

June 18, 1940.

I. J. D. FAIRHURST

2,204,929

SHOWER BATHTUB

Original Filed July 8, 1938

Fig. 1.

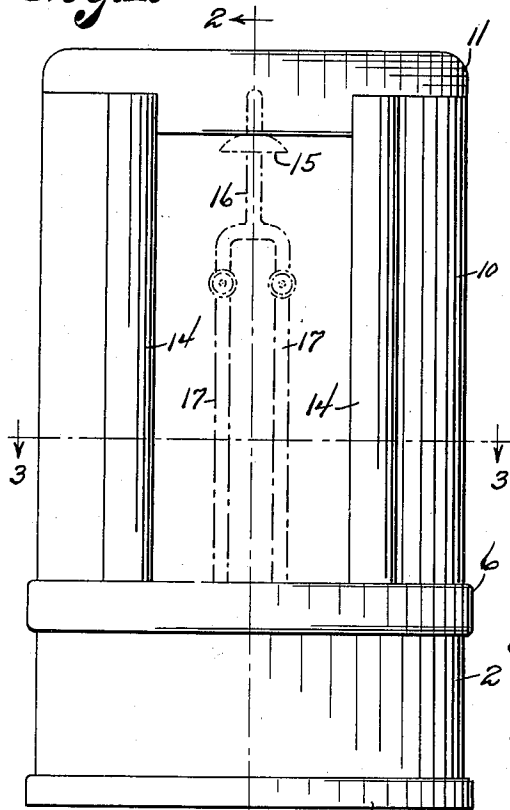


Fig. 2.

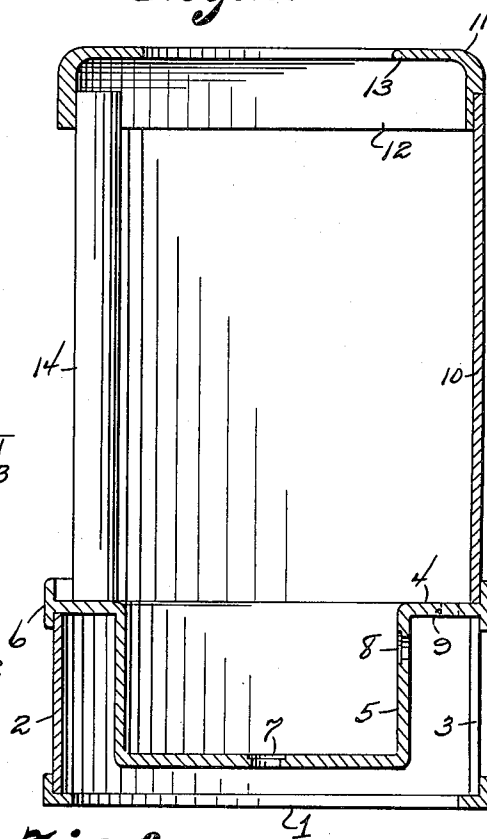


Fig. 4.

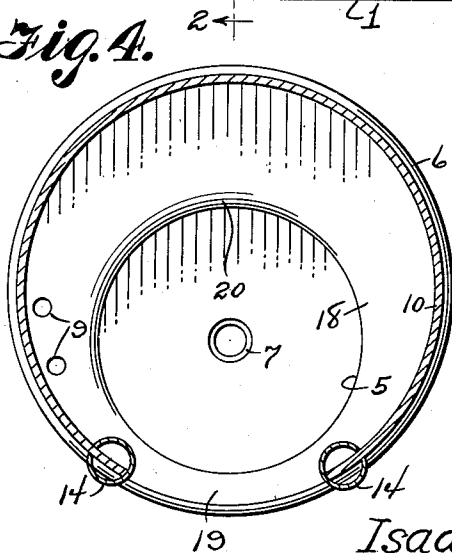
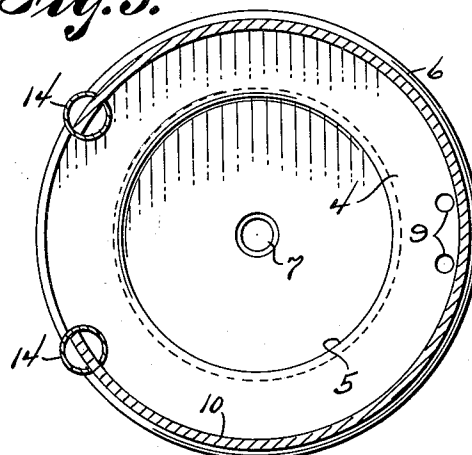


Fig. 3.



