March 30, 1948. A. T. HESSE 2,438,665

BATHROOM EQUIPMENT

Filed May 15, 1946 4 Sheets-Sheet 1

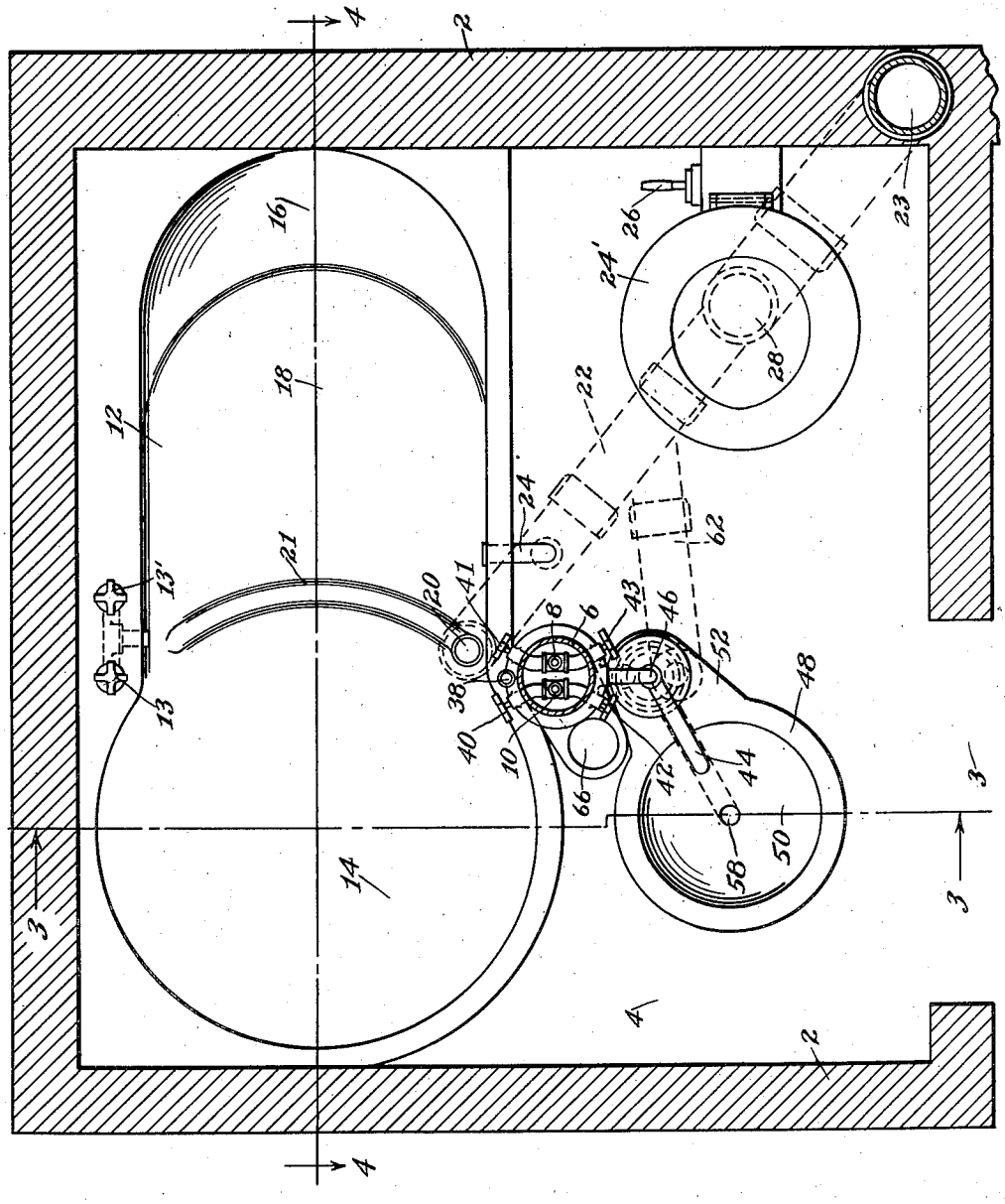


Fig. 1

