(No Model.)

W. E. TRULL.

WASHBASIN.

No. 578,374. Patented Mar. 9, 1897.

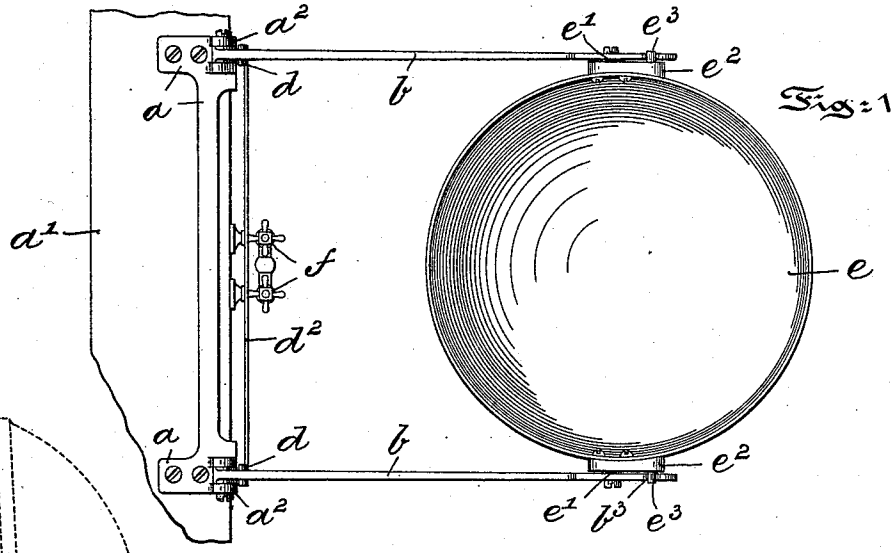
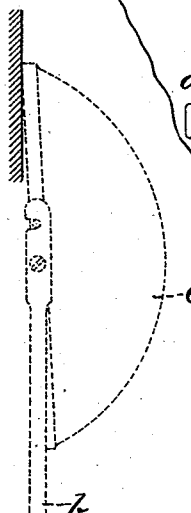


Fig. 1.



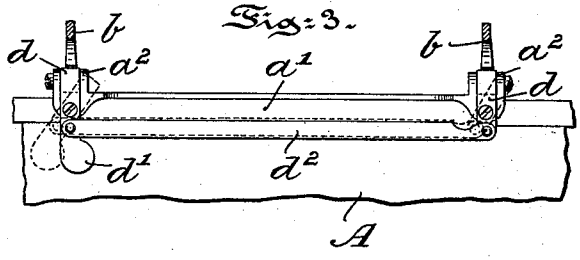


Fig. 3.

Fig. 2.

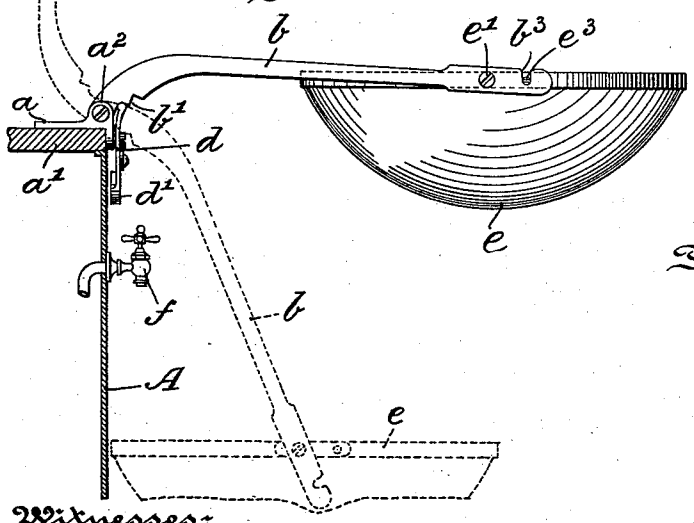
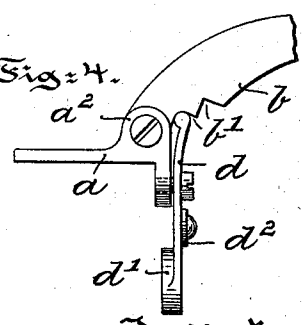


Fig. 4.



Witnesses:
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UNITED STATES PATENT OFFICE.

WILLIAM E. TRULL, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO ELISON M. COOPER, OF SAME PLACE.

WASHBASIN.

SPECIFICATION forming part of Letters Patent No. 578,374, dated March 9, 1897.

