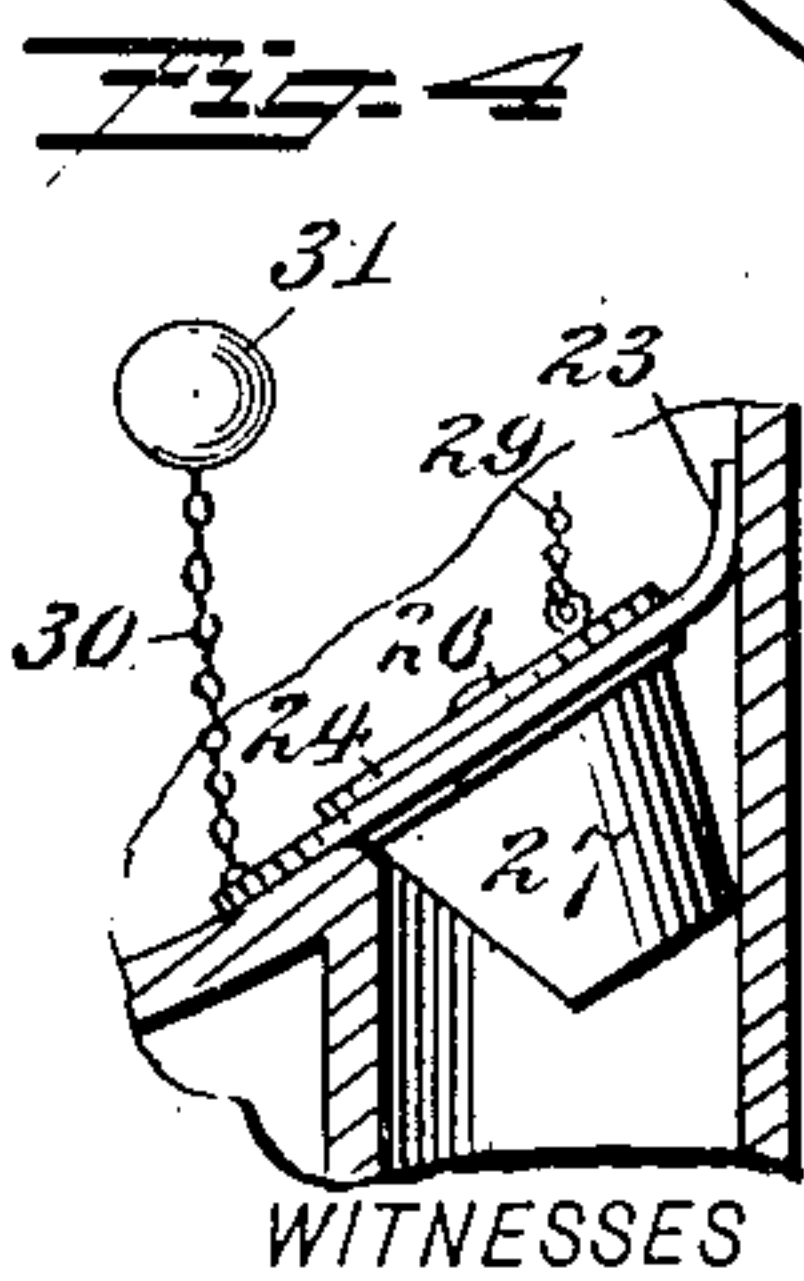
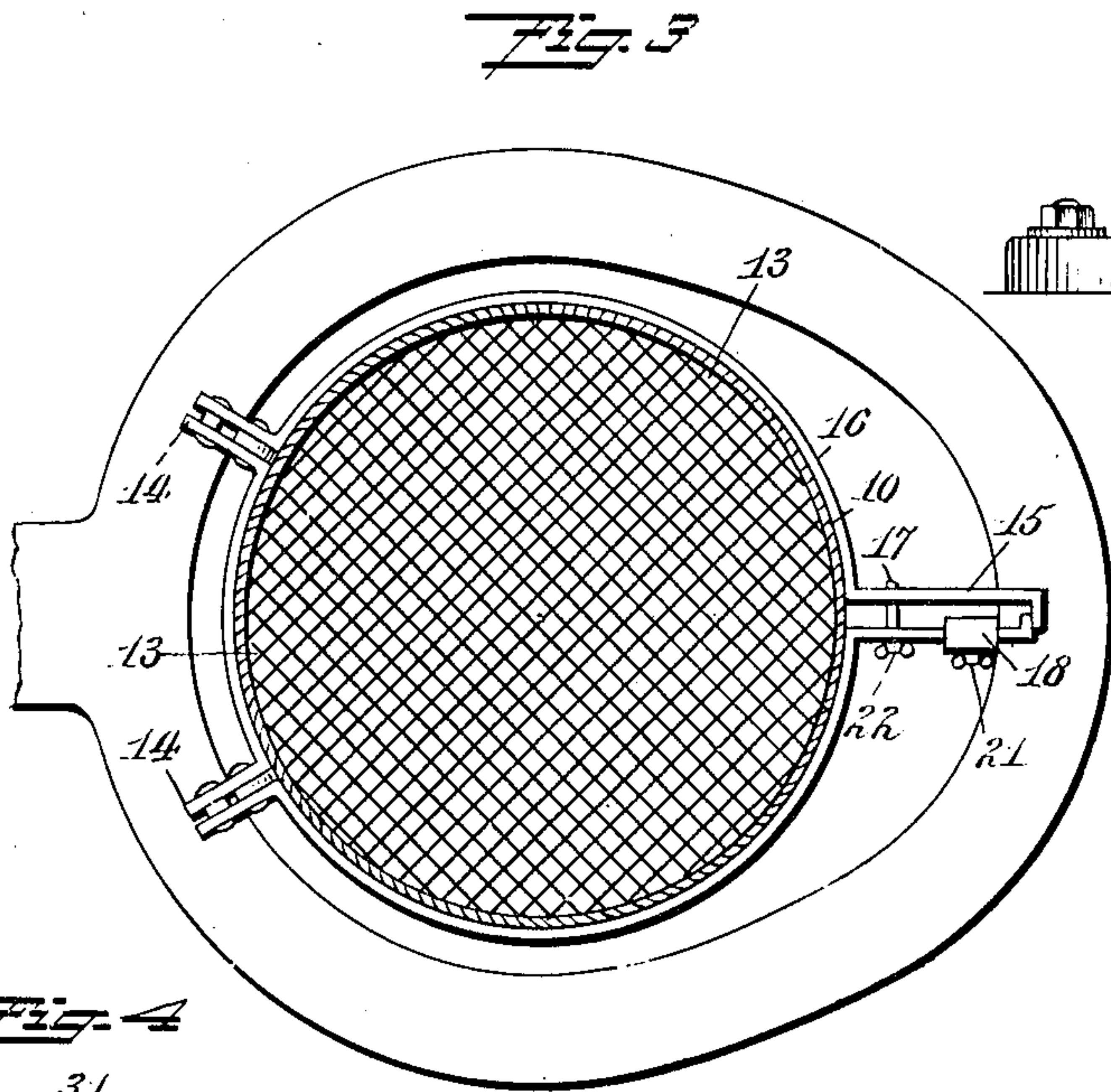