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BATHROOM EQUIPMENT

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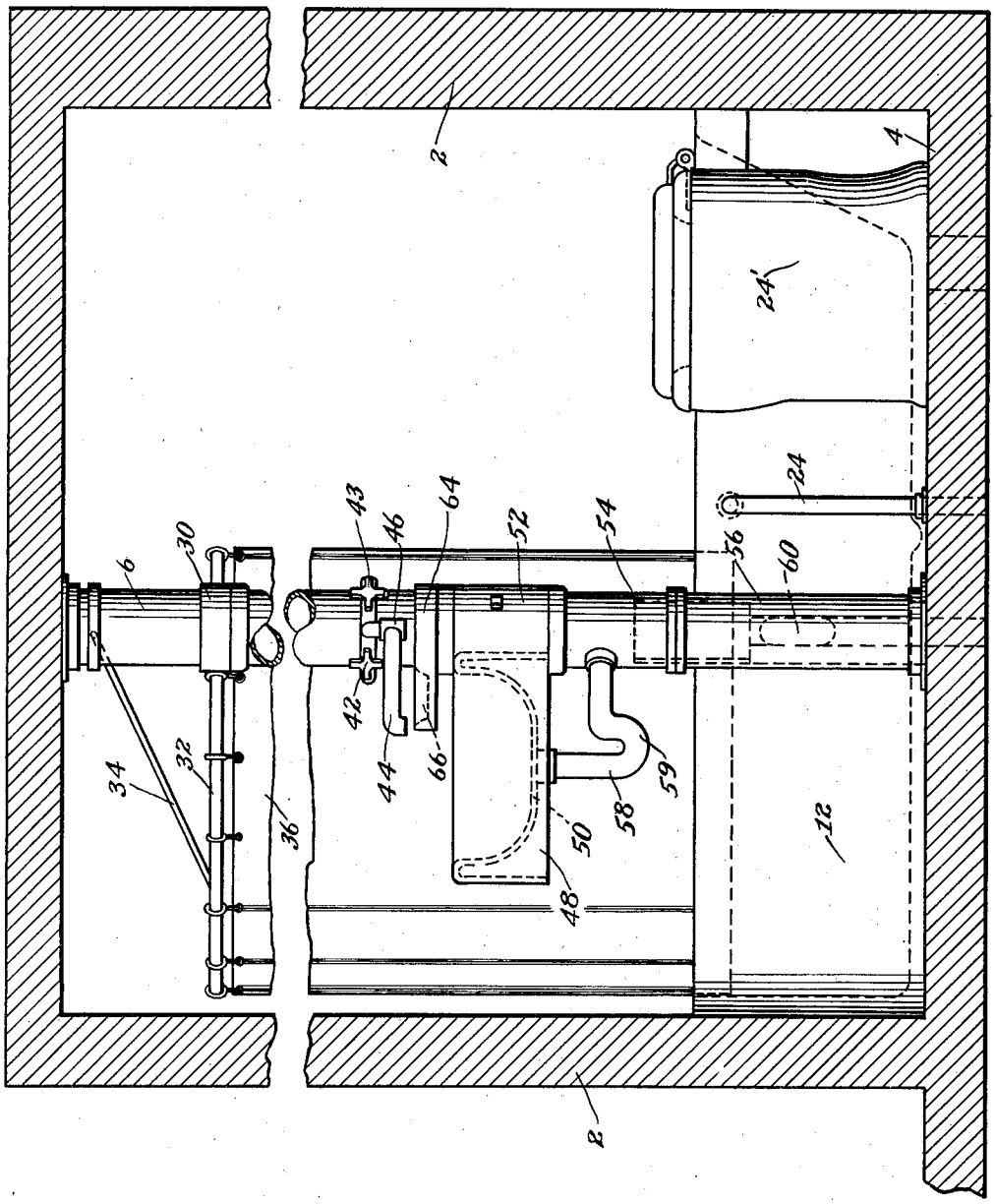


