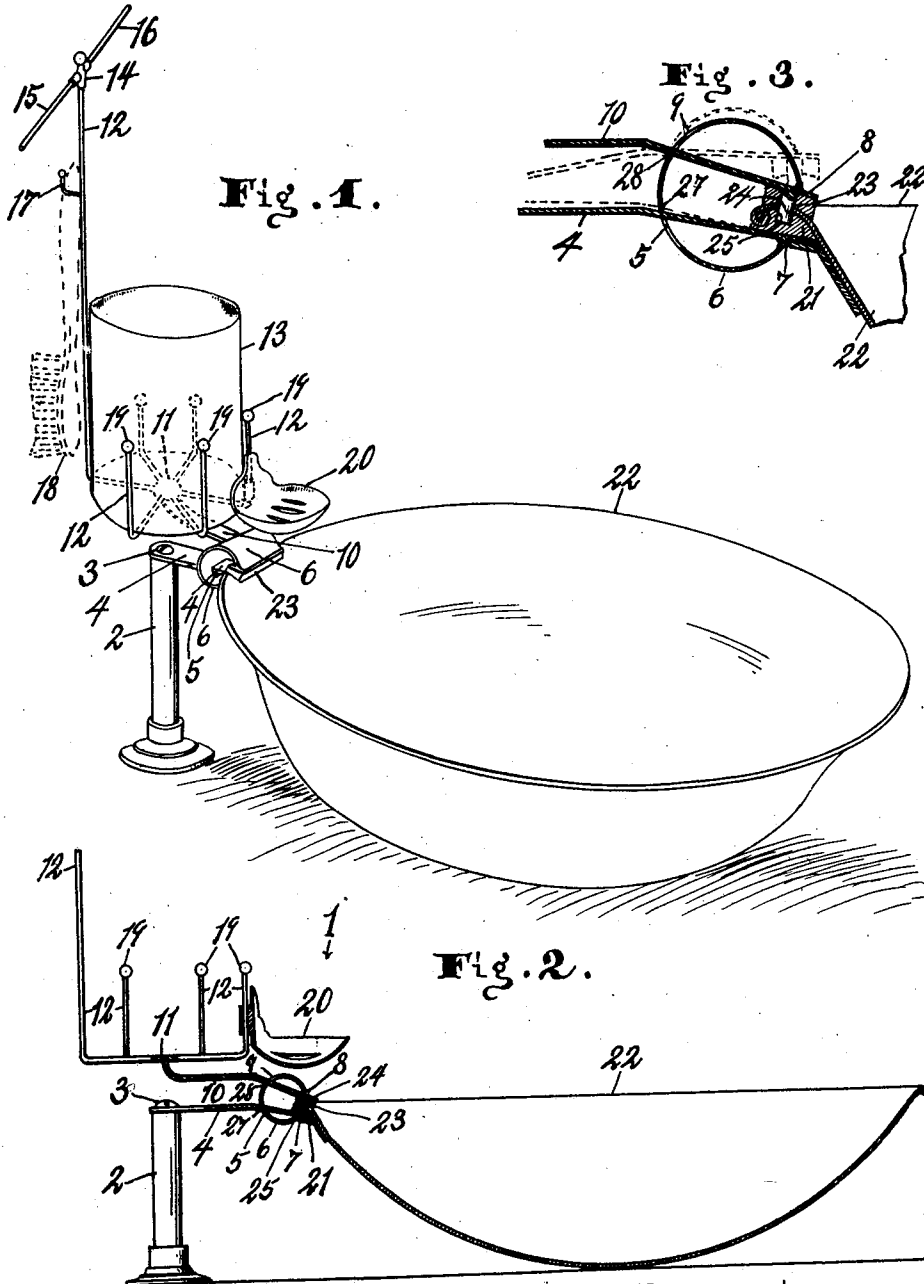


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 APPARATUS FOR HOSPITAL AND MATERNITY USE.
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APPARATUS FOR HOSPITAL AND MATERNITY USE.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM HENRY SMITH, a citizen of the United States, residing at Pasadena, in the county of Los Angeles and State of California, have invented a new and useful Apparatus for Hospital and Maternity Use; and it may be said to consist in the provision of the new and useful features and in the improved construction, combination, and arrangement of parts, the purposes of which will be apparent to those skilled in the art from a consideration of the preferred form of construction herein shown.

One of the principal objects of the invention is to provide a convenient and sanitary apparatus for the sick room toilet that will also be artistic and have a soothing and pleasing effect on the patient.

Another object of the invention is to provide an apparatus in which the bath toilet supplies are closely assembled and which are detachably joined together.

Another object of the invention is to provide an apparatus in which the wash bowl is secured, so that it cannot be easily upset; and in this respect, this invention is broadly new, and too great emphasis cannot be placed on this sanitary feature.

