

No. 812,480.

PATENTED FEB. 13, 1906.

J. M. BRYANT & J. B. ALLEN.

CLOSET BOWL SEAT.

APPLICATION FILED MAR. 6, 1905.

2 SHEETS—SHEET 1.

Fig. 1.

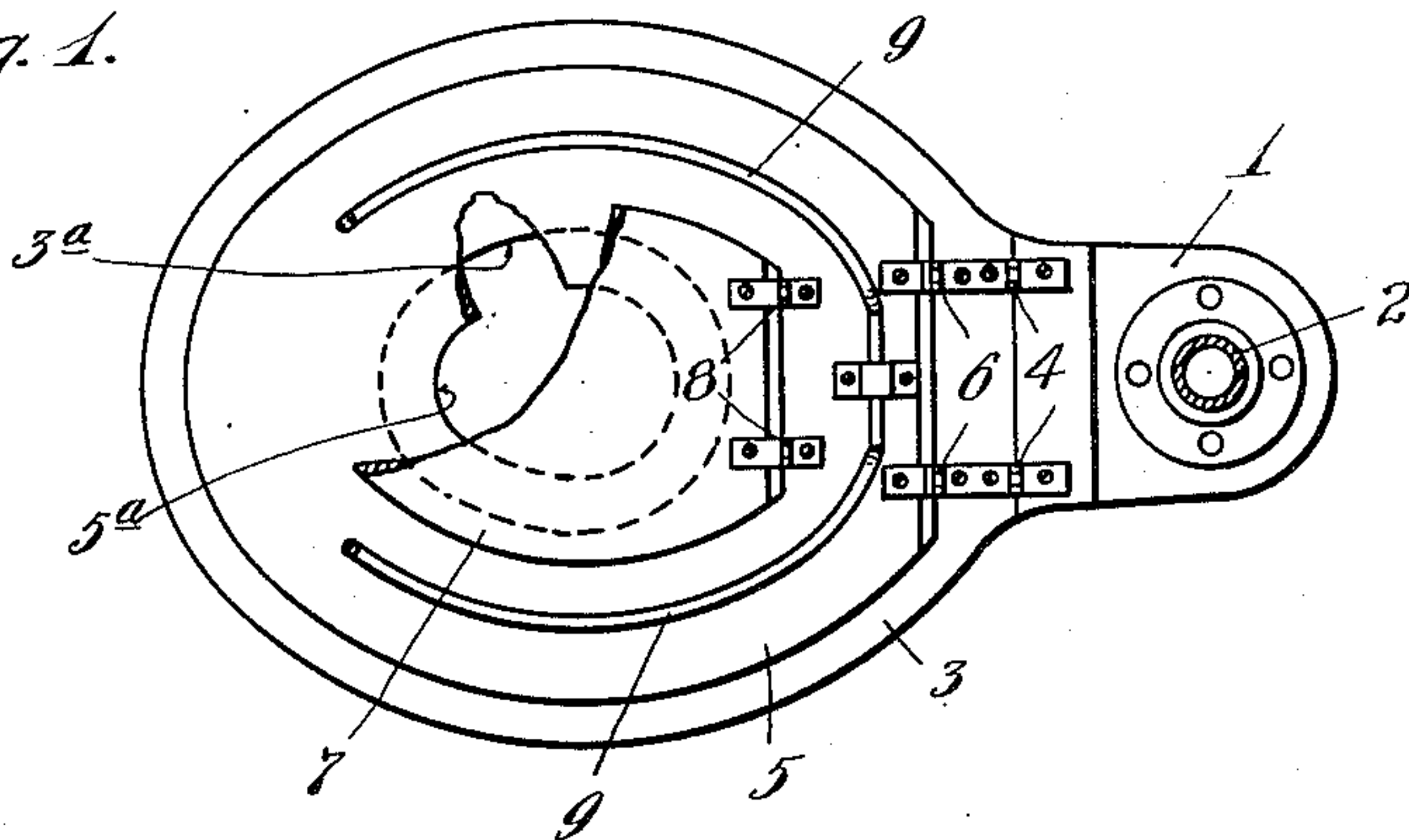


Fig. 2.