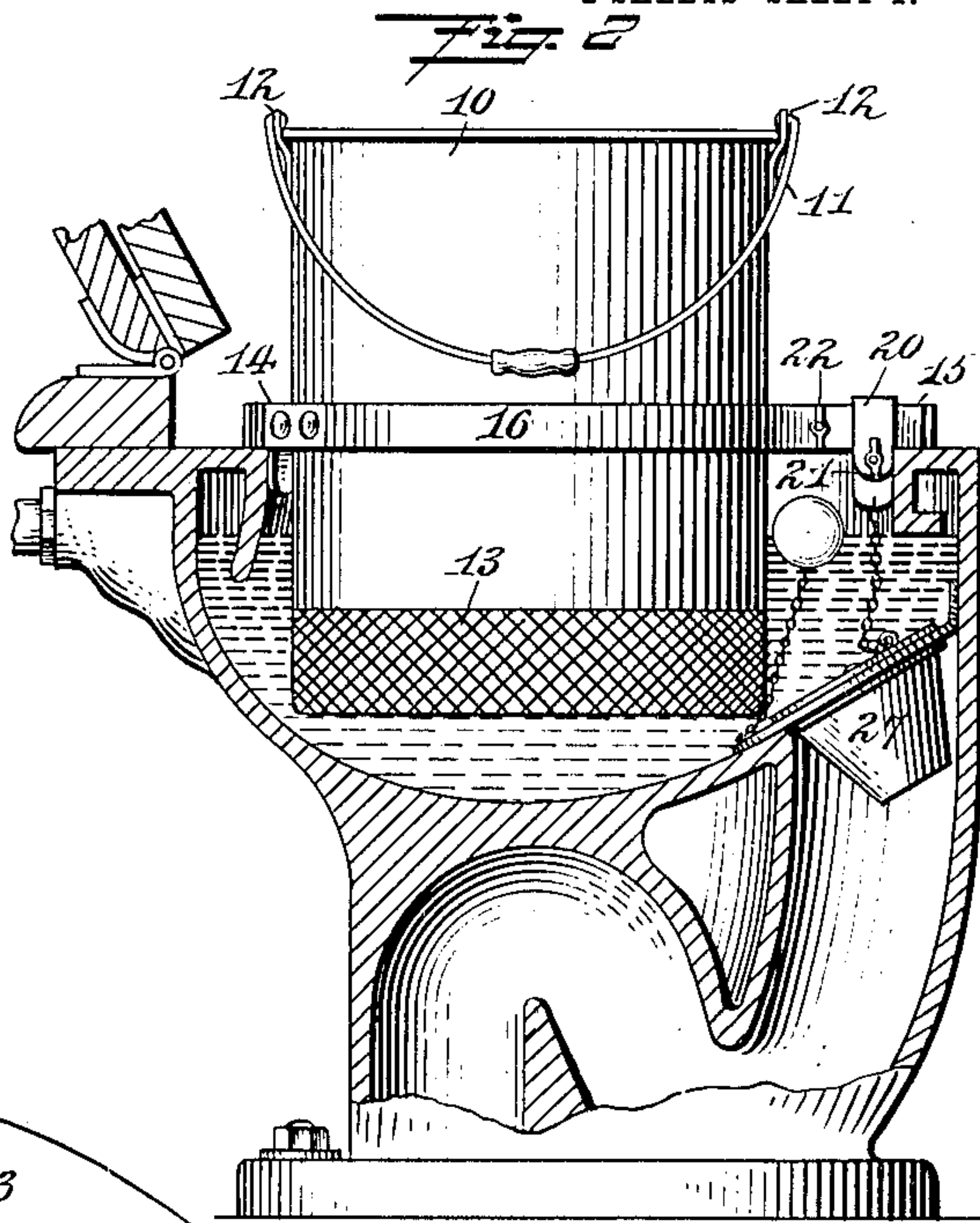
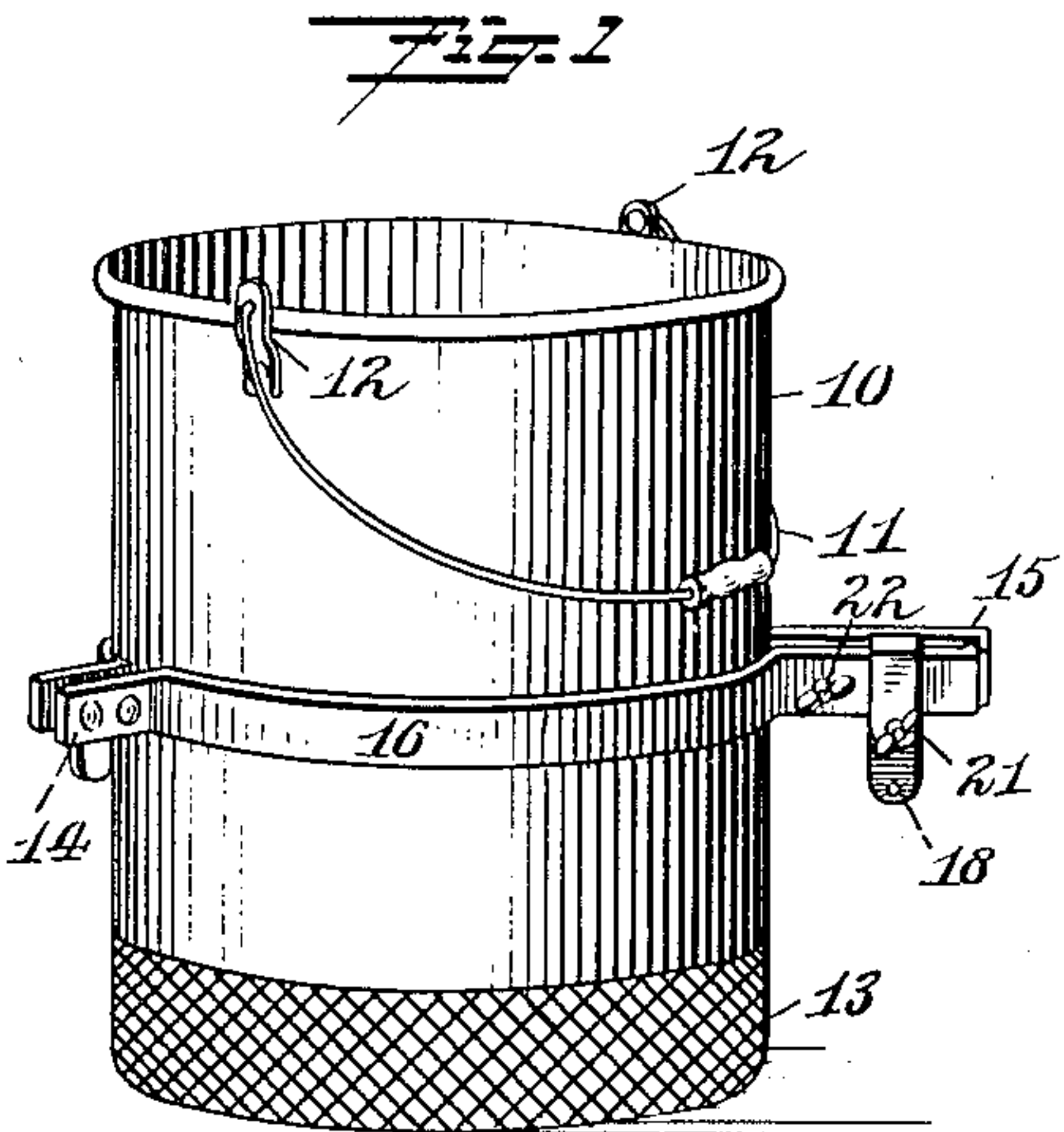


