

(No Model.)

J. CLIFFORD.
FIXTURE FOR BATH TUBS.

No. 566,561.

Patented Aug. 25, 1896.

FIG. 1.

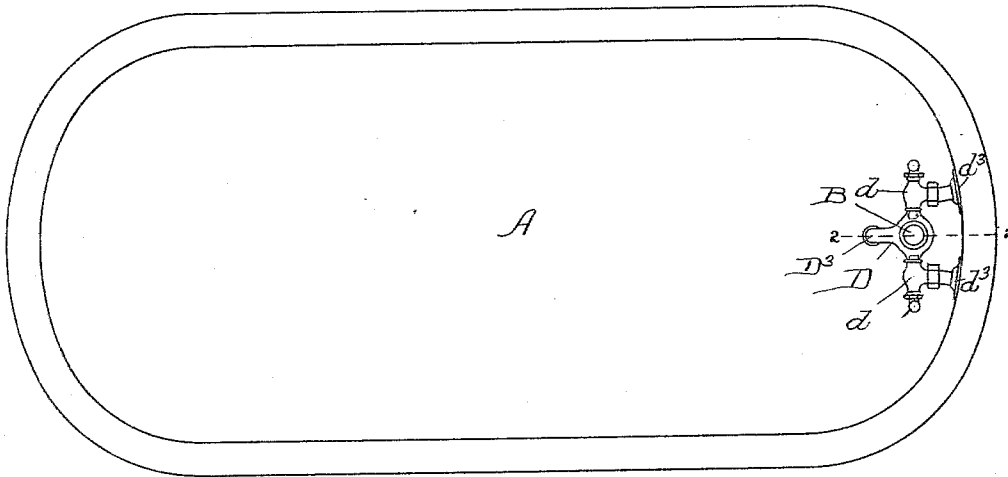


FIG. 3.

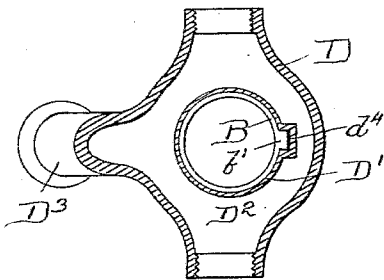


FIG. 2.

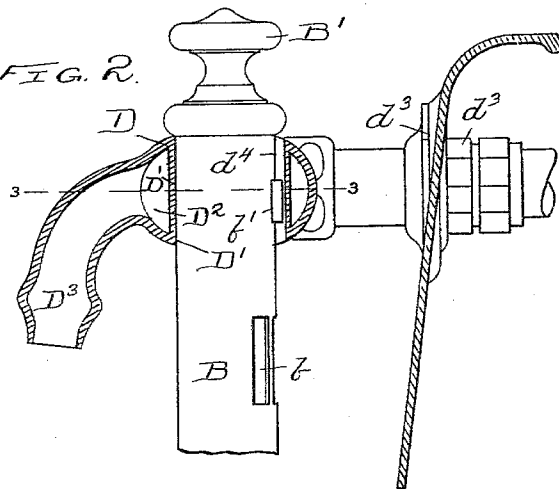
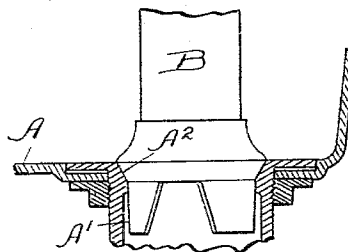
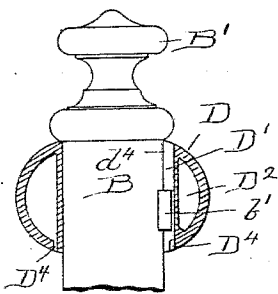


FIG. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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FIXTURE FOR BATH-TUBS.

SPECIFICATION forming part of Letters Patent No. 566,561, dated August 25, 1896.

Application filed January 21, 1895. Serial No. 535,580. (No model.)

To all whom it may concern:

Be it known that I, JOHN CLIFFORD, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Fixtures for Bath-Tubs, of which the following is a specification.

My invention relates to improvements in fixtures for bath-tubs, and more particularly to that class of fixtures which are located inside the tub.