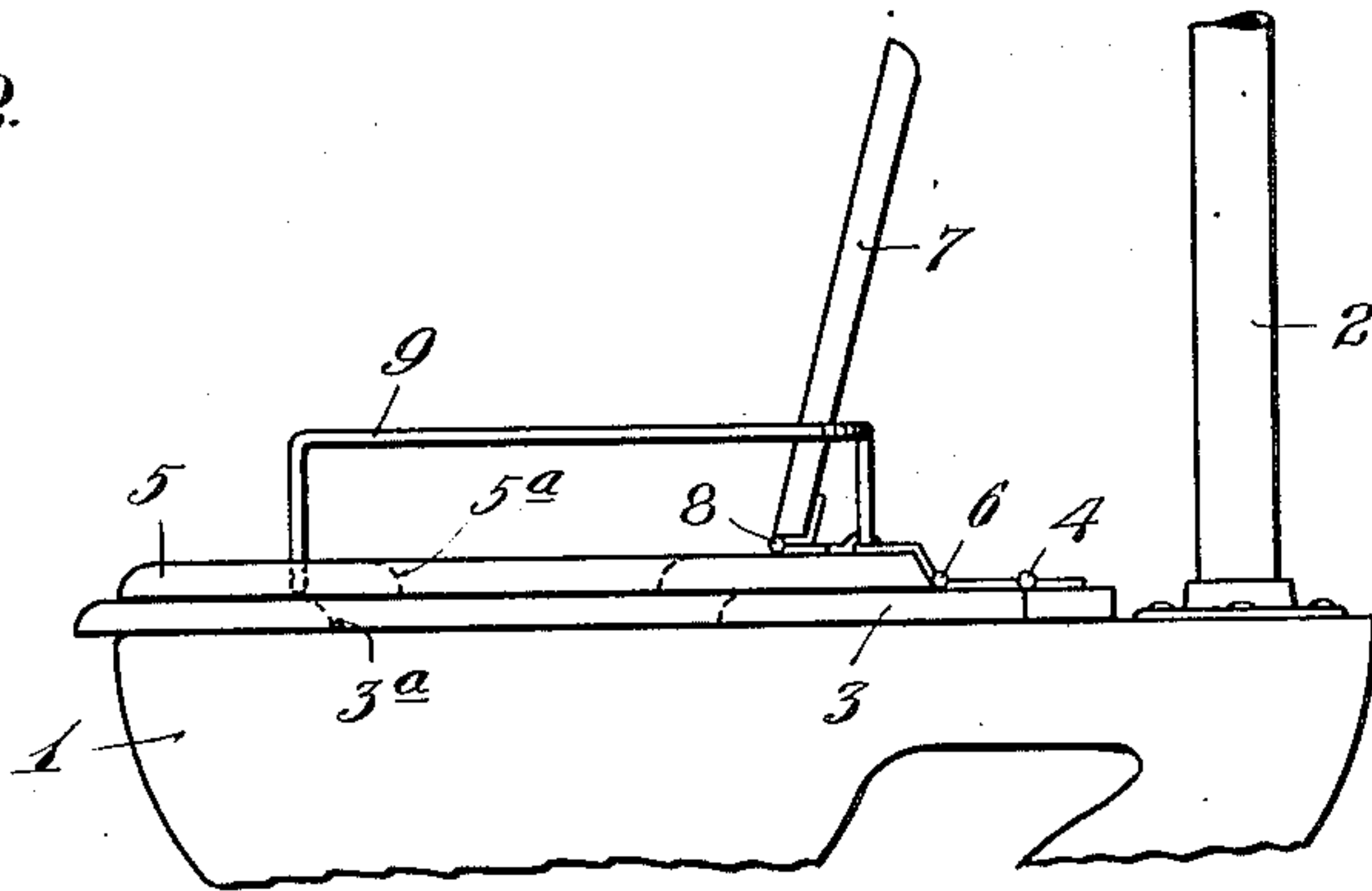
