D. A. CARPENTER.

LAVATORY FIXTURE.

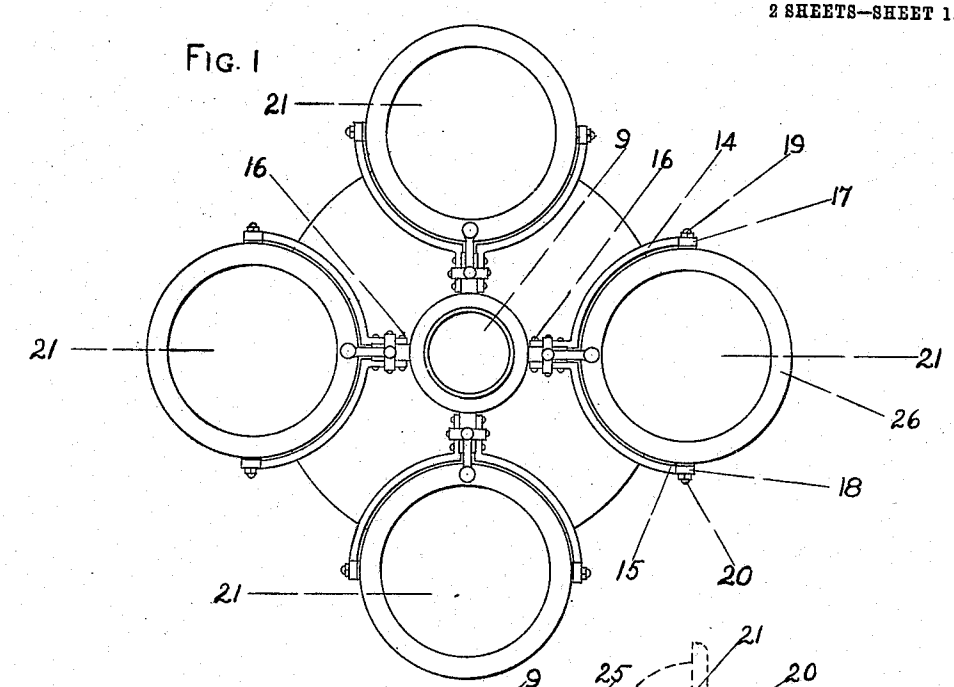
APPLICATION FILED MAR. 9, 1908.

937,509.

Patented Oct. 19, 1909.

2 SHEETS—SHEET 1.

FIG. 1



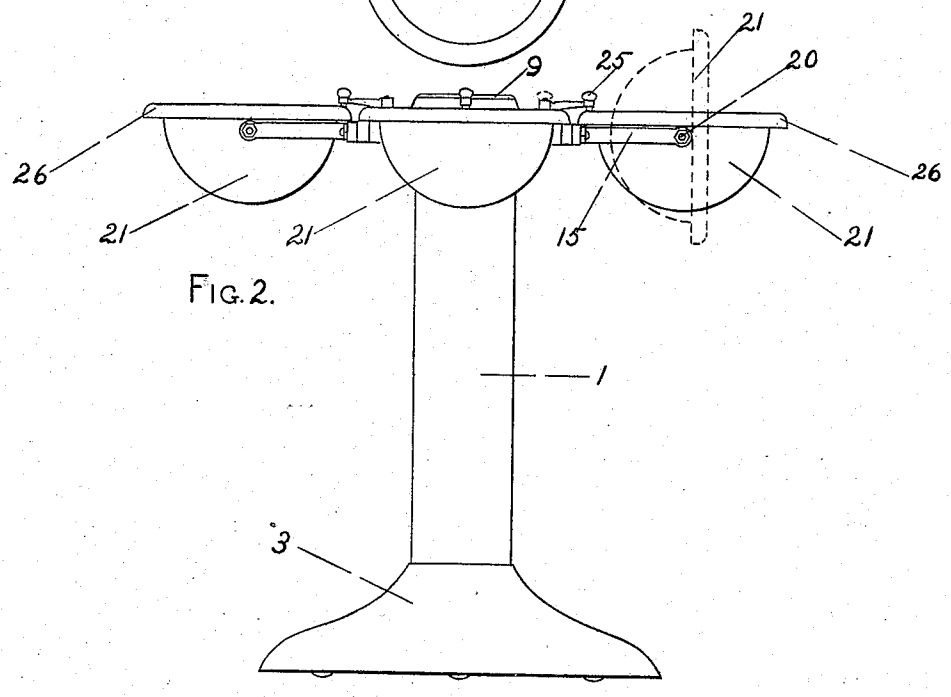


FIG. 2.

