

No. 747,517.

PATENTED DEC. 22, 1903.

D. A. WALTZ & C. W. DAILEY.

BED PAN.

APPLICATION FILED JAN. 27, 1903.

NO MODEL.

Fig. 1.

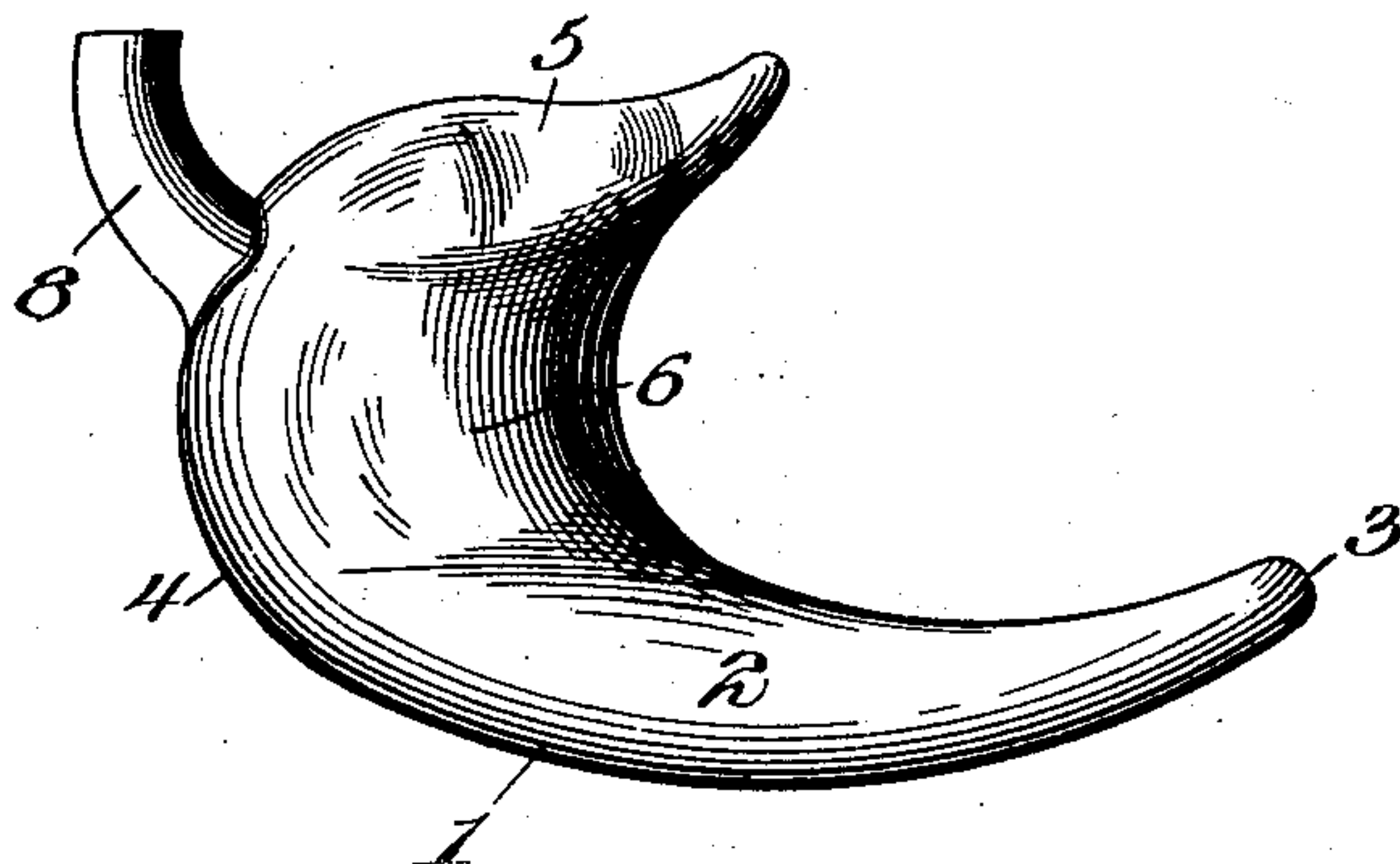


Fig. 2.

