

Sept. 6, 1949.

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2,481,397

SHOWER CURTAIN FOR BATHTUBS

Filed Aug. 15, 1947

2 Sheets-Sheet 1

FIG. 1

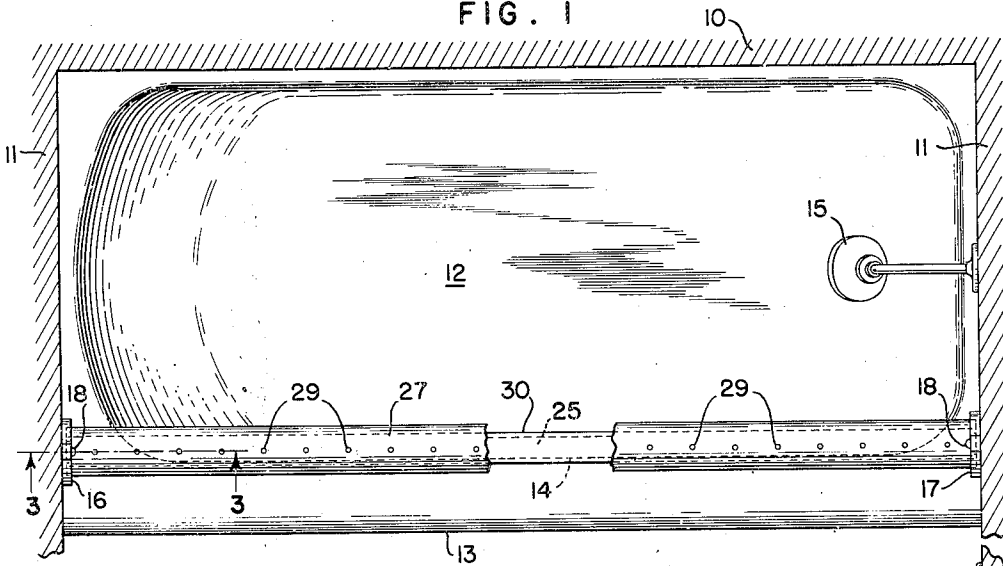
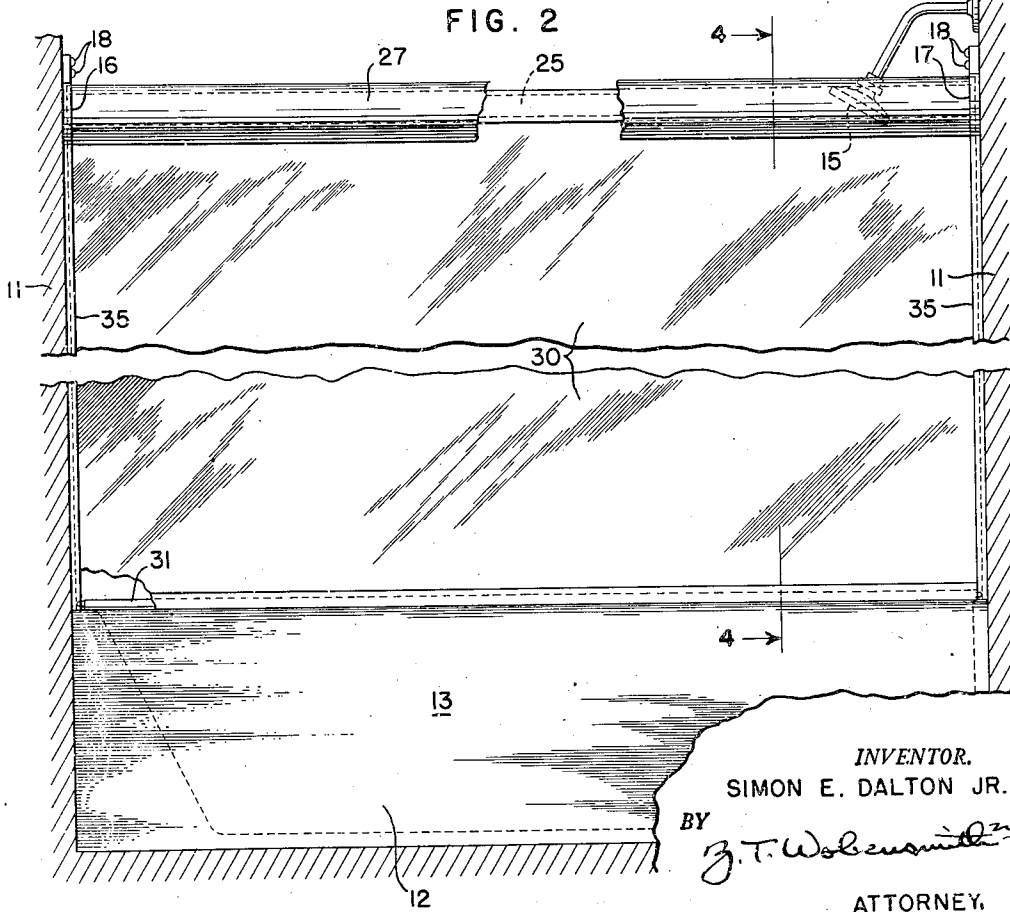