Fig. 2

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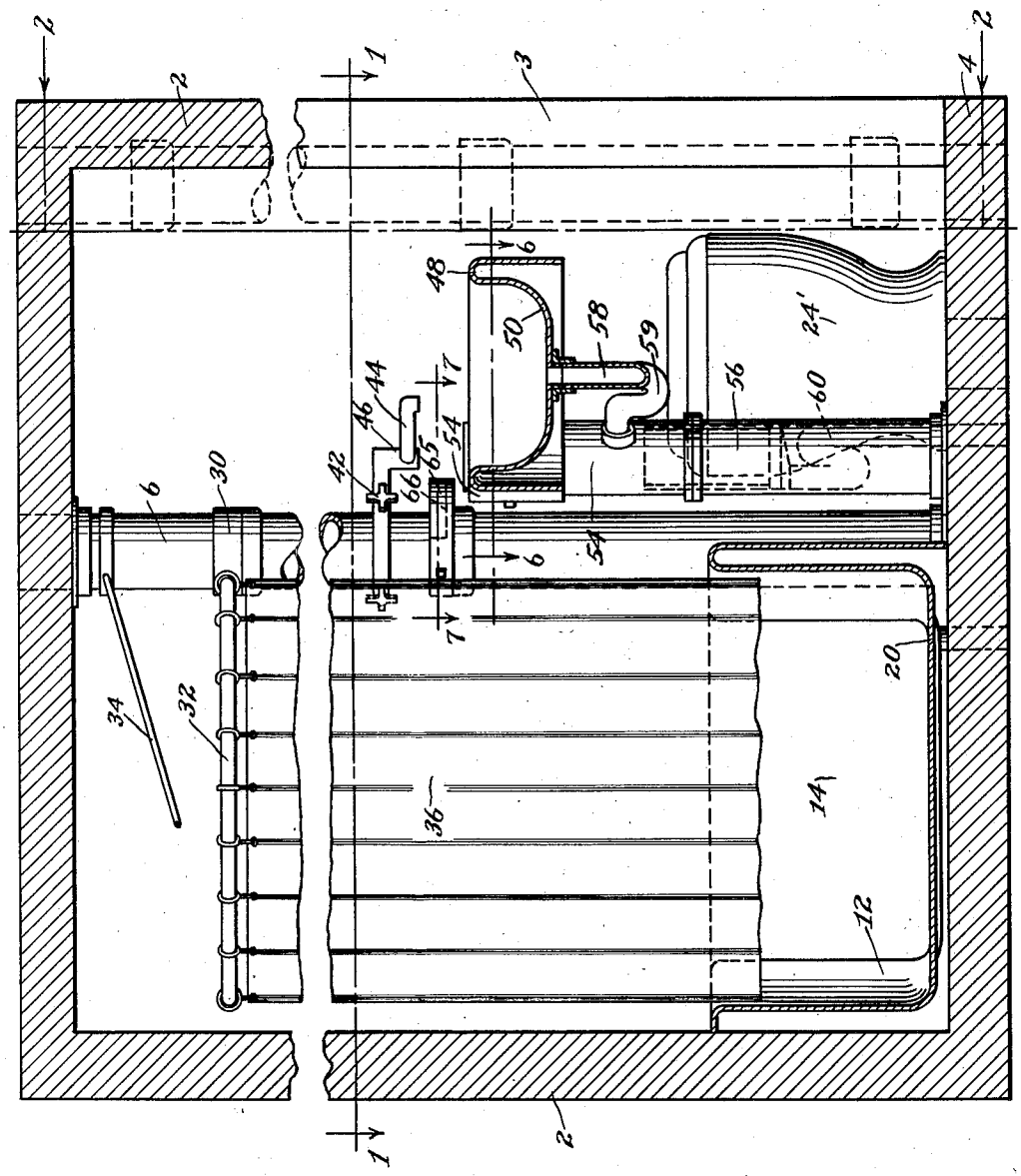