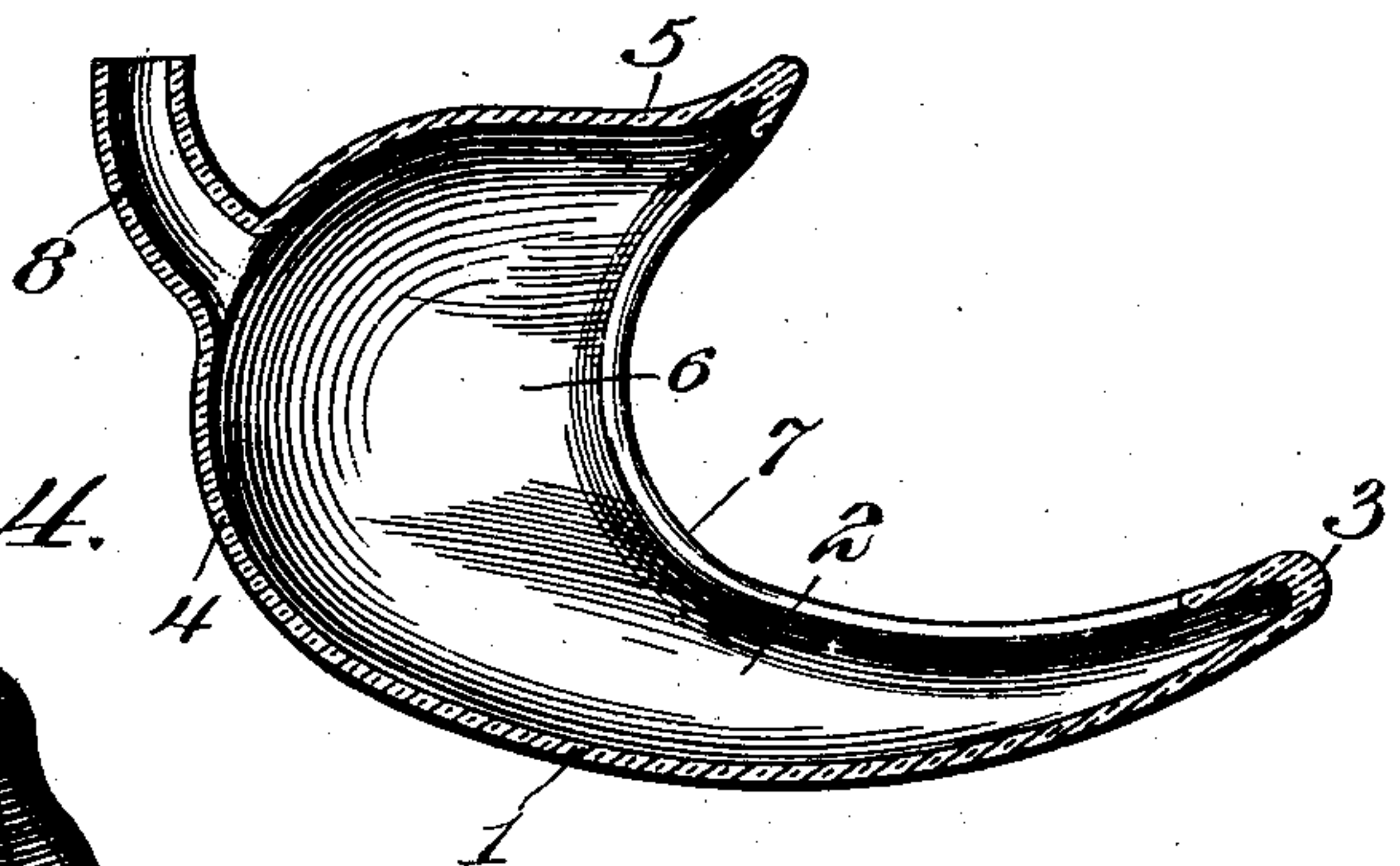


Fig. 4.