My invention consists in the combination, with a bath-tub and an inside standing waste and overflow for the tub, of a combination faucet or discharge for the hot and cold water supply, supporting and forming the bearing for the inside sliding or movable standing waste and overflow, the waterway of the faucet or discharge fixture being divided and surrounding the opening in the faucet in and through which the standing waste and overflow fits and slides. By these means I secure a firm and rigid support and bearing for the standing waste and overflow inside the tub and save the expense and inconvenience incident to the use of separate devices for supporting the water-supply faucet or discharge and the standing waste and overflow inside the tub, and at the same time produce a fixture which as an entirety is much more compact, takes up less room in the tub or vessel, and is less in the way than those heretofore in use, while requiring no special recess or provision in the tub or vessel for the reception or mounting of any part of the fixture.

In the accompanying drawings, which form a part of this specification, I have shown, at Figure 1, a plan view of a bath-tub provided with a fixture embodying my invention. Fig. 2 is an enlarged detail vertical sectional view on line 2 2 of Fig. 1, the middle portion of the standing waste and overflow pipe being omitted to enable the remaining parts to be made on a larger scale. Fig. 3 is a horizontal section on the line 3 3 of Fig. 2. Fig. 4 is a partial vertical section showing a slight modification of some of the parts.

In the drawings like letters of reference are employed to indicate the same parts in the different figures.

In the drawings, A represents a bath-tub or

other vessel, A' the outlet, and A² the valve-seat, for the standing waste and overflow B. A single pipe B thus serves both as waste-plug and as the overflow.

D represents a double or combination faucet or discharge for the water supply, by or through which hot and cold water may be supplied to the tub or vessel A, the same having, as usual, two cocks or valves *d d* and two tailpieces *d' d'* secured to the faucet D in the usual manner by threaded nipples and to the wall of the bath-tub by suitable clamp-nuts *d² d²*. The faucet D is provided with a large central opening D', constituting the bearing to receive and support the standing waste and overflow pipe B. The bearing or opening D' in the faucet D is arranged directly over and axially in line with the valve-seat A² and corresponds in size or diameter to the waste or overflow pipe B. Surrounding the bearing or opening D' is the waterway D² of the faucet, communicating with or leading to the hot and cold water cocks *d d*, and terminating in a common discharge-nozzle D³, with which the faucet is preferably provided.

In the modification illustrated in Fig. 4 the nozzle or spout D³ of the water-supply faucet or discharge is omitted, and instead the water discharged through an annular discharge-opening D⁴ in whole or in part surrounding the standing waste or overflow pipe B.

The sliding or movable overflow-pipe B is provided with the usual overflow-openings *b* near its top, and a handle or knob B', and also with a lug *b'*, which fits in a corresponding vertical groove *d⁴*, formed in the faucet D at the bearing or opening D'.

I claim—

1. The combination with a bath-tub of an inside standing waste and overflow pipe B and a double or combination hot and cold water faucet D having two tailpieces *d' d'* extending laterally through and clamped to the upright wall of the tub, said faucet being provided with a large central opening D' extending vertically through the same and corresponding in size or diameter to said waste and overflow pipe B and constituting the bearing to receive and support said pipe, said faucet D having a discharge-spout D³ and a waterway surrounding the bearing for said

waste-pipe and communicating with said nozzle or spout D² and said tailpieces d' d', said pipe D extending in one piece from the valve or stopper at the lower end thereof to
5 the handle or knob at the upper end thereof, and adapted to be slipped bodily through said bearing D' in said faucet D, substantially as specified.

2. The combination with a bath-tub of an
10 inside standing waste and overflow pipe B and a double or combination hot and cold water faucet D, having two tailpieces d' d' extending laterally through and clamped to the upright wall of the tub, said faucet being
15 provided with a large central opening D' ex-

tending vertically through the same and corresponding in size or diameter to said waste and overflow pipe B and constituting the bearing to receive and support said pipe, said pipe D extending in one piece from the valve
20 or stopper at the lower end thereof to the handle or knob at the upper end thereof, and adapted to be slipped bodily through said bearing D' in said faucet D, substantially as specified.

JOHN CLIFFORD.

Witnesses:

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