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WITNESS

UNITED STATES PATENT OFFICE

2,204,929

SHOWER BATHTUB

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Application July 8, 1938, Serial No. 218,187

Renewed December 11, 1939

3 Claims. (Cl. 4—146)

This invention relates to bathtubs, and its general object is to provide a bathing fixture which I term a shower bathtub, because of the fact it enables a person to take either or both a tub bath and a shower bath, with utmost convenience, in that it includes a receptacle or well portion, with seating means about the same, and an enclosure portion for the shower, above the receptacle portion to confine the water from the shower nozzle within the fixture.

A further object is to provide a shower bathtub that is preferably of general cylindrical formation, throughout its height, but can be of any shape, and may be made up of separable parts that can be readily assembled and held together in tub formation, without the use of fastening elements.

Another object is to provide a shower bathtub that is simple in construction, neat and ornamental in appearance, inexpensive to manufacture and extremely efficient in use and service.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawing and specifically pointed out in the appended claims.

In describing the invention in detail, reference will be had to the accompanying drawing wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a front view of the shower bathtub which forms the subject matter of the present invention.

Figure 2 is a sectional view taken approximately on line 2—2 of Figure 1, looking in the direction of the arrows.

Figure 3 is a sectional view taken approximately on line 3—3 of Figure 1, looking in the direction of the arrows.

Figure 4 is a similar sectional view taken through a slightly modified form.

While I have illustrated my shower bathtub as being of general cylindrical formation, I want it understood that it can be made in any shape suitable for the purpose.

The form as shown includes a base rim 1 of ring formation, that includes an upright annular flange for cooperation with the base portion thereof to provide a seat to fittingly receive the lower end of a cylindrical hollow body member or shell 2 which is slotted vertically throughout its height at the rear portion thereof as at 3 for the passage of drain pipes or the like.

Mounted on the upper end of the body member or shell 2, to rest thereon is the seat portion 4 of the receptacle member of my tub, which includes a cylindrical shaped well or receptacle portion 5 having the annular seat portion 4 extending horizontally from the upper edge thereof, and the seat portion has formed on and about its periphery, a rim or flange 6 that extends above and below the peripheral edge of the seat portion, as best shown in Figure 2, with the lower portion of the rim 6 engaging the body member for cooperation with the upright flange of the base rim for holding the body member and receptacle member in fixed relation with respect to each other.

The bottom wall of the well or receptacle portion 5 has centrally arranged therein in the form as shown, an outlet or drain opening 7, while the cylindrical wall adjacent the upper end thereof is provided with a like outlet or drain opening 8, it being obvious that both of the openings 7 and 8 are for the purpose of receiving drain pipes, and the seat portion 4 is provided with openings 9 for the passage of inlet pipes for faucets or the like.

Mounted on the seat portion 4 and rising therefrom, with its lower end portion engaging the rim 6, is a substantially cylindrical wall 10 that is open throughout its length at the front thereof to provide a door opening, for ingress and egress, as will be apparent. Mounted on the upper end of the substantially cylindrical wall 10 is the top member 11 of my tub and which is of ring formation, to include a depending skirt 12 that is recessed circumferentially about its outer surface to form a shoulder receiving the upper end portion of the cylindrical wall, to provide an overlapping joint between the latter and the top member, as best shown in Figure 2.

It will be obvious that the substantially cylindrical wall 10, the top member 11 and the overhanging ledge 13 of the latter provide an enclosure above the receptacle member, to not only confine the water from the shower nozzle within the fixture, but provide a certain amount of privacy, while taking a bath in my fixture or tub.

