

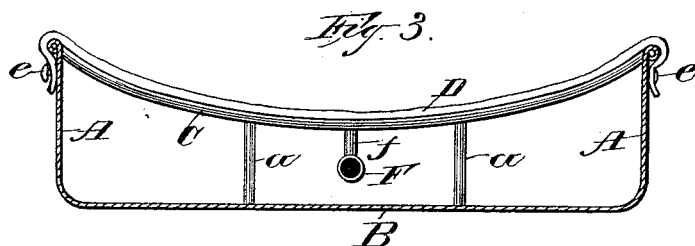
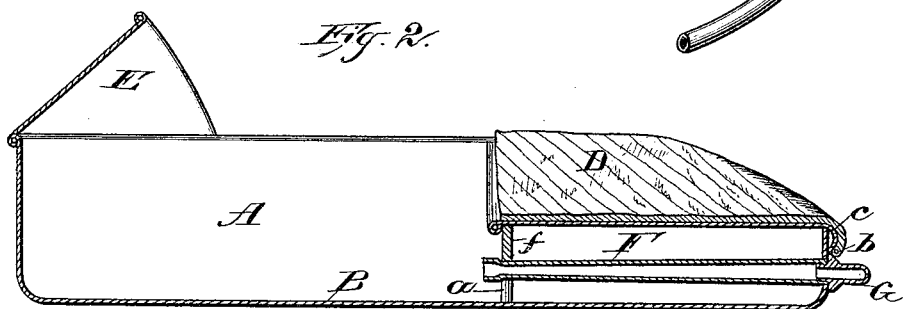
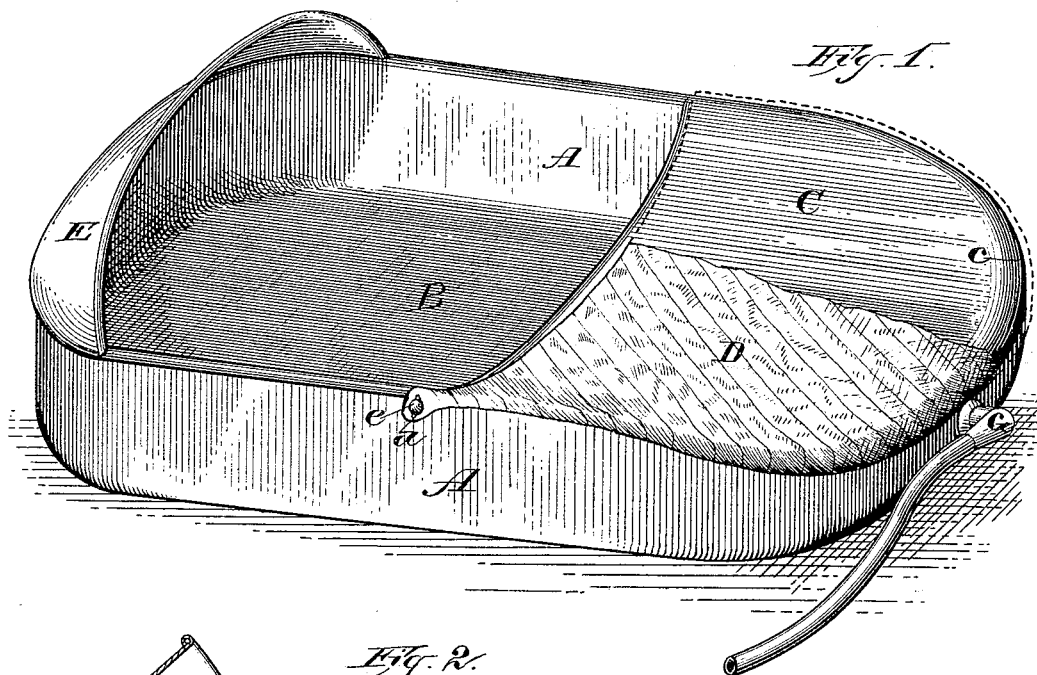
(No Model.)

D. O'BRIEN.

BED PAN.

No. 346,309.

Patented July 27, 1886.



Witnesses:

E. G. Sumner
N. E. Cliphant

Inventor:

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UNITED STATES PATENT OFFICE.

DANIEL O'BRIEN, OF MINNEAPOLIS, MINNESOTA.

BED-PAN.

SPECIFICATION forming part of Letters Patent No. 346,309, dated July 27, 1886.

Application filed February 3, 1886. Serial No. 190,687. (No model.)

To all whom it may concern:

Be it known that I, DANIEL O'BRIEN, of Minneapolis, in the county of Hennepin, and in the State of Minnesota, have invented certain
5 new and useful Improvements in Bed-Pans; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to bed-pans; and it consists in certain peculiarities of construction,
10 as will be fully described hereinafter with reference to the accompanying drawings, in which—

Figure 1 represents a perspective view of my invention; Fig. 2, a longitudinal section,
15 and Fig. 3 a transverse section.

My bed-pan is usually constructed of zinc, though other suitable material may be employed, if found desirable, and the main portion is preferably stamped from a single piece into
20 the desired shape, so as to have the vertical walls A rounded up from the bottom B, thus facilitating the cleansing of the vessel, there being no seams to furnish a lodgment for sediment. At the rear end of the pan the vertical
25 walls A are cut away in such a manner as to form a downward inclination from a horizontal plane, and at this point I secure, by soldering or other suitable means, a cover-piece or shield, C, having a curvature designed to conform
30 with that of the human back, the front portion of said part being supported by posts *a a*.