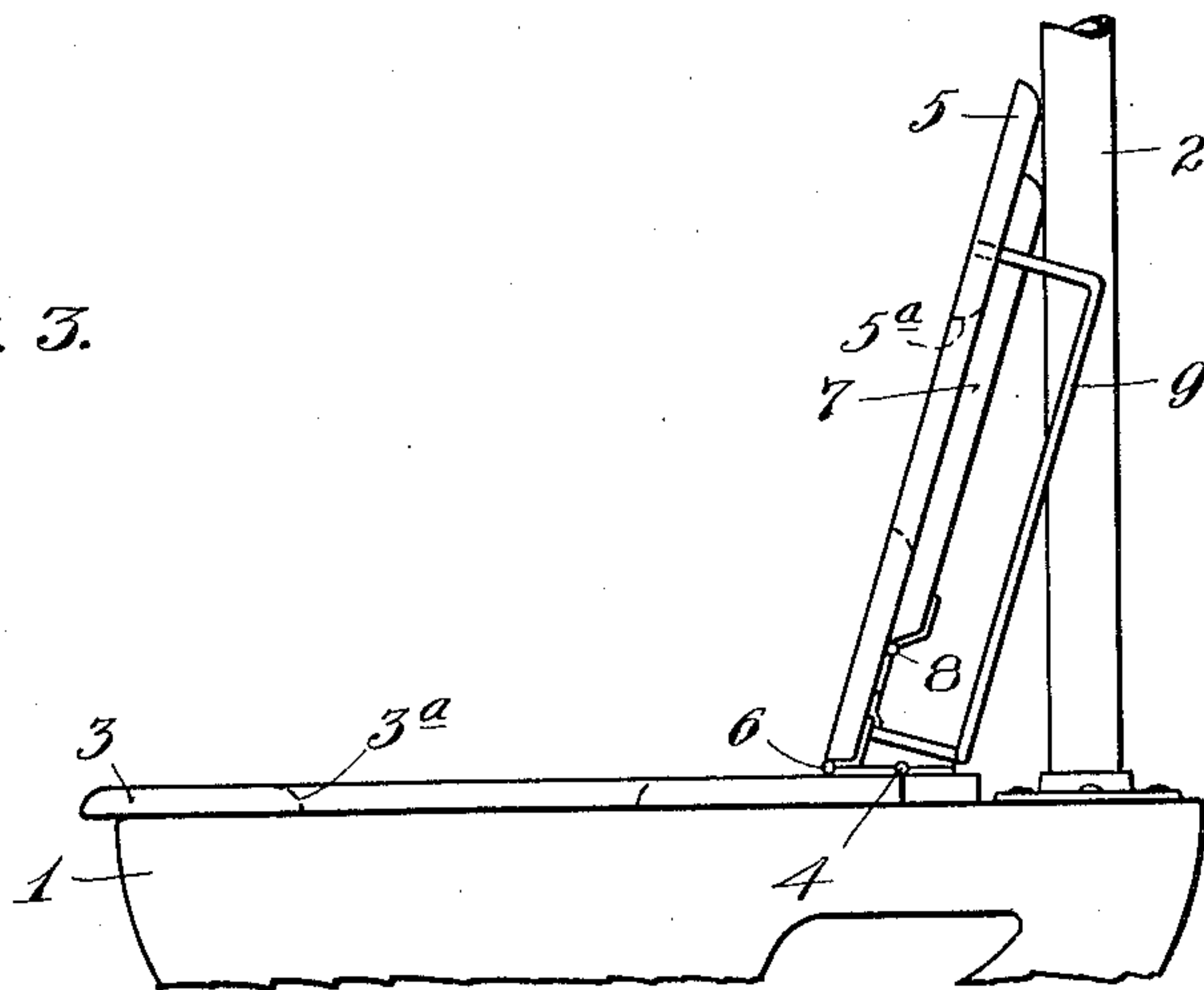