FIG. 2



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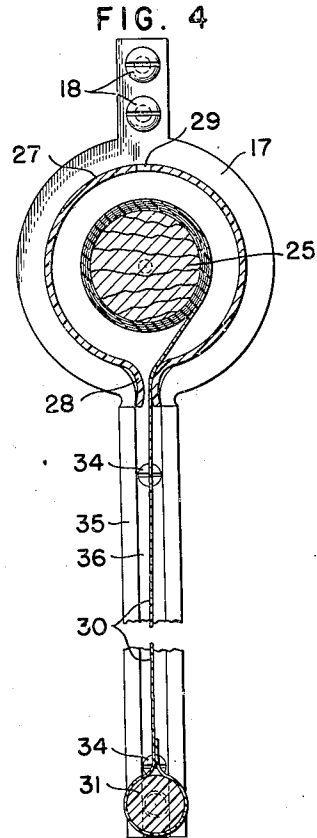
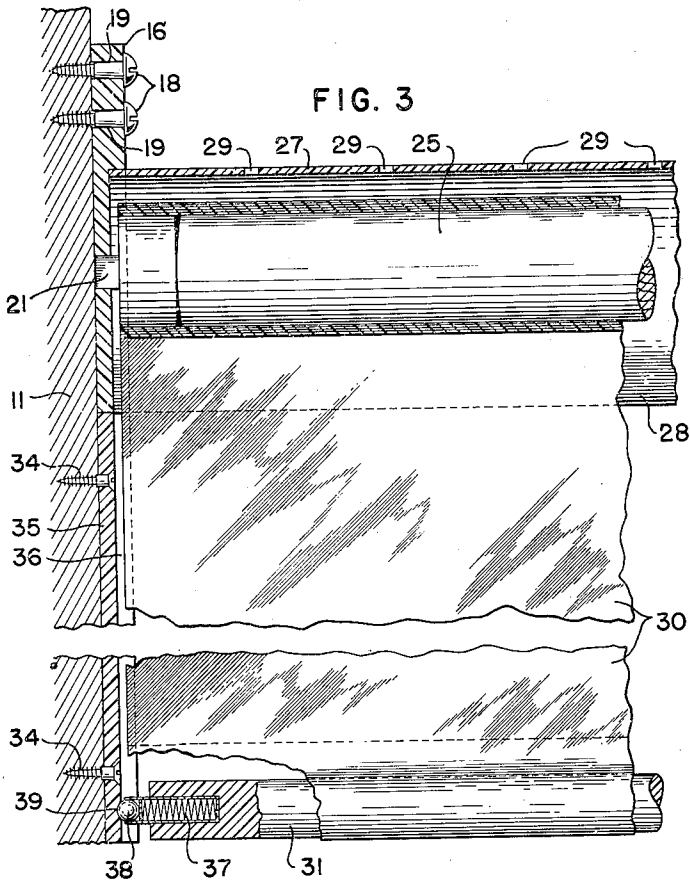


FIG. 5

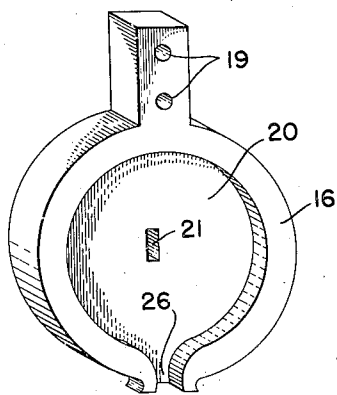
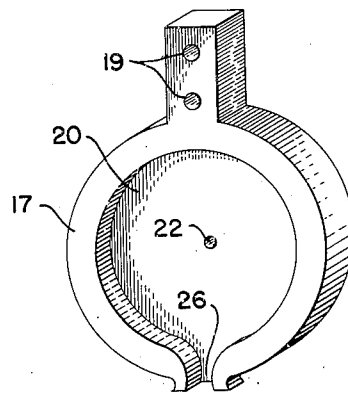


FIG. 6



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SHOWER CURTAIN FOR BATHTUBS

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1 Claim. (Cl. 4—149)

1

My invention relates to shower curtains for bathtubs. Various arrangements have heretofore been proposed for use with bathtubs to prevent the discharge of water on the floor at the front side of the bathtub, but none of these has proven wholly satisfactory.

In accordance with the present invention a shower curtain is provided which may be employed with bathtubs now in use as well as on new installations, and which will effectively prevent the undesired discharge of water on the floor outside the bathtub.

In accordance with the present invention, also, a shower curtain is provided which will be attractive in appearance when installed and which will be free from likelihood of damage by water.

In accordance with the present invention, also, a shower curtain is provided for use with bathtubs which may be readily raised and lowered as desired by the user and, which when in elevated position, will not interfere with the normal use of the bathtub.

In accordance with the present invention, also, a shower curtain assembly is provided which is simple in its construction and may be readily installed for immediate use.