Inventor

Donald A. Carpenter

Witnesses

Pearl Ackerman

Thos. M. McNiece

By John H. Boss

his Attorney

ANDREW. B. GRAHAM CO., PHOTO-LITHOGRAPHERS, WASHINGTON, D. C.

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2 SHEETS—SHEET 2.

FIG. 5

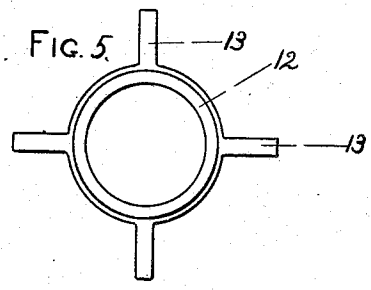


FIG 3

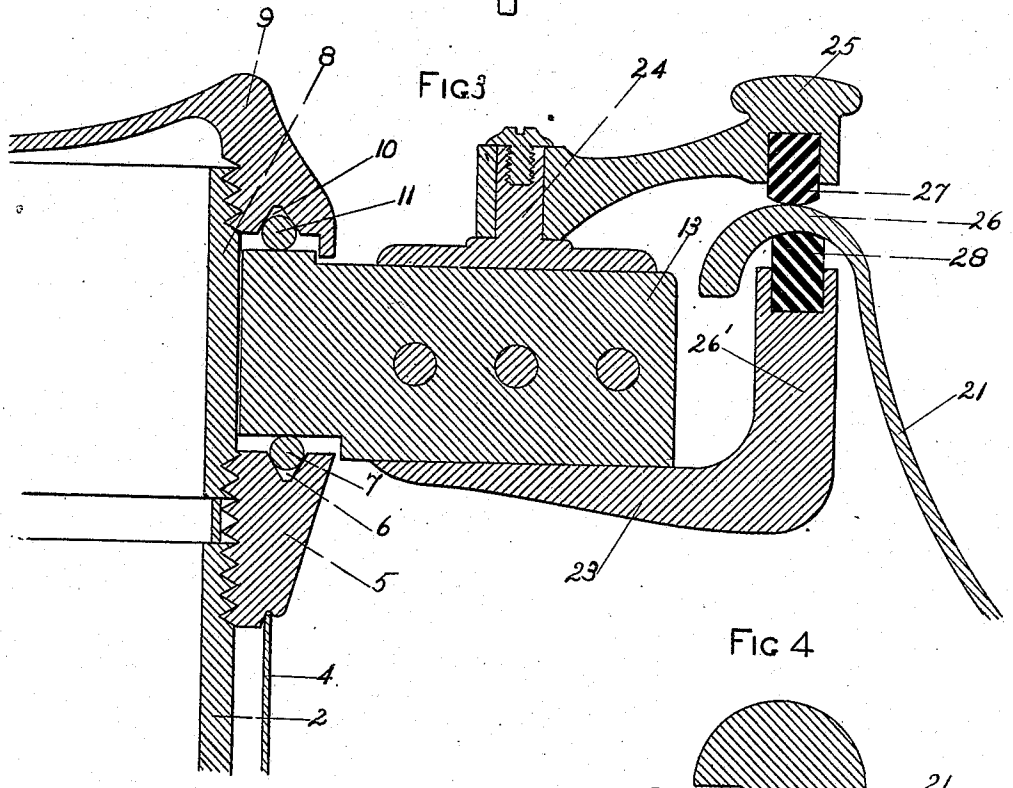
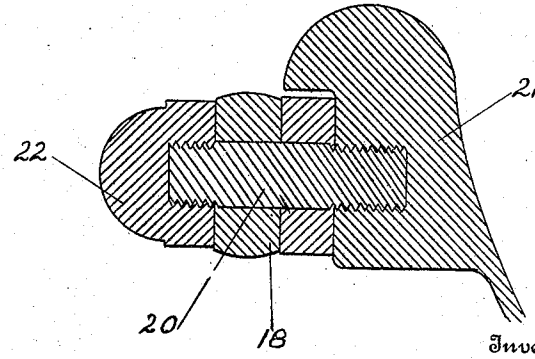