Fig. 3

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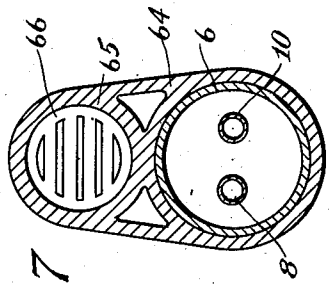


Fig. 7

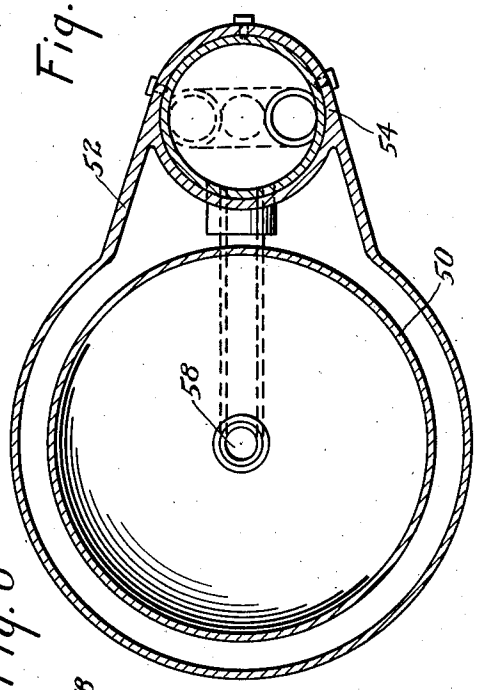


Fig. 6

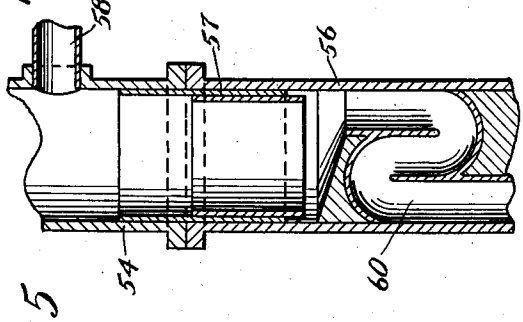


Fig. 5

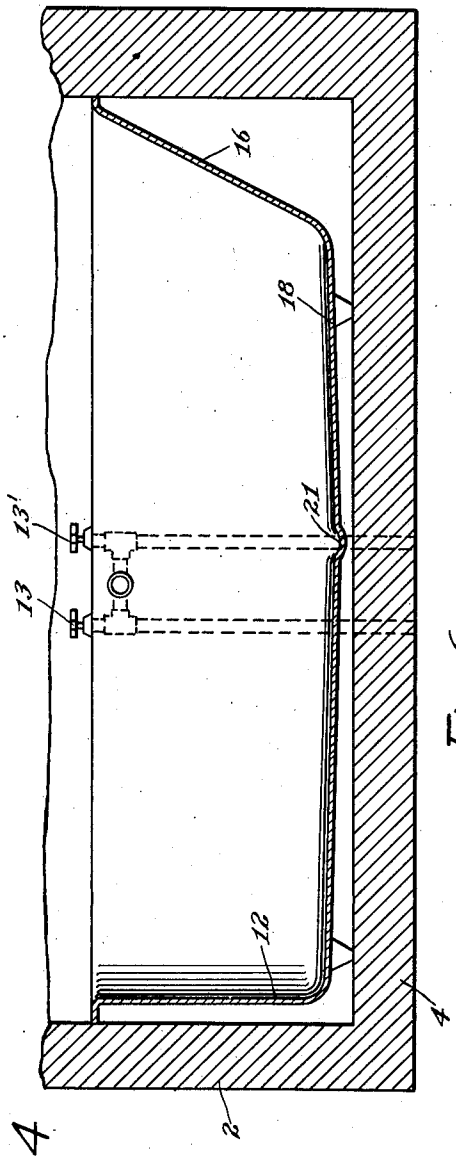


Fig. 4

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Patented Mar. 30, 1948 2,438,665