Fig. 3.



Witnesses.

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2 SHEETS—SHEET 2.

Fig. 4.

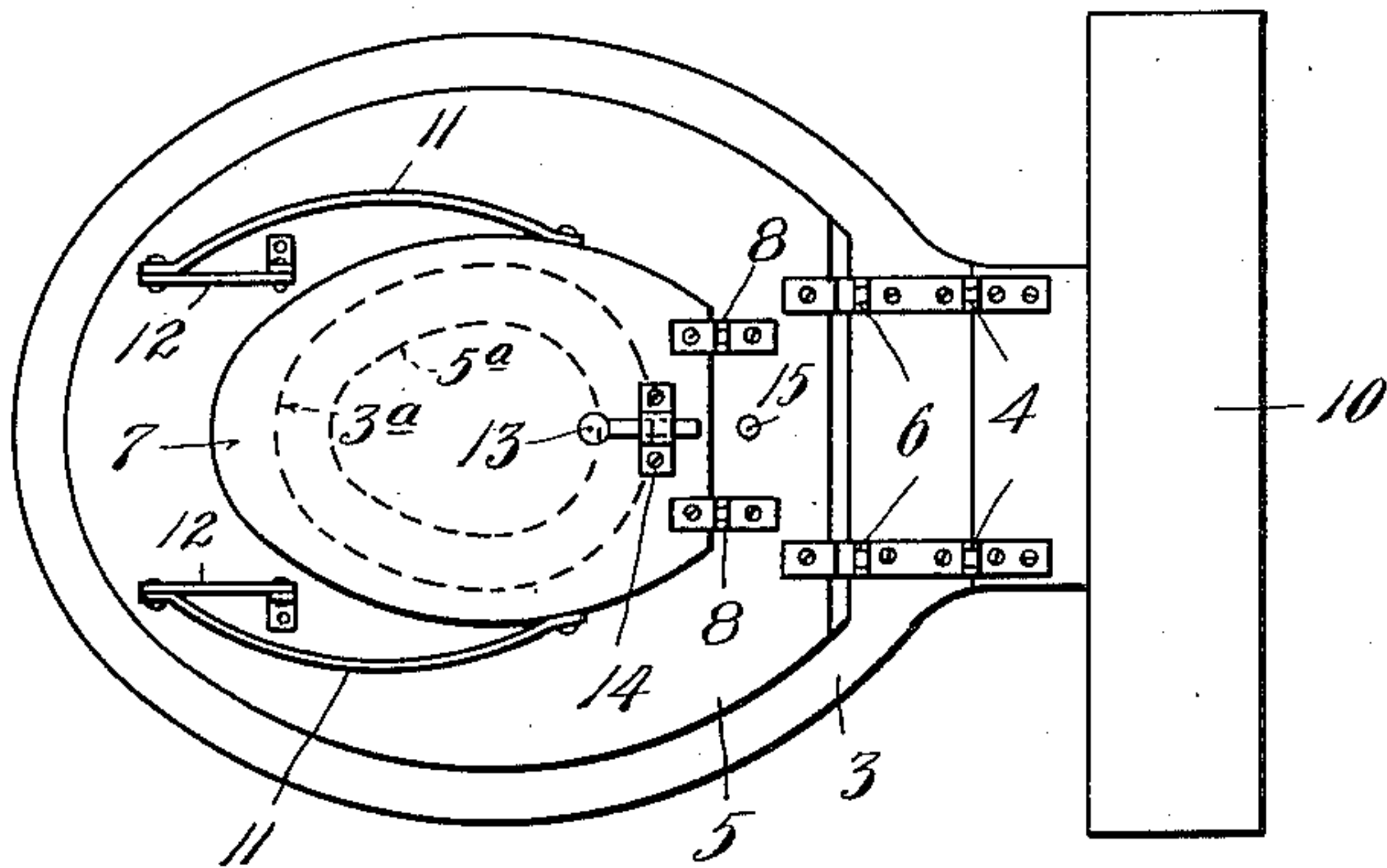


Fig. 5.