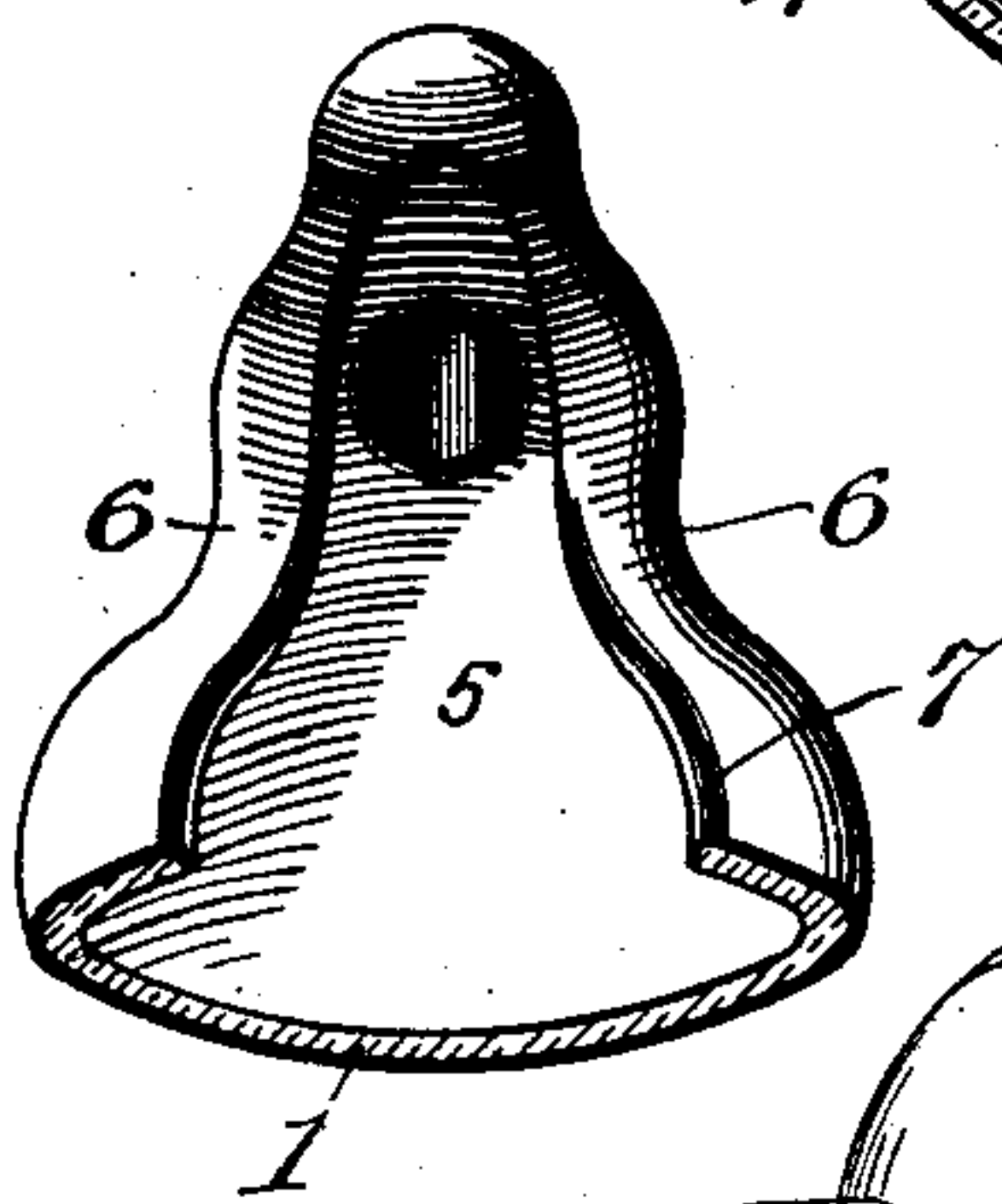


Fig. 5.

