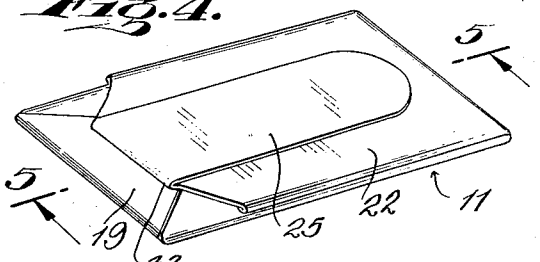
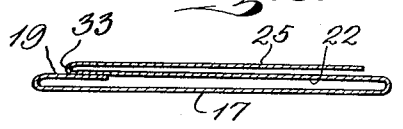



Fig. 5.




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# UNITED STATES PATENT OFFICE

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## PROTECTIVE COVER FOR BEDPANS AND SIMILAR ARTICLES

Application filed March 4, 1932. Serial No. 596,702.

This invention relates to protective covers for bed pans and the like articles.

An object of this invention is to provide a cover for a bed pan or douche pan having means for preventing splash or spillage out of the pan, thus protecting the bed linens, said cover being provided with means for covering otherwise exposed parts of the user and constituting a sanitary protection for the user's attendant.

A further object of this invention is to provide a unitary flexible, waterproof, cover or protector of the character described, which shall be in collapsible form to afford convenient handling and packing.

A still further object of this invention is to provide a strong and neat protector of the character described made of paper or the like cheap material easily disposable as waste, which shall be simple and economical in construction, easy to handle and yet practical and efficient to a high degree in use.

Other objects of this invention will in part be obvious and in part hereinafter pointed out.

The invention accordingly consists in the features of construction, combinations of elements, and arrangement of parts which will be exemplified in the construction hereinafter described, and of which the scope of application will be indicated in the following claims.

In the accompanying drawing, in which is shown one of the various possible illustrative embodiments of this invention,

Fig. 1 is a perspective view of a bed pan provided with a cover embodying the invention in position for use;

Fig. 2 is a cross-sectional view taken on line 2—2 of Fig. 1;

Fig. 3 is a perspective view of the cover alone in partially collapsed position;

Fig. 4 is a perspective view of the cover in completely collapsed position; and

Fig. 5 is a cross-sectional view taken on line 5—5 of Fig. 4.

Referring now in detail to the drawing, 10 designates an ordinary bed pan and 11 designates a cover or protector therefor embodying the invention. The pan 10 may be of standard construction and comprises a bottom wall 12, side walls 13, a front wall 14 and a rear wall 15. A top wall 16 attached to the upper edge of the front wall 14 and the side walls 13 covers the front half of the bed pan leaving the rear half thereof open. The cover 11 is of unitary construction and may be made of paper, fabric or any other suitable flexible waterproof material. Said cover comprises a bottom wall 17 adapted to contact the undersurface of the bottom wall 12 of the pan, a front wall 19 adapted to be disposed in front of the front wall 14, side walls 20 for said walls 13 and a rear wall 22 adapted to be disposed behind the rear wall 15. The front wall 19 is made preferably substantially the height of the front wall 14, but the rear wall 22 preferably extends to a considerable height above the rear wall 15 and the side walls 20 preferably increase in width gradually toward the rear, thus forming upwardly and rearwardly inclined or curved edges 23. Extending from the upper end of the rear wall 22 is a flap 25 adapted to be moved forwardly to cover a portion of the patient's body.

In use, the patient's legs straddle the side walls 20 of the cover and the flap 25 may thus cover the otherwise exposed parts of the patient. Said flap 25, the rear wall 22 and the side walls 20 serve to prevent spraying or splashing of matter onto the bed linen. After use, the flap 25 may be pushed forwardly onto the top wall 16 to cover the open portion of the pan. The pan may thus be removed from the bed in completely covered condition. Obviously, the pan may be removed from the cover readily and the cover disposed of as waste paper.

The protector 11 is preferably adapted to be collapsed for packing, shipping or storing purposes. To this end, the front wall 19 of the cover is preferably formed with crease lines 30 and 31 extending inwardly and upwardly from the bottom corners of said wall. The side walls 20 are also formed with crease lines 32 extending upwardly and forwardly from the bottom rear corners of the side walls 20. In col-

lapsing the cover the side walls 20 are first folded inwardly against the upper surface of the bottom wall 17, the front wall 19 being then folded rearwardly over the folded side walls. The rear wall 22 may then be folded downwardly over the folded side walls. The flap 25 may be folded rearwardly against the outer surface of the rear wall 22 about a crease line 33, provided for said purpose. The entire cover may thus be folded into substantially flat form to permit compact packing of said covers one on top of the other.

It will thus be seen that there is provided a device in which the several objects of this invention are achieved, and which is well adapted to meet the conditions of practical use.

As various possible embodiments might be made of the above invention, and as various changes might be made in the embodiment set forth, it is to be understood that all matter herein set forth or shown in the accompanying drawing is to be interpreted as illustrative and not in a limiting sense.

Having thus described our invention, we claim as new and desire to secure by Letters Patent:—

1. In combination with a bed pan, a cover therefor made of flexible sheet material adapted to receive the bed pan and having a portion adapted to contact the underside of the bed pan, a portion extending upwardly above the rear wall of the pan, side portions extending upwardly beyond the top edge of the side walls of the pan, and a flap extending from the said second portion adapted to cover a portion of the user's body.

2. A bed pan cover made of waterproof sheet material having a portion for receiving the bed pan, a portion extending upwardly above the rear wall of the bed pan and side portions extending upwardly above the upper edge of the side walls of the pan and increasing in height toward the rear, said cover having a flap extending from said second portion and adapted to cover a portion of the user's body.

3. A bed pan cover made of waterproof paper having a portion for receiving the bed pan, a portion extending upwardly above the rear wall of the bed pan and side portions extending upwardly above the upper edge of the side walls of the pan and increasing in height toward the rear, said cover having a flap extending from said second portion and adapted to cover a portion of the user's body, said cover being collapsible into flat condition.

4. In combination with a bed pan having a bottom wall, substantially parallel front and rear walls, and substantially parallel side walls, and a cover for said bed pan made of flexible sheet material having a portion adapted to contact the underside of said bottom wall, portions adapted to contact said front and rear walls, and said side walls, a portion extending upwardly above the rear wall of the pan, side portions extending upwardly beyond the top edge of the side walls of the pan, and a flap adapted to cover a portion of the user's body, said last named portion being further adapted to cover the bed pan after use.

In testimony whereof we affix our signatures.

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