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 RECEPTACLE FOR BABY CLOTHS.
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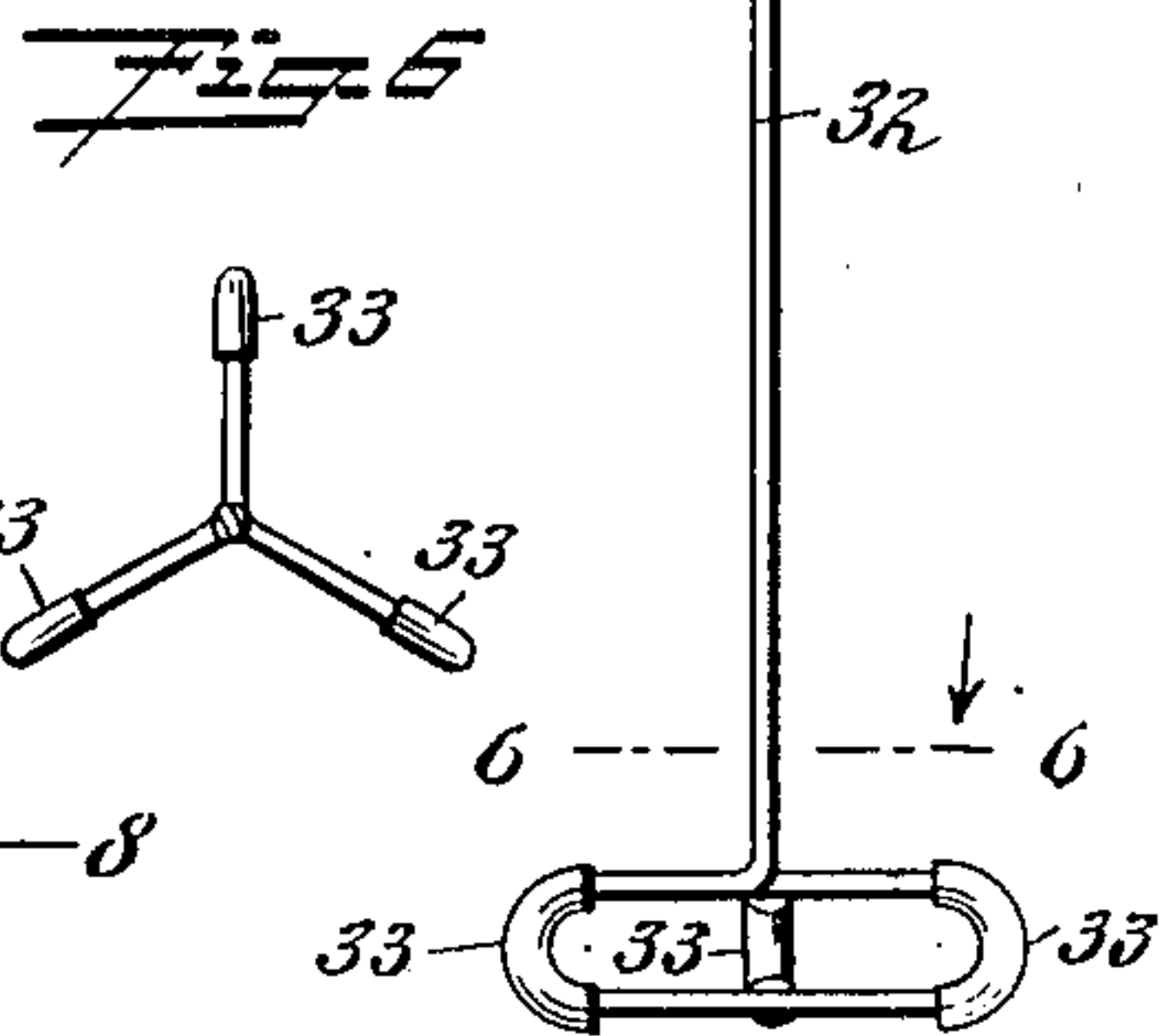
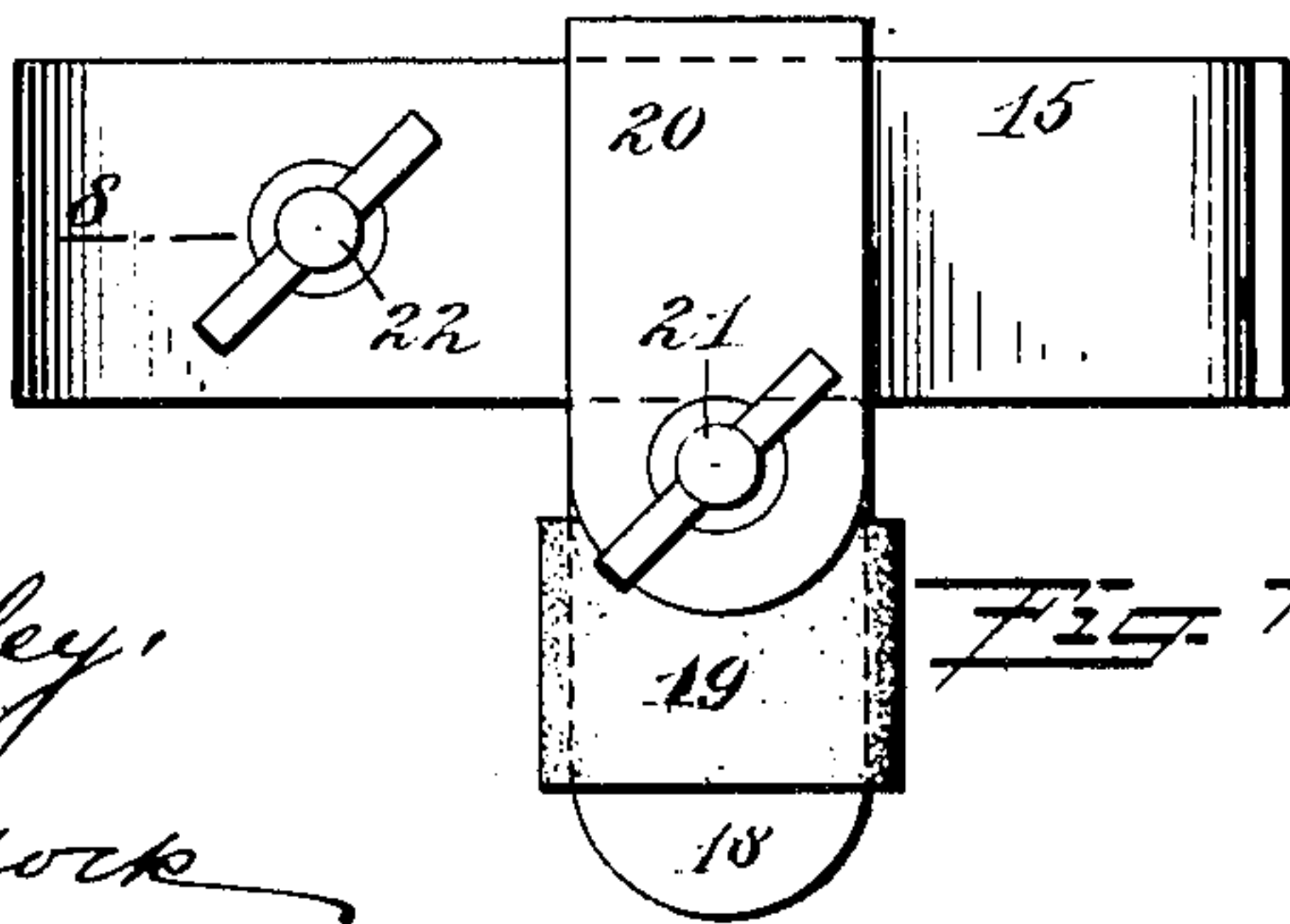
944,071.