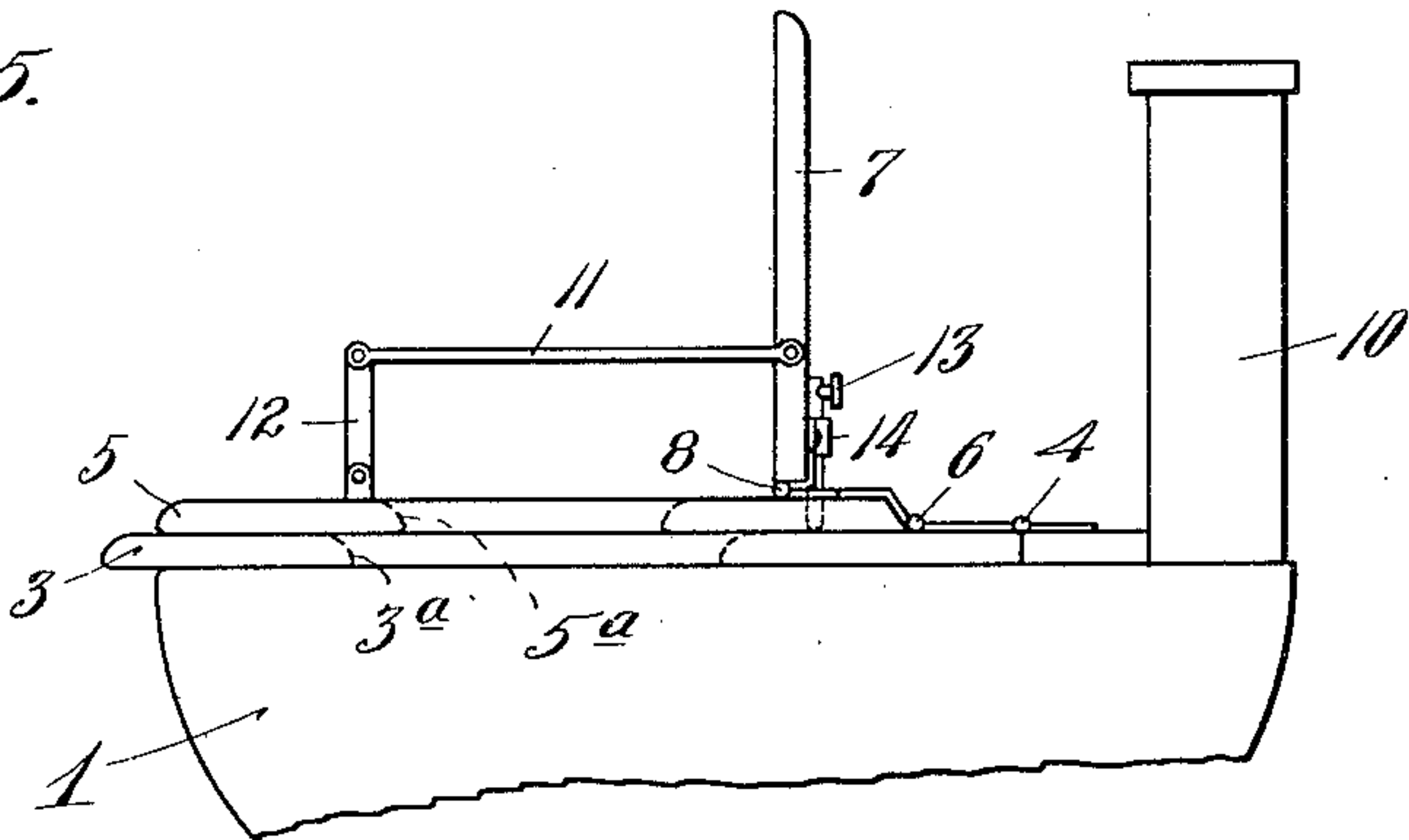
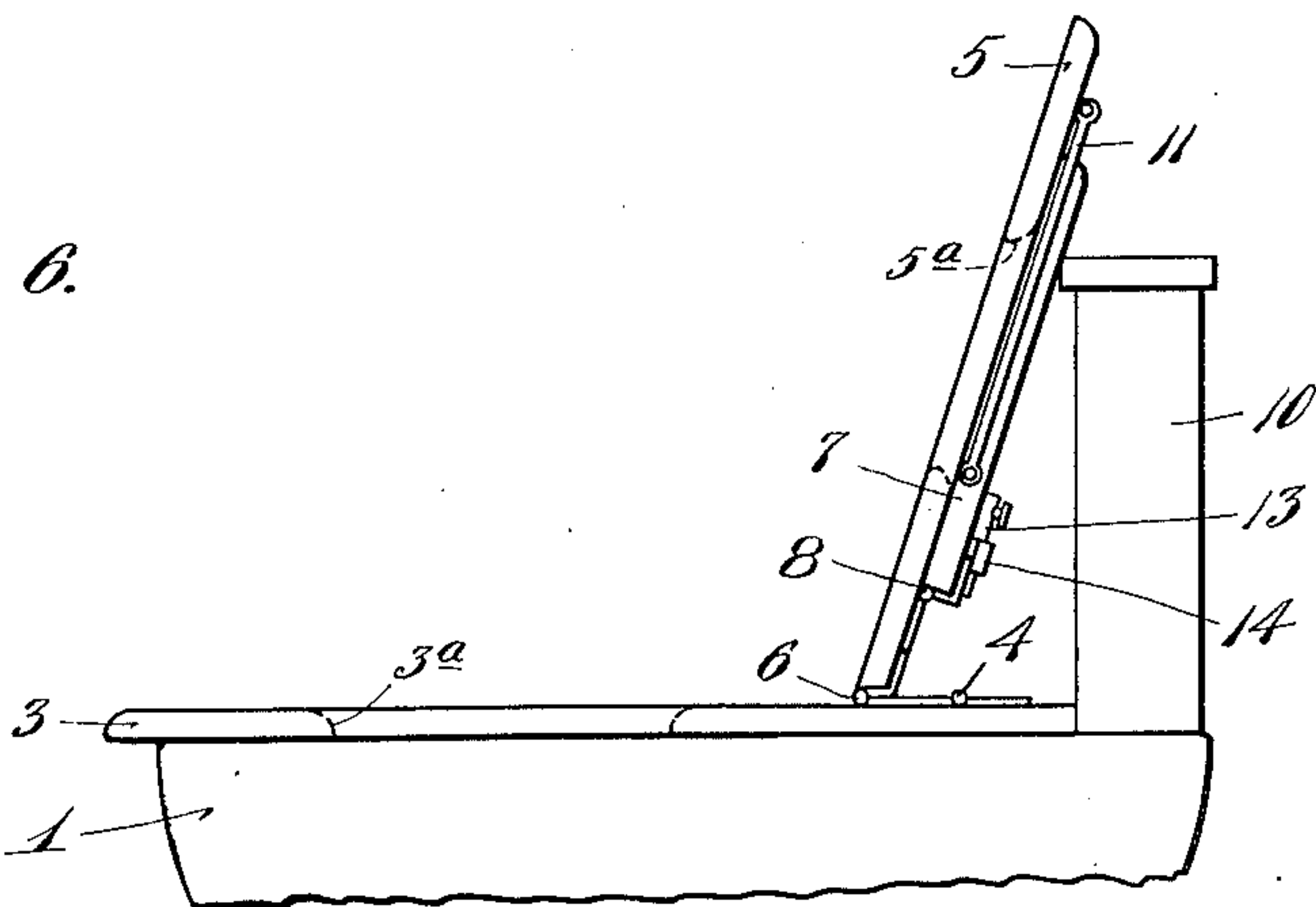