In order to prevent the patient from being chilled by coming into direct contact with the pan, as well as to render said patient more
35 comfortable while using the vessel than is ordinarily the case, I provide a pad, D, designed to fit upon the cover-piece or shield C at the rear portion of said pan. That portion of the pad designed to fit the outer sides of the pan
40 is usually provided with an elastic cord, *b*, which acts to draw the edges of said pad tightly about the bead *c*, formed at the point of connection between the parts A C, and the forward portion of this pad is provided at the
45 outer extremities with openings *d*, designed to engage buttons or projections *e* on the outer sides of the vessel. By the fastening means above described the pad D is prevented from
50 slipping when the pan is in use, and can be readily removed for the purpose of being cleaned when soiled. The forward portion of the pan has soldered or otherwise secured there-

to a flaring upward and inwardly extending shield, E, this part serving to support the bed-clothing away from the main portion of the
55 vessel, and also acts to prevent any splash of the excrement from the patient coming in contact with said clothes, thereby preventing them from becoming soiled.

All of the exposed edges of the several parts
60 composing my pan are turned over to present a rounding surface, and are thus prevented from doing injury to the patient when the vessel is in use.

F is a pipe secured at one extremity to the
65 rear end of the pan, and supported at its other extremity by a hanger, *f*, depending from the cover-piece or shield C. The rear end of this pipe is constructed to receive the screw-threaded end of an angular nozzle, G, and its forward
70 end is adapted to receive a plug.

When the pan is used in cases where injections are necessary, the nozzle G is engaged with an ordinary flexible tube, H, which leads
75 to a suitable receptacle outside the bed upon which the patient may be placed, and should the fluids employed for the injections accumulate in said pan to such an extent as to rise above the forward end of the pipe F they will
80 flow off to said receptacle, thereby preventing any overflow upon the bed-clothes. By having nozzle G detachably united to the pipe F, and the employment of a suitable washer
85 between these parts, said nozzle can be operatively adjusted, so as to have its discharge end on the side opposite that shown in the drawings, thus permitting the pan to be employed
90 without reference to the location of the bed. Another advantage of having the parts F G detachably united lies in the fact that said parts
95 can be more readily cleaned than would be otherwise the case were the nozzle a rigid fixture, while at the same time said nozzle can be placed at such an angle as to prevent the weight
100 of the bed-clothes from bending or kinking the pipe in such a manner as to interfere with the flow of the fluids from the pan. At such times when it may be found unnecessary to employ the adjustable nozzle and flexible tube, a plug is inserted in the forward end of the pipe F to
prevent leakage, and in some instances the pipe might be entirely omitted. The weight of the patient will cause the rear portion of the pan to be depressed, or, in other words, sink

- down in the mattress, and said pan being of the least depth at this point its top will be in such position as to give little or no discomfort during its use. By having the cover-piece or shield C of a curvature conforming to that of a human back and the pan so constructed as to indent itself in a mattress said pan can be left in position for use without inconvenience or discomfort to the patient for a longer period than is usual in this class of devices. After having been used by a patient and it is desired to remove the pan, the part E may serve for a handle, and when said pan is withdrawn the discharges contained therein will fall to the rear end of the vessel, between the bottom B and cover-piece or shield C, so that said vessel may be readily carried out to be cleaned without danger of any drippings therefrom.
- By the employment of a bed-pan such as I have described all possibility of soiling the bed-clothing is precluded, and said pan can be readily adjusted so as to render the patient more comfortable than is usual with the ordinary vessels designed for the same purpose, and the space between the cover-pieces CE being uninterrupted from side to side of the pan, all interior parts of the latter are more readily reached when necessary to cleanse the pan.
- Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A bed-pan having an unbroken rear cover-piece united at its outer edges to the walls of the pan and supported at its inner edge by suitable posts, whereby the contents of the pan are permitted to fall to the rear and be

there retained when said pan is elevated, as set forth.

2. A bed-pan having an unbroken rear cover-piece united at its outer edges to the walls of the pan and supported at its inner edge by suitable posts, in combination with an interior pipe suspended above the bottom of said pan, an angular adjustable nozzle connecting with the pipe, and a flexible tube in turn connected to the nozzle, as set forth.

3. A bed-pan having inwardly-extended front and rear cover-pieces, the cover-piece united at its outer edges to pan-walls and supported at its inner edge by suitable posts, the front cover-piece also united at its outer edges to the pan-walls and flared upward, and the space between these cover-pieces uninterrupted from side to side of said pan, as set forth.

4. A bed-pan having an inwardly-extended rear cover-piece united at its outer edges to the pan-walls, in combination with a pad provided with an elastic cord designed to draw the edges of said pad tightly about a bead formed by the union of the cover-piece and pan-walls, and suitable projections upon the outer sides of said pan, adapted to engage openings in the forward portion of the pad, as set forth.

In testimony that I claim the foregoing I have hereunto set my hand, at Milwaukee, in the county of Milwaukee and State of Wisconsin, in the presence of two witnesses.

DANIEL O'BRIEN.

Witnesses:

N. E. OLIPHANT,
MAURICE F. FREAR.