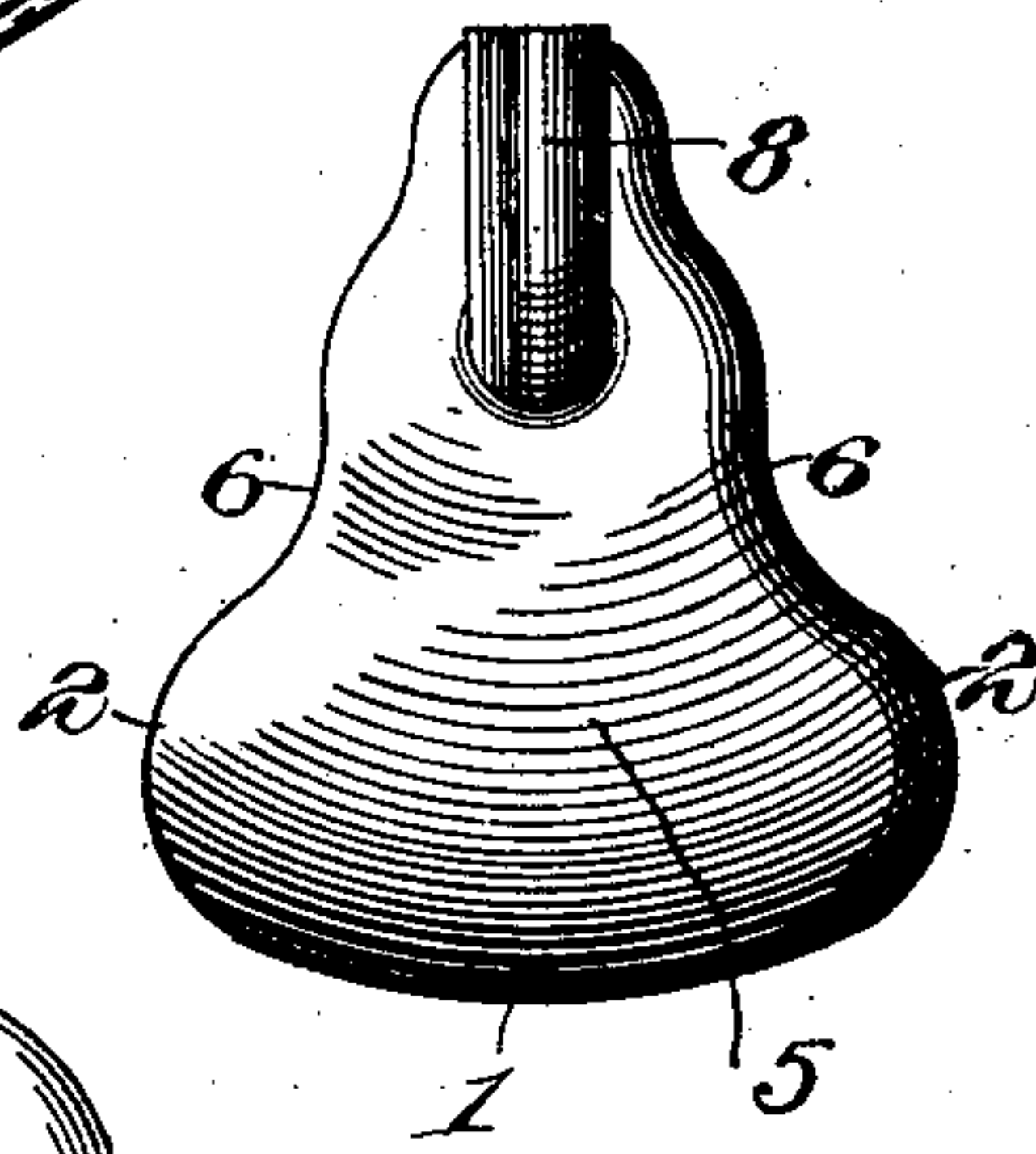
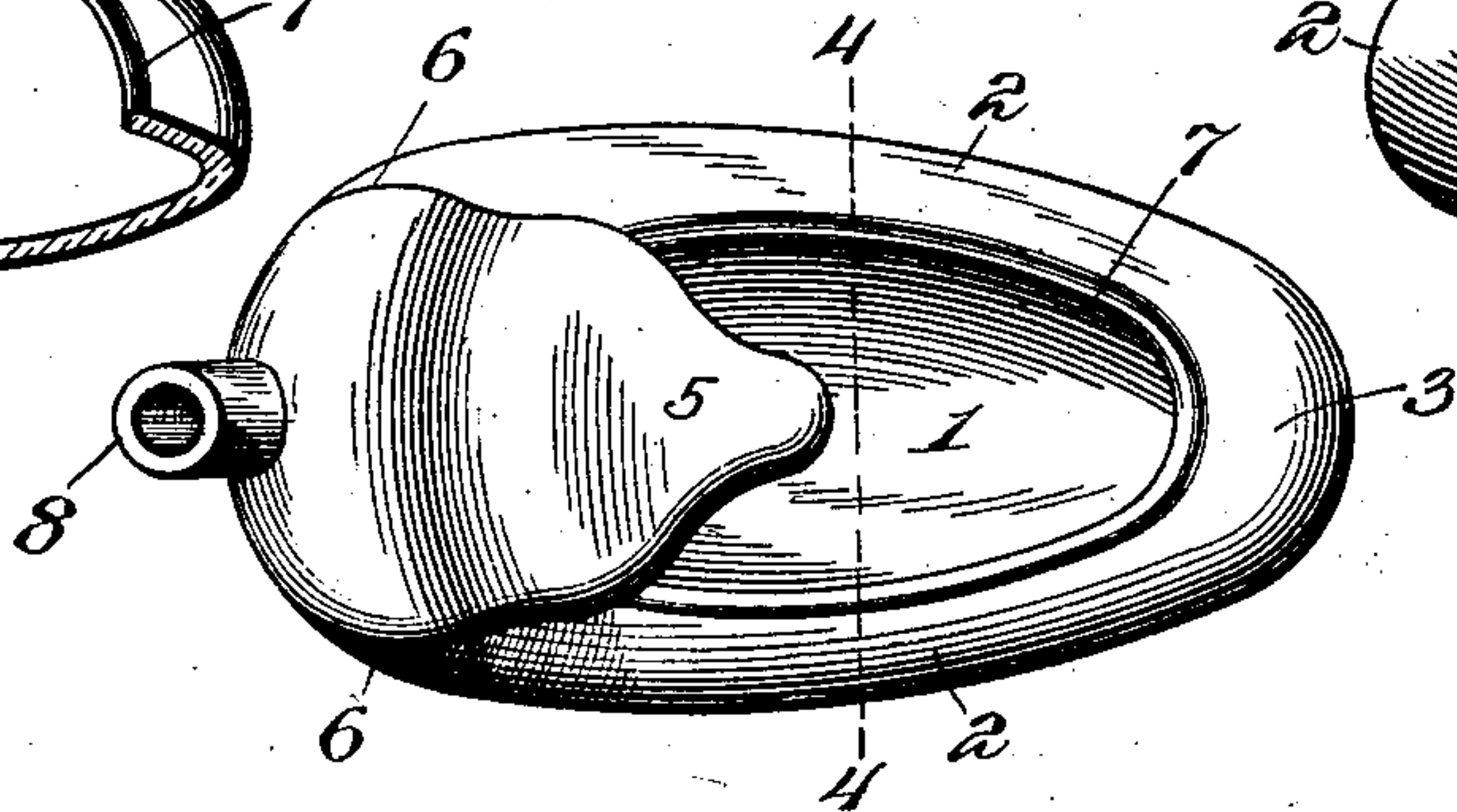