Application filed October 31, 1896. Serial No. 610,672. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. TRULL, a citizen of the United States, residing at the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Washbasins, of which the following is a specification.

My invention has relation to a washbasin adapted to be temporarily secured to a bath-tub, sink, or other suitable support and carried by a frame adapted to permit of the raising and lowering of the basin as well as tilting thereof; and in such connection it relates particularly to the general construction and arrangement of such a basin and frame for such purposes.

The nature and scope of my invention will be more fully understood from the following description, taken in connection with the accompanying drawings, forming part hereof, in which—

Figure 1 is a top or plan view of a basin and its frame supported above spigots or faucets of a bath-tub or the like embodying main features of my invention. Fig. 2 is a side-elevational view of Fig. 1, the various positions of the basin and frame being indicated by full and dotted lines. Fig. 3 is a front view of the frame, a portion of the arms and the basin being removed to more clearly illustrate the pawl-locking mechanism; and Fig. 4 is an enlarged side view illustrating in detail the pivoted arms and the pawl-locking mechanism thereof.

Referring to the drawings, a represents an angular bracket adapted to be fastened by screws or otherwise to the top of the framework a' of a bath-tub A or other receptacle for water, as illustrated in Figs. 1 and 2. This bracket a is provided at either end with upwardly-projecting ears or lugs a^2, forming bearings in which one end of each of the two arms b is pivoted. The arms b are toothed or ratcheted, as at b', on their under edge near the point of pivotal support in the bearings. In the bracket a, below the ratcheted edge b' of each arm b, is pivoted a pawl or latch d, one end of which is weighted, as at d'. This pawl or latch is normally adapted to swing by gravity into vertical position, so that its upper end will rest in one of the teeth b', to thereby support each arm b in horizontal or substantially horizontal position, as indicated in Fig. 4. The weighted ends of the pawls d are connected by a link d^2, which when shifted longitudinally will oscillate both pawls d until their upper ends are swung out of engagement with the arms b and thereby to permit the same to fall, as illustrated in the lower dotted position in Fig. 2.

At or near the free ends of the arms b is pivoted a basin e, the points e' of pivotal connection between the basin e and arms b being in a line between the transverse diameter of the basin and the bracket a, that is, the points e' are not diametrically opposite to each other, but are so arranged that a larger portion of the basin lies to the right of the points of pivotal support. A preferred way of thus pivoting the basin to the arms a is to secure on the outer periphery of the basin the blocks or cheeks e^2 and to pin or pivot these cheeks to the arms b. To prevent the basin from tilting when filled, or partially so, with water, the cheeks e^2 are each provided with a pin e^3, which is adapted to enter a recess b^3 in the arm b and to be seated therein, as illustrated in Figs. 1 and 2.

In operation, when the arms b and basin e are caused to assume a horizontal or substantially horizontal position, as indicated in full lines in Fig. 2, the catches swing by gravity and assume a vertical position. The engagement of the catches with the teeth b' of the arms will support said arms and basin in horizontal position. The basin being heavier on that side to the right of its pivotal support will remain in horizontal position whether filled with water or not. The horizontal position of the arms and basin is the position in which the basin will generally be used. When not in use, the arms and basin may be raised to assume a vertical or substantially vertical position, as indicated by the upper dotted position in Fig. 2. When the basin is to be filled from a faucet or faucets f of the bath-tub, sink, &c., the link d^2 is shifted to disengage the pawls from the arms, the arms then drop, and the basin falls, maintaining its horizontal position until it is immediately below the faucets f, as indicated by the lower

dotted position in Fig. 2. To discharge water from the basin, it is tilted by bearing down upon the lighter side thereof.

It will be manifestly obvious that as to minor details modifications may be made without departing from the spirit or scope of my invention, and hence I do not wish to be understood as limiting myself to the precise construction and arrangement of all the parts as illustrated and hereinbefore explained; but,

Having thus described the nature and objects of my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination, of a bracket, two pivotal arms connected therewith and the free ends of said arms pivoted to a basin provided with pins engaging recesses located in the free ends of said arms, locking-pawls adapted to engage notches of said arms to sustain the same and said basin in substantially horizontal position and a bar connecting said pawls and arranged so that when shifted said pawls are released from the notches of said arms to permit said arms and basin to fall in a substantially downward direction, substantially as described.

In testimony whereof I have hereunto set my signature in the presence of two subscribing witnesses.

WILLIAM E. TRULL.

Witnesses:
J. WALTER DOUGLASS,
THOMAS M. SMITH.