UNITED STATES PATENT OFFICE

2,438,665

BATHROOM EQUIPMENT

Arthur T. Hesse, Long Beach, Calif.

Application May 15, 1946, Serial No. 669,735

6 Claims. (Cl. 4—2)

1

My present invention relates to an improvement in bathroom equipment and more especially to the novel and unique combination and arrangement of the conventional bathroom utilities so as to require a minimum of space and provide a maximum of ease of installation and utility.

In the accompanying drawings I have illustrated one complete example of the physical embodiment of my invention according to the best mode I have thus far devised but it will be understood that various changes and alterations may be made in the exemplified structure within the scope of the appended claims.

In the drawings:

Figure 1 is a top plan view of a bathroom showing the conventional utilities placed and arranged according to my invention.

Figure 2 is a front elevation view thereof.

Figure 3 is a side elevational view of the same.

Figure 4 is a longitudinal vertical sectional view of the tub at line 4—4 of Figure 1.

Figure 5 is a vertical sectional view of the post supporting the wash bowl.

Figure 6 is a horizontal sectional view of the bowl taken at line 6—6 of Figure 3.

Figure 7 is a top plan view of the soap dish and support mounted on the central stanchion.

Referring now to the drawings in detail I have illustrated the equipment so arranged according to my invention in the bathroom having walls 2 with entrance 3, and the floor 4.

Approximately central of the floor I have provided a vertical post or stanchion 6 suitably secured to the floor and ceiling of the room and the hot and cold water pipes 8 and 10 are located within the stanchion for maximum accessibility for the tub and shower, and the wash basin.

The tub 12 is suitably secured to the walls in one corner thereof and is formed with an enlarged shower circle 14 at one end and an inclined rest 16 at the other end with the seat portion 18 intermediate thereof. A drain 20 in a lateral trough 21 connects with the waste pipe 22 which in turn is connected with the vertical sewage pipe and vent 23. Faucets 13 and 13' control the tub water supply.

An overflow pipe 24 has its entrance inside the tub and near the top thereof and connects also with the waste pipe or outlet 22.

A conventional water closet 24' having a valve 26 is located in one corner of the room, as shown, and diagonally opposite the shower portion of the tub and this closet has its waste pipe connected with the main waste outlet 22 as at 28.

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On the upper portion of the central stanchion 6 I have fashioned a collar 30 upon which is suitably mounted a shower curtain ring 32 and a support therefor is illustrated as at 34. The shower curtain 36 is supported in the usual manner from the shower ring and the pipe 38 carries the mixed hot and cold water to the shower head, not shown. Valves 40 and 41 are provided to control the mixture of the water therein.

Valves 42 and 43 are provided for the faucet 44 for the basin and this faucet is swiveled as at 46 upon the stanchion for rotary movement relative thereto. A wash basin 48 having a bowl 50 and a rear extension 52 is mounted on a post section 54 and this section is carried by the post 56 suitably attached to the floor and in close relation to the stanchion. An interior sleeve 57 is provided to seal the juncture of the post sections and to form a journal for the upper section, and the drain 58 having a goose-neck 59 connects with the interior of the upper post section. The waste water from the wash bowl passes through a trap 60 in the lower post section before reaching the sewage connection 62.

On the stanchion 6 above the basin level I have provided a collar 64 having a cup 65 into which is placed a soap dish 66.