Patented Dec. 21, 1909.

2 SHEETS—SHEET 1.



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2 SHEETS—SHEET 2.

Fig. 8

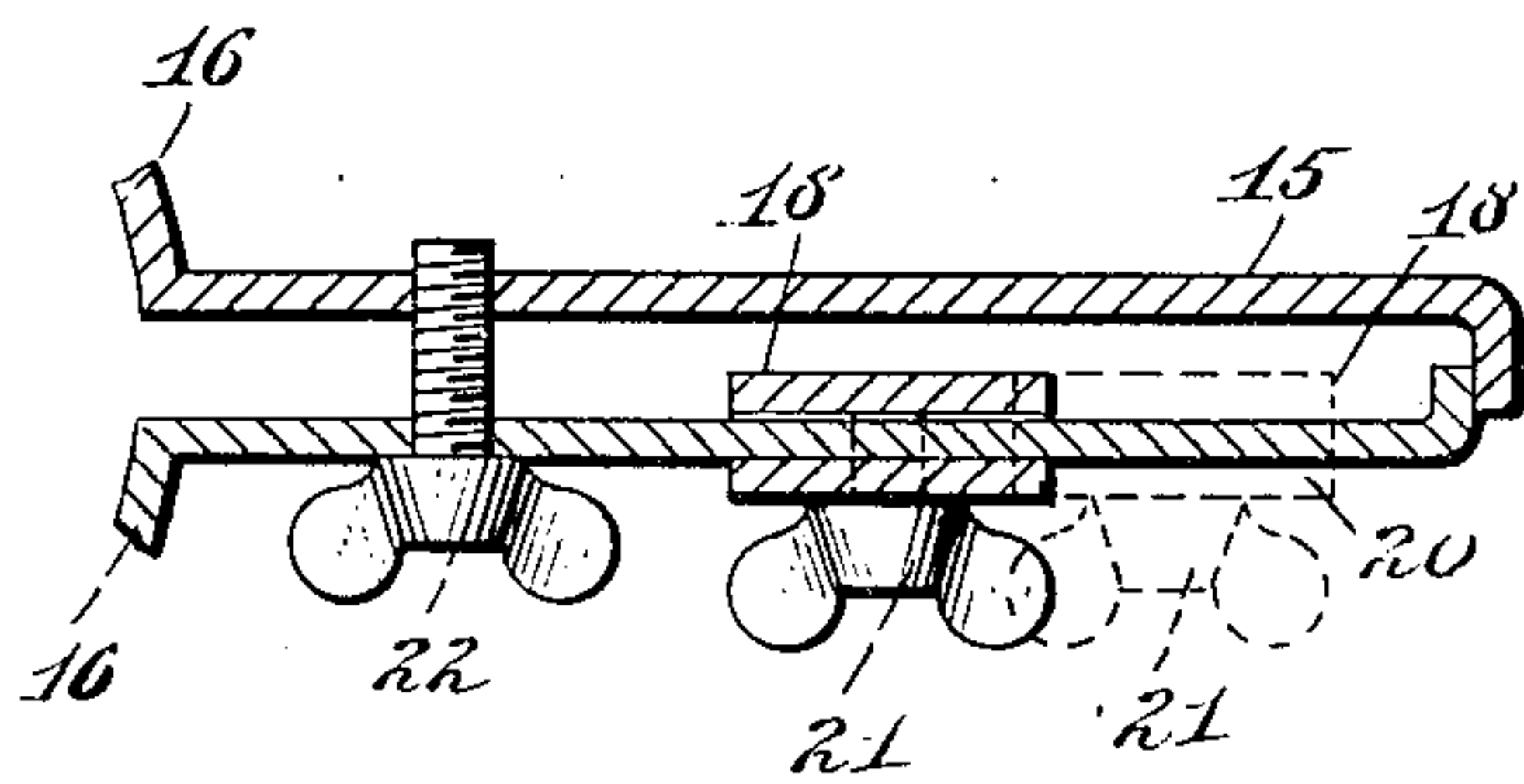


Fig. 9

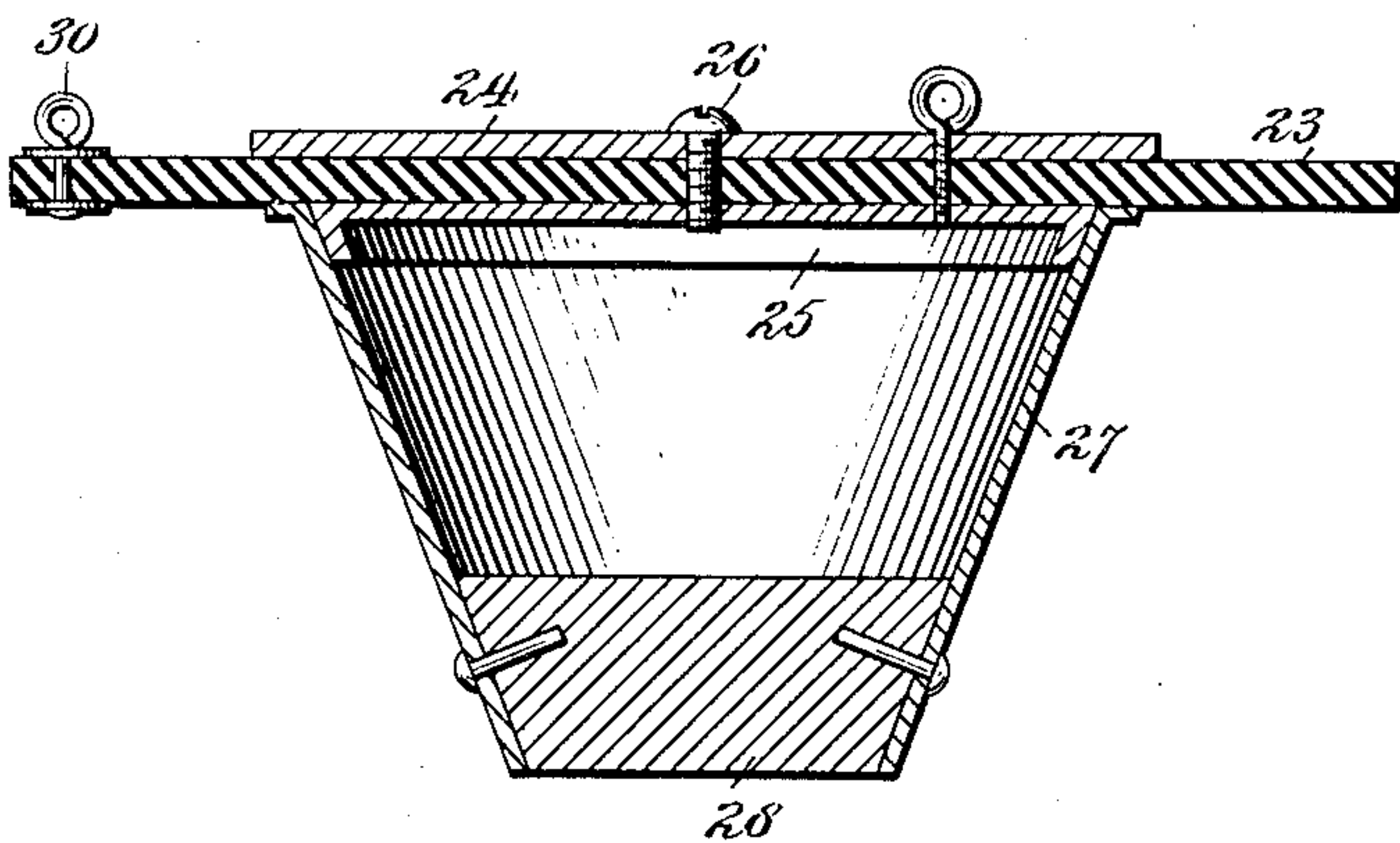
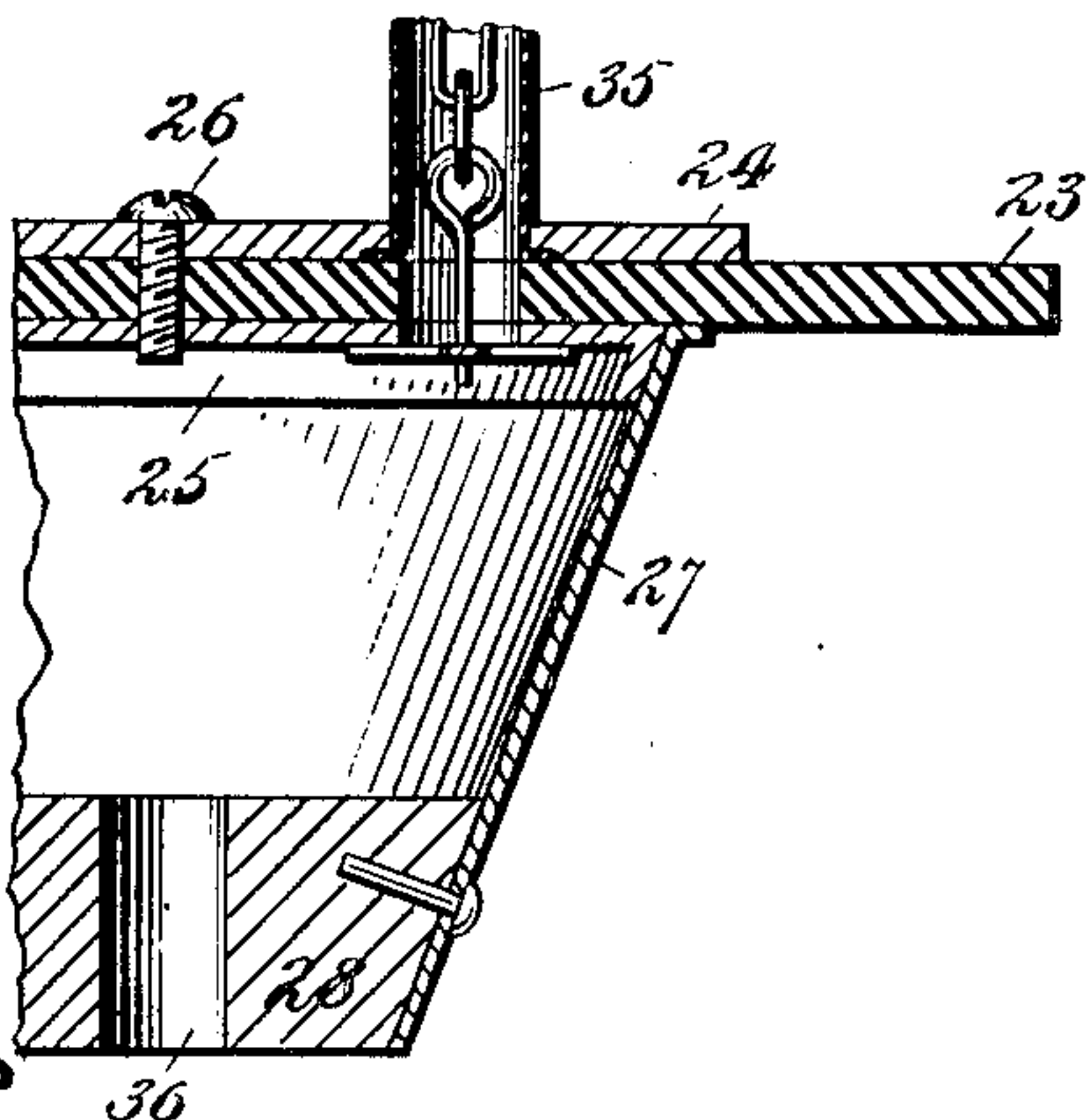