The door opening of the enclosure or cylindrical wall is provided with a frame in the form of tubular members 14, slit or slotted longitudinally throughout their length to receive the vertical edge portions of the opening, as best shown in Figure 4. The tubular members 14 are coextensive with the height of the cylindrical wall 10, and not only act as guard means to cover the

sharp edges of the door opening, but add materially to the appearance of my tub.

In Figure 1, I have illustrated in dotted lines a shower fixture which includes a nozzle 15, a mixing pipe 16, and hot and cold water pipes 17 extending into the mixing pipe, the pipes 17 being provided with valves as shown. While it is indicated in Figure 1, that the pipes 17 extend through the openings 9, and such is the fact, in the form shown, it will be obvious that the pipes may extend through the cylindrical wall portion or through any suitable portion of the tub or fixture. The well or receptacle portion 5 will of course be supplied with water from the nozzle 15, but I may provide a separate water supply therefor, and in that event pipes for faucets will extend through the openings 9 for supplying water to the receptacle portion, as will be apparent.

In the form of Figures 1 to 3 inclusive, it will be noted as best shown in Figure 3, that the receptacle member has the seat portion thereof, of equal width from its connection with the receptacle portion to the outer periphery of the seat portion, so that the receptacle portion is disposed centrally with respect to the shell 2, but in the modified form of Figure 4 the receptacle portion is eccentrically arranged with respect to the seat portion which for distinction is indicated by the reference numeral 18, so that the seat portion of the latter form is substantially crescent shape to provide a narrow portion 19 adjacent to the door opening, to allow ready ingress and egress, as will be apparent, while the wide portion 20 is arranged rearwardly of the tub or in the most logical position for convenience of the bather.

It is thought from the foregoing description that the advantages and novel features of the invention will be readily apparent.

It is to be understood that changes may be made in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claims.

What I claim is:

1. A shower bathtub comprising a base rim, a hollow cylindrical body member seated on the base rim and rising therefrom, a receptacle member including a well portion having drain pipe receiving openings therein, an annular seat portion formed on and extending horizontally from the upper edge of the well portion and mounted upon the upper edge of the body member for

supporting the well portion in depending relation within the body member, a substantially cylindrical wall mounted on and rising from the seat portion, a rim formed on the outer edge of the seat portion and extending above and below the same to engage the body member and the cylindrical wall to hold them and the receptacle member in assembled position, said cylindrical wall having a door opening extending vertically thereof throughout its height, an open top member mounted on the cylindrical wall and including a skirt recessed about its lower edge to form a shoulder receiving the upper end of the cylindrical wall and providing an overlapping joint, tubular members slit longitudinally throughout their length to receive the vertical edge portions of the door opening and mounted thereon, and said seat portion having pipe receiving openings therein.

2. A shower bathtub comprising a base rim, a hollow body member seated on the base rim, a receptacle member mounted on the upper end of the body member and including a depending well portion extending into the body member, said well portion having drain pipe receiving openings therein, an annular seat portion formed on and extending horizontally about the upper end of the well portion and being of equal width throughout its area, a shower spray enclosure mounted on and rising from the seat portion and having a door opening therein, and means formed on the marginal edge of the seat portion to engage the body and the enclosure to hold them and the receptacle member in assembled position.

3. A shower bathtub comprising a base rim, a hollow body member seated on the base rim, a receptacle member mounted on the upper end of the body member and including a well portion extending into the body member, said well portion having drain pipe receiving openings therein, a seat portion formed on and extending horizontally about the upper end of the well portion, a shower spray enclosure mounted on and rising from the seat portion and having a door opening therein, said well portion depending from the seat portion in eccentric relation thereto so that the seat portion is narrow on one side and wide on the other, with the narrow portion disposed adjacent the door opening while the wide portion is disposed rearwardly of the tub, and said seat portion gradually decreasing in width from the narrow to the wide portion.

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