Fig. 6.



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UNITED STATES PATENT OFFICE.

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CLOSET-BOWL SEAT.

No. 812,480.

Specification of Letters Patent.

Patented Feb. 13, 1906.

Application filed March 6, 1905. Serial No. 248,410.

To all whom it may concern:

Be it known that we, JOHN M. BRYANT and JAMES B. ALLEN, citizens of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Closet-Bowl Seats; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Our invention relates to closet-bowls, and has for its object to provide an improved seat therefor adapted for use by both adults and children or infants.

To the above ends the invention consists of the novel devices and combinations of devices hereinafter described, and defined in the claims.

In the accompanying drawings, which illustrate our invention, like characters indicate like parts throughout the several views.

Figure 1 is a plan view with some parts broken away, showing the improved seat mechanism applied to a water-closet bowl of the type having elevated tanks. Fig. 2 is a side elevation of the parts shown in Fig. 1, some parts being broken away. Fig. 3 is a similar view to Fig. 2, but showing different adjustments of the seat. Fig. 4 is a plan view corresponding to Fig. 1, but illustrating a modified form of the seat mechanism adapted for application to a closet-bowl having a low-down tank. Fig. 5 is a side elevation of the parts shown in Fig. 4, some parts being broken away; and Fig. 6 is a side elevation of the same parts, but showing the parts in different positions.