From the above description it should be apparent that the conventionally employed utilities of the bathroom are so located and affixed that a minimum of space is required in the bathroom. I have provided a complete shower and tub, together with the water closet, and by rotatably mounting the wash basin and bowl in the approximate center of the room the usual wall area required for the wash bowl is eliminated. It should be clear that the wash basin may be swung on its post to various positions to provide for its use, or to permit access to the tub or the water closet.

A single waste outlet is connected to the three utilities and the single pair of hot and cold water pipes are all that is necessary. By the location of the utilities within the small area ample room is available for the use of each, and yet the overall area of the bathroom is considerably lessened.

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

1. A bath tub and shower including a circular shower portion at one end of the tub and an arcuate trough completing the shower circle and communicating with a drain in the trough.

2. In bathroom equipment, the combination, which comprises, a centrally disposed tubular stanchion having a plurality of water supply pipes

therein, a tubular post spaced from the stanchion having a drain pipe therein, an upper section rotatably mounted on said post, a wash basin carried by the said upper section of the post, a drain from the wash basin extending through the said upper section of the post and connected to the drain pipe of the post through a swivel joint, and faucets having swivel joints therein carried by the stanchion, connected to the water supply pipes therein, and extending over the wash basin.

3. In bath room equipment, the combination, which comprises, a centrally disposed tubular stanchion having a plurality of water supply pipes therein, a bath tub having an enlarged shower section in one end positioned beside the stanchion, said bath tube having a trough communicating with a drain positioned between the shower section and remainder of the tub, faucets carried by the stanchion for supplying water to a shower head, shower curtain carrying arms extending from the stanchion, a tubular post having a swivel head spaced from the stanchion, a wash basin carried by the swivel head of the post, and faucets carried by the stanchion for supplying water to the wash basin through a swivel connection.

4. In bathroom equipment, the combination, which comprises, a centrally disposed tubular stanchion having a plurality of water supply pipes therein, a bath tub having an enlarged shower section in one end positioned beside the stanchion, faucets carried by the stanchion for supplying water to a shower head, shower curtain carrying arms extending from the stanchion and mounted thereon, a tubular post spaced from the stanchion having a drain pipe therein, a tubular upper section rotatably mounted on said post, a wash basin carried by said tubular upper section of the post, a drain from the wash basin extending through the upper section of the post and connected to the drain pipe of the post through a swivel connection, and faucets carried by the stanchion communicating with a common spout having a swivel joint therein with the spout adapted to follow the wash basin for supplying water thereto and with the swivel joint of the spout aligned with the center of the post.

5. In bath room equipment, the combination, which comprises, a centrally disposed tubular stanchion having a plurality of water supply pipes therein, a bath tub having an enlarged shower section in one end positioned beside the stanchion, a trough dividing the shower section from the remainder of the tub communicating with a drain, faucets carried by the stanchion for supplying water to a shower head, shower curtain carrying arms carried by the stanchion, a soap dish carried by the stanchion, a tubular post spaced from the stanchion, a drain connection in said post, a tubular upper section rotatably mounted on said post, a wash basin carried by the tubular upper section of the post, a drain from the wash basin extending through the upper section of the post and connected to the drain connection in the post through a swivel joint, faucets carried by the stanchion communicating with a common spout having a swivel joint therein for supplying water to the wash basin, a commode, and a common drain to which the drain connections of the tub, basin and commode are connected.

6. In bath room equipment, a centrally disposed tubular stanchion having hot and cold water supply pipes therein, a bath tub having an enlarged shower section at one end positioned beside the stanchion, said bath tub having an arcuate trough in the lower surface separating the shower section from the remainder of the tub and communicating with a drain, faucets on the hot and cold water supply pipes in the stanchion with handles extending through the wall thereof for controlling water to a shower head, arcuate shower curtain carrying arms extending from the upper part of the stanchion and positioned to support a curtain around the shower section of the bath tub, and independent hot and cold water supply faucets in one side of the bath tub.

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