For, as is well known, the upsetting and spilling of the water from the bowl onto the patient, clothing or floor is one of the daily dreads of the hospital nurse; not only for its unsanitary feature but for its depressing and injurious effect on the patient.

Other objects, advantages and features of invention will appear from the accompanying drawings, the subjoined detailed description and the appended claims.

The drawings illustrate the invention.

Figure 1 is a perspective view of the apparatus as adapted for the hospital or nursery room.

Fig. 2 is a central section through a part of the lower portion of the apparatus, with a part broken away.

Fig. 3 is a central section through the clamping jaws that secure the wash bowl and its support together; the parts being shown on an enlarged scale.

In detail, the apparatus 1 consists of the stand or pedestal 2 having a base adapted to stabilize the pedestal on the top of which is secured by the screw 3 one end of the bar 4.

The other end of the bar 4 passes through

the opening 5 in the spring band 6, which band is a sheet of steel bent into the form of a cylinder, and this bending of the band brings two of the edges together in which form it is tempered to resist the movement of the edges 7 and 8 apart.

The end of the bar passing through the opening 5 is also extended between the edges 7 and 8 of the band 6 and the bottom side of the bar 4 is welded to the edge 7.

Above the bar 4 and extending through an opening 9 and between the edges 7 and 8 is another bar 10, which bar 10 has a part of its upper surface welded to the edge 8.

The other end of the bar 10 extends rearwardly and is turned upward to a position where the end is secured to the underside of a platform 11.

The platform 11 is rounded, and the center thereof is in alignment with a vertical line through the pedestal, and from the periphery of the platform 11 there are extended the radial arms 12, which arms at a point equidistant from the center of said platform are turned upward and form thereby, a holder for the cup 13.

The rearmost arm 12 is extended to a height considerably above the other arms, and has on the top thereof, the ornamental tip 14 from which tip is extended the arms 15 and 16; and these arms 15 and 16 are adapted to hold the towels and linens, which toilet articles are not shown.

Also on the rear part of this arm 12 is the extension 17 which is adapted to form a holder for the tooth brush 18, the brush being indicated by dotted lines.

The other arms 12 have on the upper ends thereof, the ornamental knobs 19; and the foremost arm 12 has secured thereto, the receptacle 20 which is adapted to hold the soap or other cleansing articles of the bath.

To the upper side and forward end of the bar 4, there is secured the gripping jaw 21, which preferably is formed of rubber and cemented to the bar 4; and the upper surface of the rubber jaw 21 is preferably formed to fit the contour of the under rim portion of the bowl 22.

Also there is secured to the underside and forward end of the bar 10, the jaw 23, which has its under surface conforming to the contour of the upper rim portion of the bowl 22, so that when the jaws 21 and 23 are gripped on the rim of the bowl 22, they fit snugly around it.

There is also a pin 24 that is secured to the forward end of the bar 10 that extends downward through the jaw 23; and this pin is adapted to pass through the hole 25 in the rim of the bowl 22 and into a recess 26 in the lower jaw 21, by which means the jaws hold firmly the rim of the bowl.

From the foregoing it can readily be seen that with the jaws secured to the rim of the bowl, and the bottom of the bowl and the bottom of the pedestal being virtually on the same level, as shown in Figs. 1 and 2, for instance, on a table, bed or floor, the bowl will be held in a firm position and the danger of tilting or upsetting will be fully eliminated.

It can also be readily seen that the pedestal and its associated parts can be easily separated from the bowl, for as shown by dotted lines in Fig. 3 the jaws 21 and 23 can be separated to remove them from gripping engagement with the rim of the bowl. This is easily and quickly accomplished by pressing downwardly on the upper bar 10. The ease and quickness of removing the bowl from the gripping jaws by the slight pressure required on the upper bar is an added advantage to this invention as it enables the attendant to instantly remove the bowl from the reach of the patient and still retain the other articles in their respective order and places.

As seen in the aforementioned figure the bars 4 and 10 when they have their rearward ends brought nearer together pivot on the points 27 and 28 in the openings 5 and 9 respectively, whereby the forward ends of said bars are moved farther apart, which movement opens the jaws 21 and 23, either for placing them on or removing them from the rim of the bowl.

Preferably the apparatus is finished in pure white enamel so as to lend to its artistic features, the element of purity.

In use in the sick room or nursery the pedestal and bowl are secured together and the articles associated with a bath are placed on the apparatus in their respective places, after which the apparatus is carried into the sick room or nursery where it can be set on the bed, table or floor, and used by the nurse or attendant to bathe the patient without danger of upsetting the bowl. The resilient gripping engagement with the rim of the bowl prevents the bowl from tilting and keeps the bottom of the base and the bottom of the bowl in practically a horizontal plane when used on uneven surfaces such as are present when the apparatus is set on a bed.