FIG 4



Witnesses

Pearl Ackerman

Thos. M. McNiece

Inventor

Donald A. Carpenter

By John L. Boos

Attorney

ANDREW. B. GRAHAM CO., PHOTO-LITHOGRAPHERS, WASHINGTON, D. C

UNITED STATES PATENT OFFICE.

DONALD A. CARPENTER, OF MANSFIELD, OHIO.

LAVATORY-FIXTURE.

937,509. Specification of Letters Patent. Patented Oct. 19, 1909.

Application filed March 9, 1908. Serial No. 419,894.

To all whom it may concern:

Be it known that I, DONALD A. CARPENTER, citizen of the United States, residing at Mansfield, in the county of Richland and State of Ohio, have invented certain new and useful Improvements in Lavatory-Fixtures, of which the following is a specification.

My invention comprises the combination of wash-basins and a fixture and especially relates to that class of fixtures that have one or more wash-bowls mounted upon the fixture for surgeons' or barbers' use or any other use to which it may be applied.

The object of my invention primarily is the construction of a fixture having one or more wash-bowls mounted upon the fixture and adapted to be rotated in a horizontal plane with means of pivotally mounting the wash-basin in such a manner as to permit it to be swung vertically for the purpose of emptying the contents of the basin.

A further object is to provide means of securely locking the basin in a horizontal plane when the operator is using the basin.

A further object of my invention is to construct a fixture with wash-basins mounted thereon in such a manner as to permit the operator to use one or more of the basins without changing his position. The means provided for horizontally rotating and vertically swinging the basins permits the operator to use the basins for the purpose intended and empty the contents of each basin alternately without moving his position.

Referring to the drawings, Figure 1, is a plan view of the fixture showing four wash-bowls or basins mounted thereon. Fig. 2 is a side elevation of Fig. 1, showing one of the bowls in dotted lines swung to a vertical position for the purpose of emptying the contents. Fig. 3, is a cross-sectional view of parts of the pedestal, small section of pipe, cap, ring, annular support and locking mechanism used for the purpose of locking the basins in a horizontal position. Fig. 4 is a cross-sectional view of the trunnion mechanism upon which the bowls are horizontally mounted. Fig. 5 is a plan view of the annular suport, showing the projecting lugs to which the yokes are attached between the free ends of which the bowls are pivotally mounted for the purpose of emptying their contents.

Reference numeral 1 represents a pedestal which is composed of two parts, the inner part 2 being preferably made of the ordinary black pipe or the like one end of which is attached to a flaring base 3 through the medium of screw-threads, and the outer part 4 which surrounds the part 2 and is preferably made of brass or aluminum. Annular grooves are provided in the flaring base and annular ring to rigidly retain the part 4 in place.

The annular ring 5 is provided with a screw-threaded inner periphery and is secured to the upper portion of the part 2 of the pedestal 1 through the medium of screw-threads which are formed on the outer periphery thereof. The upper portion of the annular ring has a ball race 6 formed therein to receive the balls 7.

A small section of pipe 8 is threadably connected to the annular ring 5. The free end is screw-threaded to engage with the inner periphery of the cap 9 which is used for the purpose of holding any article the operator may desire to place thereon. An annular support 12 is loosely fitted to the pipe 8 and interposed between the ring 5 and cap 9 resting upon and supported by the balls 7 which are secured in the ball race 6. The balls 11 which are placed in the ball race 10 contact with the upper portion of the annular support 12. The cap 9 is adjusted so as to permit the annular support to rotate freely in a horizontal plane. The annular support 12 is also provided with lugs 13 which project outwardly in a horizontal plane as shown more clearly in Fig. 5.