Referring first to the construction illustrated in Figs. 1 to 3, inclusive, the numeral 1 indicates the closet-bowl, and the numeral 2 indicates the flushing-pipe which leads there-to from an elevated tank. (Not shown.) The numeral 3 indicates the usual seat, which is hinged to the rear portion of the bowl by hinges 4 and is provided with a hole or opening 3^a of the usual size. The numeral 5 indicates what corresponds to the usual seat-cover, the same being hinged to the seat 3 by hinges 6. In accordance with our invention this member 5 is converted into a supplemental seat by providing the same with a hole or opening 5^a that is relatively small as compared with the seat hole or opening 3^a of the main seat 3. A cover 7 for the seat-opening 5^a is connected to the supplemental seat

5 by hinges 8. In this construction, as is evident, the cover 7 when turned downward serves to close the hole in the supplemental seat 5, and the said cover 7, together with the so-called "supplemental seat" 5, affords a two-part cover for closing the hole in the main seat 3. When the device is to be used for infants or small children, only the cover 7 is turned upward, and the main seat 3 and supplemental seat 5 are turned downward, as shown in Fig. 2, and the said cover 7 serves as a back to the seat afforded for the child. As a further support or means for holding a small child on the seat raised side rails 9 of curved form are rigidly secured to the supplemental seat 5 on the opposite sides of the hole 5^a. The forward ends of these side rails 9 terminate far enough apart to permit room between them for the legs of the child when placed upon the said seat. The rear portions of the side rails 9 are preferably so terminated that they afford stops for limiting the backward movement of the cover 7 to substantially the position shown in Fig. 2. When the device is to be used by an adult, the supplemental seat 5 and cover 7 are together turned upward and backward against the flushing-pipe 2, as shown in Fig. 3, and in this position it will be noted that the upper portions of the side rails 9 embrace the sides of the flushing-pipe 2.

In the construction illustrated in Figs. 4 to 6, inclusive, the bowl 1 is shown as provided with a low-down flushing-tank 10; but the same main seat 3, supplemental seat 5, and cover 7 are employed, and the said parts are constructed and mounted in the same manner as already described, but in lieu of the fixed side rails, however, folding side rails are provided, said side rails being made up of curved side bars 11 and links 12, pivotally connected, the former to the cover 7 and the latter to the supplemental seat 5. To securely hold the cover 7 in an upright position approximately as shown in Fig. 5, a lock-plunger 13 is mounted in a keeper 14 on said cover, and the supplemental seat 5 at its rear portion is provided with a perforation or seat 15, into which said plunger is adapted to be forced, as also shown in Fig. 5. Fig. 5 shows the device adjusted for use by an infant or small child, while Fig. 6 illustrates the device adjusted for use by an adult. In the position of the parts shown in Fig. 5 the folding side rails are projected above the supplemental seat 5, while in the position of the

parts shown in Fig. 6 the said side rails are folded against the supplemental seat 5 and in the same plane as the cover 7.

5 The utility of the device above described is thought to be obvious. It adds but very slightly to the cost of the seat and cover as usually constructed and makes unnecessary the use of separate closet-bowls for the use of children and infants.

10 From what has been said it will be understood that the device described is capable of modification within the scope of our invention as herein set forth and claimed.

15 What we claim, and desire to secure by Letters Patent of the United States, is as follows:

20 1. The combination with a closet-bowl, of a main seat having a relatively large hole, a supplemental seat hinged thereto and having a relatively small hole, a cover hinged to said supplemental seat and adapted to be turned upward to form a seat-back, and side rails ap-

plied to said supplemental seat and movable into operative position when and only when said supplemental seat is moved into operative position, substantially as described. 25

2. The combination with a closet-bowl, of a main seat having a relatively large hole, a supplemental seat hinged thereto and having a relatively small hole, a cover hinged to said supplemental seat and adapted to be turned upward to form a seat-back, and folding side rails made up of sections pivotally connected with each other and pivotally attached, the one section to said supplemental seat and the other to said cover, substantially as described. 30 35

In testimony whereof we affix our signatures in presence of two witnesses.

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Witnesses:

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