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

DORA A. WAITZ, OF COLUMBUS, OHIO, AND CHARLES W. DAILEY, OF ANN ARBOR, MICHIGAN.

BED-PAN.

SPECIFICATION forming part of Letters Patent No. 747,517, dated December 22, 1903.

Application filed January 27, 1903. Serial No. 140,704. (No model.)

To all whom it may concern:

Be it known that we, DORA A. WAITZ, residing at Columbus, in the county of Franklin and State of Ohio, and CHARLES W. DAILEY, residing at Ann Arbor, in the county of Wash-
 5 tenaw and State of Michigan, citizens of the United States, have invented a certain new and useful Improvement in Bed-Pans, of which the following is a specification.

10 This invention relates to bed-pans, and has for its object to provide an improved device of this character which is particularly adapted for conveniently inserting the same between the legs and beneath the body of a
 15 person lying on a bed. It is furthermore designed to have the device arranged so as to be entirely closed by the body of the person to which it may be applied, and thereby to effectually obviate splattering of fetid matter
 20 upon the bed, an objectionable feature common to ordinary bed-pans.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be herein-
 25 after more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claim, it being understood that changes in the form, proportion, size, and minor details may be made within
 30 the scope of the claim without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a side elevation of a bed-pan constructed and arranged
 35 in accordance with the present invention. Fig. 2 is a longitudinal sectional view thereof. Fig. 3 is a top plan view of the pan. Fig. 4 is a cross-sectional view on the line 4-4 of Fig. 3. Fig. 5 is a rear end view of the pan.