Yokes composed of two semi-circular parts 14 and 15 are securely attached to the outwardly projecting lugs 13 by the bolts 16 or other well known fastening means. The parts 14 and 15 extend outwardly in a horizontal plane leaving a space between the ends. They are provided with eyes 17 and 18. Stud bolts 19 and 20 are inserted in the eyes and are threadably secured to the wash-basin or basins 21. A nut 22 is secured to the free end of the stud bolt 20 leaving the eyes of the parts 14 and 15 comprising the yoke interposed between the basin and nut 22. The bolts fit the eyes of the yoke loosely and permit the wash-basins to be rotated as shown by dotted lines in Fig. 2, for the purpose of emptying the contents thereof.

In order to provide a means of locking the wash-basin or basins in a horizontal

plane when the operator is using the basin, I provide a locking mechanism which I will now describe.

A bracket 23 is secured to the outwardly projecting lugs 13 as shown in Fig. 3. An upwardly extending boss 24 is formed on or secured to the bracket to which an arm 25 is pivotally secured. The free ends of the arms are adapted to swing over and contact with the rim 26 of each basin. The lower portion of the bracket is provided with an upwardly extending portion 26′, which contracts with the under portion of the rim 26 so that when the arm 25 is swung over and in contact with the upper portion of the rim, the rim of the wash-basin is securely held between the contacting points 27 of the arm 25 and 28 of the portion 26′ of the bracket 23. The contacting points of the arm and upwardly extending portion of the bracket are preferably made of a yielding material such as rubber or the like.

In the operation of my combined fixture and wash-basins it will be apparent that the cavities of the basins can be filled with whatever substance it is desired to use and a different substance can be placed in each of the basins for use simultaneously and the contents of each basin used by the operator without leaving a fixed position. When it is desired to use one of the basins, it is only necessary to exert a slight pressure upon any one of the basins or supporting mechanism and each of the basins can be rotated to the position desired by the operator without changing his position. It will further be apparent that in case it is desired to empty the contents of any basin for any reason the arm 25 can be moved out of contact with the rim 26 and the basin swung vertically to the position shown in dotted lines on Fig. 2 and the basin can be emptied of the contents and the operator can then rotate the basins until another wash-basin is in the proper position to be used.

Having fully described my invention, what I claim and desire to secure by Letters Patent is:

1. In a fixture for wash-basins, a pedestal having its upper extremity screw-threaded, an annular ring secured thereto said ring having a ball-bearing race formed therein, a short section of pipe secured to the annular ring, a cap secured to the upper portion of said short section of pipe having a ball-bearing race formed therein, an annular support interposed between said cap and ring and adapted to revolve in a horizontal plane on balls fitted in said ball-bearing races, yoke members secured to said annular support, basins pivotally secured to said yokes and adapted to be rotated in a vertical plane.

2. In a fixture, a pedestal, a ring fitted thereto and provided with a ball race, a short section of pipe connected to said ring, a cap connected to said pipe, an annular support fitted to the short section of pipe and interposed between said cap and ring, means to mount one or more basins on said annular support.

3. In a lavatory fixture, a pedestal, an annular support mounted thereon to revolve in a horizontal plane, basins and means to pivotally secure said basins to said support to provide for swinging the basins in a vertical plane, brackets secured to said support, arms pivotally secured to said brackets and adapted to be swung in contact with the basins for locking purposes.

4. In a lavatory fixture, a pedestal, an annular ring secured to the pedestal, a section of pipe secured to the ring, a cap mounted on said section of pipe, said cap and ring being provided with ball bearing races, an annular support loosely fitted to the upper extremity of the pedestal and provided with lugs, yokes secured to said lugs, basins pivotally journaled in said yokes whereby the basins can be swung vertically to empty the contents thereof.

In testimony whereof I affix my signature in presence of two witnesses.

DONALD A. CARPENTER.

Witnesses:
THOS. M. MCNIECE,
A. V. NEUMANN.