Fig. 10



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UNITED STATES PATENT OFFICE.

CHARLES BREWER, OF NEW YORK, N. Y.

RECEPTACLE FOR BABY-CLOTHS.

944,071.

Specification of Letters Patent.

Patented Dec. 21, 1909.

Application filed August 10, 1909. Serial No. 512,150.

To all whom it may concern:

Be it known that I, CHARLES BREWER, a citizen of the United States, and a resident of New York city, borough of Manhattan, in the county of New York and State of New York, have invented a new and Improved Receptacle for Baby-Cloths, of which the following is a full, clear, and exact description.

Among the principal objects which the present invention has in view are: To provide a receptacle for baby cloths and other articles of wear offensive for manual handling, in which the washing may be performed; to provide a receptacle of the character set forth which may be operated within the bowl of an ordinary water closet, utilizing the flushing water of said bowl, and wherefrom the water may be drained from said bowl; to provide holding devices for the receptacle to retain the same in operating position; to provide means for trapping the flushing water in said bowl; and to provide means for preventing the flooding of the said bowl to overflow the same.

One embodiment of the present invention is disclosed in the structure illustrated in the accompanying drawings, in which like characters of reference denote corresponding parts in all the views, and in which—

Figure 1 is a side elevation of a receptacle constructed in accordance with the present invention; Fig. 2 is a side elevation of the same shown in conjunction with a water closet bowl wherein the flushing water has been trapped to flood the receptacle; Fig. 3 is a plan view of the receptacle and bowl shown in Fig. 2; Fig. 4 is a detail view enlarged of the stopper used by me for trapping the water in the closet bowl, a fragment of the bowl being shown in conjunction therewith; Fig. 5 is a side view of a manipulator constructed in accordance with this invention and used in conjunction with the receptacle; Fig. 6 is a bottom view of the manipulator; Fig. 7 is a detail view enlarged of a fragment of one of the receptacle rests; Fig. 8 is a bottom view of the construction shown in Fig. 7 partly in section, the section being taken on the line 8—8 in Fig. 7; Fig. 9 is a detail view in section of the stopper for trapping the water in the closet bowl;

and Fig. 10 is a detail view in section of a modified form of the stopper for trapping the water in the closet bowl.

The receptacle is constructed primarily as a round metal pail body 10. Attached to this body is the usual bail 11, ear tabs 12, 12 being provided to receive the same. Fixedly secured to the lower edge of the body 10 is a molded or shaped wire bottom 13. The meshes of the bottom 13 are preferably made large to assist in the manipulation of the cloths by offering a rubbing ridge-like surface and to permit free ingress and egress therethrough. The wire from which the bottom is constructed is usually of a stiff material so that the same may resist the banging to which such a receptacle is liable to a greater or lesser extent.

