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BRACKET FOR VALVE FIXTURES

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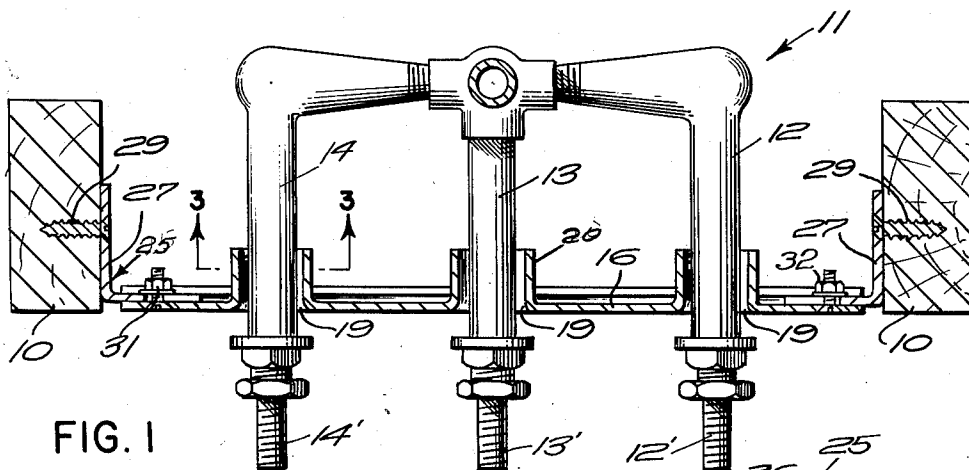


FIG. 1

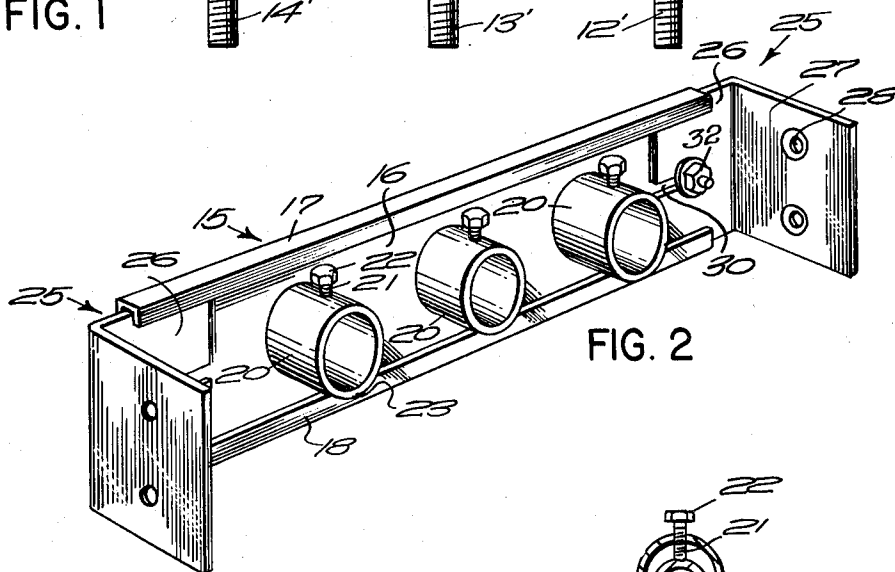


FIG. 2

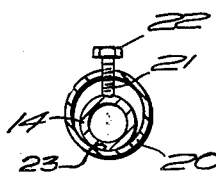


FIG. 3

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BRACKET FOR VALVE FIXTURES

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1 Claim. (Cl. 4—191)

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This invention relates to a bracket for a valve fixture such as may be used for a combination bathtub and shower in which there are usually three tubular parts to be supported in the wall.

Heretofore, fixtures of the character here referred to have been supported by some sort of a piece of wood, sometimes bored, to receive the three tubular parts of the fixture. This is a hand operation done on the job and measurement is required for spacing the holes to be bored accurately.

One of the objects of this invention is to provide a bracket which is equipped with means for centering the parts of the valve fixture which pass through the bracket and for clamping these parts securely in such centered position.

Another object of the invention is to provide a bracket which has supports which are easily adjustable for accommodation between studs or uprights of various sizes.

With these and other objects in view, the invention consists of certain novel features of construction, as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings:

Figure 1 is a sectional view through the bracket showing the valve fixture as secured in place therein;

Figure 2 is a perspective view of the bracket alone; and

Figure 3 is a sectional view on substantially line 3—3 of Figure 1 illustrating the means of holding the parts of the valve fixture in position.

In proceeding with this invention, I have provided a body member with a plurality of openings in this body member from each of which a collar extends, these collars being cylindrical and with their axes parallel. Adjustably secured to each end of the body member there are supporting or wing members which may be guided in the body member but which may be held in various positions of adjustment with reference to the body member. These wings have portions extending at right angles to the body member to be secured to the insides or sides nearest each other of upright studs of a building adjacent the point of mounting of the valve for the combination shower and tub fixture.

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With reference to the drawings, 10 designates a pair of studs which are upright in a building into which the valve fixture 11 is to be installed. This valve fixture comprises three tubular parts 12, 13 and 14 which are connected together and are so arranged that the hot water may be turned on by the manipulation through the tube 12, the cold water by manipulation through the tube 14, while manipulation through the tube 13 directs the water either into the tub or to the shower over the tub depending upon the manipulation of this part. Handles are usually provided on the studs 12', 13' and 14' for this purpose.

The bracket which I have provided is designated generally 15 and consists of a body part 16 with its opposite edges rolled back upon itself as at 17 and 18. A plurality of openings 19 are provided in this body 16 and from each of these openings a cylindrical collar 20 extends on the same side of the member 16. Each cylindrical collar is equipped with a screw 21 having a head 22, the screws being arranged in the top of each collar to thread through the collar, as shown in Figure 3, so as to engage one of the tubular parts of the valve 11 and force it into the arcuate portion 23 of the collar which serves to center the valve fixture with reference to the bracket, bringing the parts into their relative position, as shown in Figure 1.

This body member 16 is provided with wing members designated generally 25, each consisting of a part 26 which is slidably received in the in-turned guides 17 and 18 and a securing part 27 provided with openings 28 for receiving screws 29 to hold these wings to the studs 10 at the height desired. The bracket will be placed in the desired position prior to the securing of the valve fixture in the bracket. In order to adjustably secure the parts 26 to the body member 16, slots 30 are provided in the members 26 and bolts 31 extend through these slots and through openings in the body member with nuts 32 on the back so as to hold the wing members 25 in adjusted position relative to the body member for spanning the distance between the upright studs 10.

By this arrangement a very simple bracket is provided for supporting the valve fixture and one which may be easily and quickly installed wherever bath and shower installations are to be provided.

I claim:

A bracket for a valve fixture having a plurality of equally spaced tubular parts extending parallel to each other in a straight line, comprising an elongated body having a guide groove at each

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longitudinal edge thereof opening towards each other, said body having a plurality of circular openings through which said tubular members are adapted to project, said openings extending in a straight line substantially midway between the longitudinal edges of said body and spaced from each other a distance substantially equal to the spacing of said tubular members and each being of a size much larger than said tubular members crosswise thereof and surrounded by a collar having a threaded member extending through the wall thereof for engaging and clamping the tubular member projecting therethrough against the wall of said collar, and an L-shape wing part at each end portion of said body having one leg thereof slidably received in said guide grooves and each provided with an open ended slot, a bolt in said body in said slot independently adjustably securing said wing part to said body.

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the other leg thereof having openings there-through for receiving fastening means for securing said bracket in place.

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