40 Like characters of reference designate corresponding parts in all of the figures of the drawings.

Referring to the accompanying drawings, 1 designates the body or seat portion of the
 45 pan, which is elongated and of elliptical shape, with its opposite longitudinal side portions 2 and its front end 3 bowed or rounded upwardly and inwardly, so as to overhang the bottom of the body and form an inner mar-
 50 ginal flange to prevent overflow of the con-

tents of the pan and form the seat proper for the support of the body of the person using the pan. The body of the pan is gradually enlarged from the front to the rear thereof and at its rear end is provided with an up-
 55 standing substantially semispherical extension or hood 4, the top portion of which is extended forwardly and overhangs the seat portion in the form of a pommel 5, which is adapted to contact with the abdomen of the
 60 user, and thereby stop the pan when it has been properly positioned for use. As best indicated in Fig. 3, it will be seen that the pommel portion is tapered or contracted toward its front end, and the opposite upright
 65 sides of the hood portion are curved inwardly, as at 6, so as to slightly contract the width of the hood and form seats or recesses for the reception of the thighs of the user, and there-
 70 by to obviate the necessity of the user spreading his legs to an uncomfortable extent. This feature is very important, as it renders the pan comfortable when in use. The open-
 75 ing 7 in the seat portion of the pan extends well up into the hood portion, so as to receive all discharge from the user which does not immediately drop down into the body of the pan.

For convenience in pouring out the con-
 80 tents of the pan there is a tubular spout 8, which extends upwardly from about the middle of the hood portion 4, and this spout also serves as a handle for applying and removing the pan from a person.

It will here be observed that the open lower
 85 end of the spout is disposed above the plane of the top of the seat portion of the pan, wherefore the contents of the pan cannot have access to the spout in the normal position of the pan, and it would require consid-
 90 erable tilting of the pan to permit of the contents thereof running into the spout. This is a very important feature, as it prevents overflow through the spout, and when the pan is being carried by the spout there is
 95 little or no danger of the contents of the pan running out through the spout.

In applying the pan to a person one hand is grasped upon the spout or handle 8 and the other hand is placed against the back of
 100

the hood portion while the entire device is pushed forwardly between the legs of the patient with the front end of the seat inserted beneath the body until the pommel or front end of the hood engages the abdomen, when the pan is stopped in the most effective position for use. It will here be noted that the thighs of the patient fit snugly and conveniently in the seats or concavities 6 at the opposite sides of the hood, thus obviating an uncomfortable straddling of the legs, and the body of the patient completely covers the opening 7 in the seat and also in the front of the hood, whereby it is impossible for any of the discharge to escape from the pan or fail to enter the same and soiling of the bed is prevented. Furthermore, as the hood portion overhangs the abdomen of the user it is effective with males as well as with females, and in view of the great depth from front to rear of the hood portion splattering of the body of the patient is obviated. The pan may be conveniently removed by grasping the handle 8 and withdrawing the device from between the legs of the patient without disturbing him in any manner whatsoever and without danger of spilling the contents of the pan.

Having thus described the invention, what

is claimed, and desired to be secured by Letters Patent, is—

A bed-pan, consisting of a substantially elliptical body which tapers from front to rear and is provided in its top with a substantially elliptical opening, the side walls of the pan being rounded upwardly and inwardly to overhang the bottom of the pan and form a peripheral seat-flange, the rear end of the body being extended upwardly to form a substantially semispherical hood having its upper front end flared upwardly in the form of a pommel which is also projected forwardly to overhang the opening in the pan, said opening being extended upwardly in the front of the hood and terminated at the top of the pommel, the opposite upright sides of the hood being concaved to form seats for the reception of the thighs of the user, and a tubular spout and handle rising from the back of the hood, with its lower end disposed above the top of the body of the pan.

DORA A. WALTZ.
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In presence of—

W. L. MORROW,
A. L. PHELPS.