In its use the receptacle is employed to receive articles of the character specified as the same are taken from the person. When the receptacle is filled, or it is desired or convenient to wash the articles contained therein, the receptacle is carried to the water closet bowl and placed within the bowl. It is to support the bottom 13 slightly removed from the bottom of the bowl, and to prevent the rotation of the receptacle within the bowl, that I have provided rests 14, 14 and 15. These rests are lateral projections from a clamping ring 16, the same being made in one or more sections. If made in more than one section the ends thereof are upturned and riveted together to form the rests 14, 14. The ends constituting the rest 15, in any event, are constructed separably. The arms forming the rest 15 are drawn together by means of a wing bolt 22, which is extended rotatably through one of the end extensions and is threaded in the other of the said extensions.

Slidably mounted on one of the extensions constituting the rest 15 is a depended arm 18. This arm is usually provided with a rubber covering 19, which is designed to be brought in contact with the inner surfaces of the roll or edge of the closet bowl. The arm 18 is provided with an over-turned extension 20, which is separated from the arm 18 sufficient to receive one of the extensions constituting the rest 15. Passing through the extension 20 rotatably and engaging the

arm 18 by screw threaded engagement, is a wing bolt 21. By the manipulation of the wing bolt 21 the extensions 18 and 20 may be caused to be drawn together or extended from each other, clamping or releasing the rest 15 between the said extensions. The arm 18 is adjustable longitudinally upon the rest 15. To each of the rests 14, 14 is fixedly secured an arm corresponding to the arm 18, having each the rubber covering 19. The ring 16 is immovably clamped upon the body 10 by means of a wing bolt 22, which is rotatably mounted in one of the extensions constituting the rest 15, and is engaged with the other extension by screw threaded engagement therewith.

When the ring 16 is placed upon the receptacle body 10, the receptacle is lowered into the bowl of the closet, the rests 14, 14 and 15 supporting the receptacle therein. The arm 18 is now moved to firmly impinge upon the inner surface of the roll or edge of the bowl, the corresponding arms of the rests 14, 14 being firmly jammed against the said arm in their positions. The various arms being thus located, the bolt 21 is tightened to hold the arm 18 connected with the rest 15 firmly in position. In this manner the receptacle is held firmly within the structure of the bowl and is in position to withstand the manipulation of the cloths within the receptacle.

The water with which the cloths are cleansed is designed to be the flushing water of the water closet system. It is to trap this water that I have provided the stopper illustrated in Figs. 2 and 9 of the drawings. The stopper consists primarily of a wide flap 23. This is formed from any suitable flexible material, that used by me at present being a rubber cloth. This is held between an upper plate 24 and a lower plate 25, which plates are bolted together by a screw 26. The flap 23 is formed of a dimension adapted to cover the waste pipe openings of the usual bowls. The flexible character of the flap permits the same to accommodate itself to the various structures at this point.

In the present construction the lower plate 25 is preferably formed as an elongated cone 27. In the lower end of the cone 27 is fixedly secured a weight 28. This weight 28 may be held within the cone 27 in any suitable manner. In some cases, where I find it desirable, I substitute for the cone 27 and the weight 28, any ordinary weighted rod suitably and fixedly secured to the lower plate 25. The purpose of the cone 27 and weight 28 is to extend into the exhaust opening of the bowl, the side of the cone resting upon the upper edge of the exhaust opening, the weighted end falling into the opening and rocking the two plates 24 and 25 so that the upper edge of the flap 23 is brought in

firm contact with the sides of the bowl above the exhaust opening. The stopper is flexibly secured by means of a chain 29 to the clamp ring 16 or one of the rests 14, 15. The chain 29 is of sufficient length to permit the handling of the receptacle without necessitating the removal of the stopper. In some cases I may provide a form of detachable fastening for the chain 29, such as a snap hook.

It is to provide against the accident of overflowing the bowl that I have provided the stopper with a short chain 30, which is secured to the outer edge of the flap 23. On the other end of the chain 30 is attached a suitable float 31. The purpose of this construction is that when the water in the bowl rises to a dangerous height the float 31 will be lifted to exert, through the chain 30, a lifting pressure on the lower edge of the flap 23. While I have secured the chain 30 to the edge of the flapper 23, I do not wish to be understood as limiting myself to such construction only, as I am well aware that an independent opening could be formed in the flap 23 which might be raised by the float 31 when the same is floated by the water to the danger point.

When the receptacle has been placed in the water closet bowl, and the stopper adjusted so that the exhaust of said bowl is closed by the flap 23, the operation is as follows: The manipulator 32 is provided with extended loops 33, 33. The loops 33, 33 are covered with rubber sections 34, 34, which, in the manipulation of the cloths, assist, by adhering more closely to the said cloths. The manipulator is now introduced among the cloths, twisting, compressing and lifting the same in imitation of the kneading process followed in hand washing. When this kneading has proceeded sufficiently to remove all filth from the cloths, the chain 29 attached to the stopper is raised, when the filth containing water is drained from the bowl. If it is desired to continue the cleaning the chain 29 is released, permitting the flapper 23 to again close the exhaust opening of the bowl. The flushing chain operates to introduce the flushing water of the closet system into the bowl, entering the receptacle through the wire bottom 13, and floating amid the cloths contained in the receptacle. Subsequent manipulation of the manipulator 32 further cleanses the cloths.

The above process may be continued indefinitely until the cloths are thoroughly clean. It will be understood that cleansing compounds, such as Pearline, or other laundry cleansers, may be used in this, as in any other process of washing. When, however, the cleansing is finished, the bolt 21 is released and the arm 18 drawn back, releasing the rests 14, 14 and 15 so that the receptacle

may be lifted from out of the bowl. It will be seen that as the same is lifted all of the water will drain through the open bottom 13. Also, it will be understood that the receptacle may be placed upon a drain board, or other convenient location, whereby means of compression exerted through the manipulator 32 entirely expels the water from the cloths.

10 While I have herein described the use of this receptacle in its preferred use and that most common, I sometimes use the receptacle in a pail, or other water holding receptacle, particularly where the modern 15 water closet is not conveniently situated. In either event it will be noticed that the hands are not brought in contact with the filth, and the cloths are not, from the time of deposit in the receptacle until withdrawn 20 therefrom cleansed, handled by any person. In thus avoiding contact with the filth the spread of many contagious diseases is prevented, notably that of dysentery, which, it is known, has its initial germinal origin in 25 the infant stool.