And as also previously stated the general appearance and artistic effect will produce in the patient a cheerfulness that otherwise would be lacking.

It should be observed that by the connection of the jaw 23 with the bar 10, the resilient band 6, besides serving the purpose of

holding the jaws 21 and 23 in resilient gripping engagement with the rim of the bowl 22, also serves the purpose of resiliently supporting the bar 10 and thereby adds to the usefulness of my apparatus the advantage that shocks imparted to the apparatus in a measure may be absorbed, thus lessening the annoyance to patients, who are particularly sensitive to all disturbing factors, and whose recovery often depends upon freedom from noise and other annoyances.

This invention admits of modifications and changes, and a right is reserved to all such modifications as do not depart from the scope and spirit of the invention.

I claim.

1. In an apparatus for hospital and nursery, a pedestal having a stabilizing base, a bar having one end secured to said pedestal; resilient bowl gripping jaws secured to the other end of said bar, and adapted for resiliently gripping a bowl at the edge thereof, one jaw contacting with one surface of said bowl, and the other jaw contacting with the other surface of the bowl; and means for resiliently attaching said jaws to said bowl, so that the bottom of the base may be on the same level as the bottom of the bowl in order to prevent the bowl from tilting.

2. In an apparatus for hospital and nursery, a pedestal having a stabilizing base, a bar having one end secured to the top of said pedestal, resilient jaws secured to the other end of said bar and adapted for resiliently gripping a bowl at the rim thereof, one jaw contacting with one surface of the rim, and the other jaw contacting with the other surface of the rim, and means for resiliently attaching said jaws to the rim, so that the bottom of the base may be on the same level as the bottom of the bowl in order to prevent the bowl from tilting.

3. In an apparatus for hospitals and nurseries, the combination with a bowl, of a stabilized support; a bar having one end secured to said support; a gripping jaw secured to the other end of the bar; a second jaw resiliently connected with the first jaw and adapted to cooperate with the first jaw for resiliently gripping the bowl at one side thereof, said second jaw having a bar extending above the first-named bar, arms on said second bar for holding a cup; and attachments on two of said arms for holding toilet articles thereon.

4. In an apparatus for hospitals and nurseries, the combination with a bowl, of a stabilized support; a bar having one end secured to said support; a gripping jaw secured to the other end of the bar; a second jaw resiliently connected with the first jaw and adapted to cooperate with said first jaw for resiliently gripping the bowl at one side thereof, said second jaw having a bar extending above the first-named bar; a plat-

form on said second bar above said support; arms extended from said platform and forming a seat for a cup; a receptacle secured to one of said arms; and toilet hanging attachments secured to another of said arms.

5 5. In an apparatus for hospitals and nurseries, the combination with a bowl, of a stabilizing support; a bar having one end secured to said support; a gripping jaw secured to the other end of the bar; a second 10 jaw resiliently connected with the first jaw and adapted to cooperate with the first jaw for resiliently gripping the bowl at one side thereof, said second jaw having a bar extending above the first-named bar; and 15 means whereby said jaws are released from gripping engagement with said bowl by a downward pressure on the bar which extends above said first-named bar.

20 6. In an apparatus for hospitals and nurseries, the combination with a bowl, of a stabilizing support; a bar having one end secured to said support; a gripping jaw secured to the other end of the bar; a second 25 jaw resiliently connected with the first jaw and adapted to cooperate with said first jaw for resiliently gripping the bowl at one side thereof, said second jaw having a bar extending above the first-named bar; and 30 means whereby said bowl is released from said jaws by pressing the ends nearest said support toward one another.

7. In an apparatus for hospital and nursery, a pedestal having a stabilizing base; a bar having one end secured to said pedestal; 35 resilient bowl gripping jaws secured to the other end of said bar, and adapted for resiliently gripping a bowl at the edge thereof, one jaw contacting with one surface of said bowl, and the other jaw contacting with the 40 other surface of the bowl; and means whereby said bowl is released from said resilient gripping jaws by a slight pressure on one of said jaws.

8. In an apparatus for hospital and nursery, a pedestal having a stabilizing base; 45 a bar having one end secured to said pedestal; resilient bowl gripping jaws secured to the other end of said bar, and adapted for resiliently gripping a bowl at the edge thereof, 50 one jaw contacting with one surface of said bowl, and the other jaw contacting with the other surface of the bowl; and so that the bottom of the base and the bottom of the bowl may be in a practically horizontal 55 plane in order to keep the bowl from tilting when used on uneven surfaces.

In testimony whereof, I have hereunto set my hand at Los Angeles, California, this 15th day of April, 1919.

WILLIAM HENRY SMITH.

Witness:

WM. M. GENTLE.