Other objects and advantageous features of the invention will be apparent from the specification and claim.

The nature and characteristic features of the invention will be more readily understood from the following description, taken in connection with the accompanying drawings forming part hereof, in which:

Figure 1 is a horizontal sectional view through a bathtub compartment having a shower curtain in accordance with the present invention, part being broken away to show the details of construction;

Fig. 2 is a vertical sectional view through the compartment shown in Fig. 1;

Fig. 3 is an enlarged fragmentary vertical sectional view taken approximately on the line 3—3 of Fig. 1;

Fig. 4 is an enlarged fragmentary vertical sectional view taken approximately on the line 4—4 of Fig. 2;

Fig. 5 is a view in perspective of one form of bracket employed in connection with the present invention; and

Fig. 6 is a view in perspective of another form of bracket employed in connection with the present invention.

It should, of course, be understood that the description and drawings herein are illustrative

2

merely, and that various modifications and changes may be made in the structure disclosed without departing from the spirit of the invention.

Referring now more particularly to the drawings a compartment is illustrated which includes a vertical rear wall 10 and spaced parallel vertical end walls 11 within which a bathtub 12 is installed.

The bathtub 12 has an exposed front wall or face 13 and an inner front wall 14. One of the end walls 11 is provided with a shower spray head 15.

Each of the end walls 11 preferably has mounted thereon, and at approximately the same elevation as the shower head 15, one of a pair of brackets 16 and 17 shown in detail in Figs. 5 and 6. The brackets 16 and 17 are preferably held in position on the end walls 11 by suitable screws 18 which extend through openings 19 in the brackets 16 and 17 and into the end walls 11. Each of the brackets 16 and 17 preferably has a circular opening 20 therein. The bracket 16 is provided with a central hole 21, of rectangular shape, and the other bracket 17 is provided with a central hole 22, round in shape, for the reception of a spring and ratchet controlled curtain rod 25 as hereinafter more fully explained.

Each of the brackets 16 and 17 at the lower portion thereof is provided with a flaring slot 26 connecting with the circular opening 20. A roller cover case 27 is provided, preferably formed of moistureproof sheet material such as synthetic plastic. The case 27 is of substantially circular shape in vertical cross section to fit within the openings 20 in the brackets 16 and 17 with lower leg portions 28 which extend down through the slots 26. The cover 27 is thus held in clamped position by the brackets 16 and 17. The cover 27 is preferably provided, along the upper portion thereof, with a plurality of vent openings 29 for permitting the escape of moisture carried into the cover 27.

The curtain rod 25 and its parts may be of any desired material, but are preferably made of materials which are moistureproof or moisture resistant to prevent rusting or corrosion thereof, and for this purpose synthetic plastic may be employed. The curtain rod 25 has a curtain 30 of moistureproof material secured thereto and rolled thereupon and the lower or free end of the curtain 30 has a rod 31 secured thereto for actuation of the curtain 30. The rod 31 is preferably of a size so as to be stopped by the leg portions 28 of the cover 27.

3

Extending downwardly from the brackets 16 and 17 and secured to the end walls 11 by screws 34 a pair of guide strips 35 is provided having vertical slots 36 within which the side edges of the curtain 30 are adapted to be guided in their upward and downward movement, and when the curtain 30 is in the extended position. In order to aid in guiding the rod 31 and in maintaining the rod 31 in its lowermost position, tubes 37 may be provided in the ends of the rod 31 of a size to slide in the slots 36 in the guide strips 35.

The tubes 37 are provided with spring pressed balls 38 for engagement in depressions 39 at the lower ends of the slots 36.

The brackets 16 and 17 and the guide strips 35 are preferably mounted on the end walls 11 so that the curtain 30 is disposed, when lowered, in a vertical plane inwardly offset with respect to the inner wall 14 of the bathtub 12 to discharge any water impinging on the curtain within the tub.

It will be noted that in addition to the self-draining character of the shower curtain and its mounting that the structure is such that the same may be readily kept in sanitary condition.

I claim:

In combination with a bath compartment having a bathtub with an inner front wall and a spray nozzle above said tub, shower curtain means comprising brackets mounted on opposed walls of the compartment at approximately the level of said spray nozzle, a horizontally disposed spring and ratchet curtain roller carried by said brackets, a flexible plastic curtain mounted on said roller

4

and having a free end for actuation, each of said brackets having a recess therein, a cover for said roller having the ends disposed in said recesses, said brackets having slots at the lower portion thereof and said cover having legs extending downwardly within said slots and said legs limiting the upward movement of the free end of said flexible curtain, guide strips extending downwardly along the opposed walls of the compartment to said tub for guiding the edges of said flexible curtain, said brackets and said guide strips being rearwardly disposed with respect to the inner front wall of said tub, a member substantially co-extensive in length with the curtain roller carried by the free end of the said curtain for engagement with said guide strips, locking means at the opposite ends of said member and said member adapted to be grasped by the user to raise and lower said curtain.

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