While I have herein described the operation of cleansing as in the employment of the usual water, it will be understood that the same may be sterilized or rendered antiseptic by any of the known chemicals. It will also be understood that while the process has been described as employing cold water, the process could be carried out by placing the receptacle within a boiler wherein the cloths could be sterilized by being 35 boiled.

While the above stated purpose for the employment of the open meshed bottom is as stated, attention is called to the fact that 40 the heavy wire and the large mesh form a further advantage in the operation of manipulating cloths, operating somewhat in the manner of a mangle thereon.

In the modified form shown in Fig. 10 45 of the drawings, there is substituted for the float 31 an open flexible pipe 35. The water received through the pipe 35 is passed from the body 27 through a perforation 36.

Having thus described my invention, what 50 I claim as new and desire to secure by Letters Patent is:—

1. A receptacle for baby cloths comprising a solid body portion adapted to rest within the bowl of a water closet and having a perforated bottom; and means for closing the 55 exhaust pipe of said closet.

2. A receptacle for baby cloths comprising a perforated body adapted to rest within the bowl of a water closet; means for holding the 60 said receptacle in guided relation with said bowl; and means for closing the exhaust pipe of said closet.

3. A receptacle for baby cloths, comprising a solid body portion forming the sides

and having secured thereto an open wire bottom adapted to form a bottom and a portion 65 of the sides of said receptacle; lateral projections depended from the solid body portion and adapted to rest upon the upper edge of a water closet bowl to support the bottom 70 of said receptacle off the bottom of the bowl; and depended arms extended from said projections adapted to rest against the inner side of said edge of the bowl.

4. A receptacle for baby cloths, comprising a solid body portion forming the sides 75 and having secured thereto an open wire bottom adapted to form a bottom and a portion of the sides of said receptacle; lateral projections depended from the solid body 80 portion and adapted to rest upon the upper edge of a water closet bowl to support the bottom of said receptacle off the bottom of the bowl; depended arms extended from said projections adapted to rest against the inner 85 side of said edge of the bowl; and adhesive coverings for said depended arms adapted to adhere to the surface of said edge.

5. A receptacle for baby cloths, comprising a solid body portion forming the sides 90 and having secured thereto an open wire bottom adapted to form a bottom and a portion of the sides of said receptacle; lateral projections depended from the solid body portion and adapted to rest upon the upper edge 95 of a water closet bowl to support the bottom of said receptacle off the bottom of the bowl; depended arms extended from said projections adapted to rest against the inner side of said edge of the bowl; and a movable 100 depended arm adapted to be extended from the said receptacle against the edge of said bowl to form adjustable contacts for the inner surface of said edge.

6. A receptacle for baby cloths, comprising a solid body portion forming the sides 105 and having secured thereto an open wire bottom adapted to form a bottom and a portion of the sides of said receptacle; lateral projections depended from the solid 110 body portion and adapted to rest upon the upper edge of a water closet bowl to support the bottom of said receptacle off the bottom of the bowl; depended arms extended from said projections adapted to rest against the 115 inner side of said edge of the bowl; a movable depended arm adapted to be extended from the said receptacle against the edge of said bowl to form adjustable contacts for the inner surface of said edge; and fastening 120 means for holding the said movable arm fixedly in the adjusted position.

7. A receptacle for baby cloths, comprising a solid body portion; a perforated bottom molded and shaped to form the lower 125 portion of the sides of said receptacle; a stopper for a water closet bowl having an extended flexible flap adapted to cover and

close the exhaust openings of various sizes of said bowls; and a flexible connection between said receptacle and said stopper.

8. A receptacle for baby cloths, comprising a solid body portion; a perforated bottom molded and shaped to form the lower portion of the sides of said receptacle; a stopper for a water closet bowl having an extended flexible flap adapted to cover and close the exhaust openings of various sizes of said bowls; a flexible connection between said receptacle and said stopper; and a weighted extended member attached to said flap and adapted to be depended in the exhaust pipe of said bowl to rock the said flap to close the opening of said exhaust pipe.

9. A receptacle for baby cloths, comprising a solid body portion; a perforated bottom molded and shaped to form the lower portion of the sides of said receptacle; a stopper for a water closet bowl having an extended flexible flap adapted to cover and close the exhaust openings of various sizes of said bowls; a flexible connection between said receptacle and said stopper; a weighted extended member attached to said flap and adapted to be depended in the exhaust pipe of said bowl to rock the said flap to close the opening of said exhaust pipe; and a float attached to the outer edge of said flap to raise the same when the water reaches a predetermined height above said flap.

10. A receptacle for baby cloths, comprising a solid body portion; a perforated bottom molded and shaped to form the lower portion of the sides of said receptacle; a stopper for a water closet bowl having an extended flexible flap adapted to cover and close the exhaust openings of various sizes of said bowls; a flexible connection between said receptacle and said stopper; a weighted extended member attached to said flap and adapted to be depended in the exhaust pipe of said bowl to rock the said flap to close the opening of said exhaust pipe; a float; and a flexible connection between said float and the outer edge of said flap.

11. A receptacle for baby cloths, comprising a solid body portion; a perforated bottom molded and shaped to form the lower portion of the sides of said receptacle; a stopper for a water closet bowl having an extended flexible flap adapted to cover and close the exhaust openings of various sizes of said bowls; a flexible connection between said receptacle and said stopper; a weighted extended member attached to said flap and adapted to be depended in the exhaust pipe of said bowl to rock the said flap to close the opening of said exhaust pipe; and a float flexibly attached to said stopper to open a diminished area thereof when the said float is raised by the water in the closet bowl.

12. A receptacle for baby cloths comprising a solid body portion; a perforated bottom molded and shaped to extend upward on the sides a desired distance; and a stopper having an extended flexible cap to cover and close various sizes of exits of water closet bowls.

13. A receptacle for baby cloths comprising a solid body portion; a perforated bottom molded and shaped to extend upward on the sides a desired distance; a stopper for the exit from the water closet bowl having an extended flexible flap adapted to cover and close various sized exits of said bowls; a flexible connection between said receptacle and said stopper; a weighted extended member attached to said flap and adapted to be depended in the exhaust pipe of said bowl to cause the said flap to close the said exits of said bowl; and a vertically extended pipe passing through said stopper to provide an overflow for the water in said bowl.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES BREWER.

Witnesses:

ALFRED FARNANDER,
E. F. MURDOCK.