Oct. 13, 1953 C. DE SCRANAGE 2,654,893

SHOWER HEAD CURTAIN SUSPENSION ADAPTER

Filed July 5, 1951

Fig. 1.

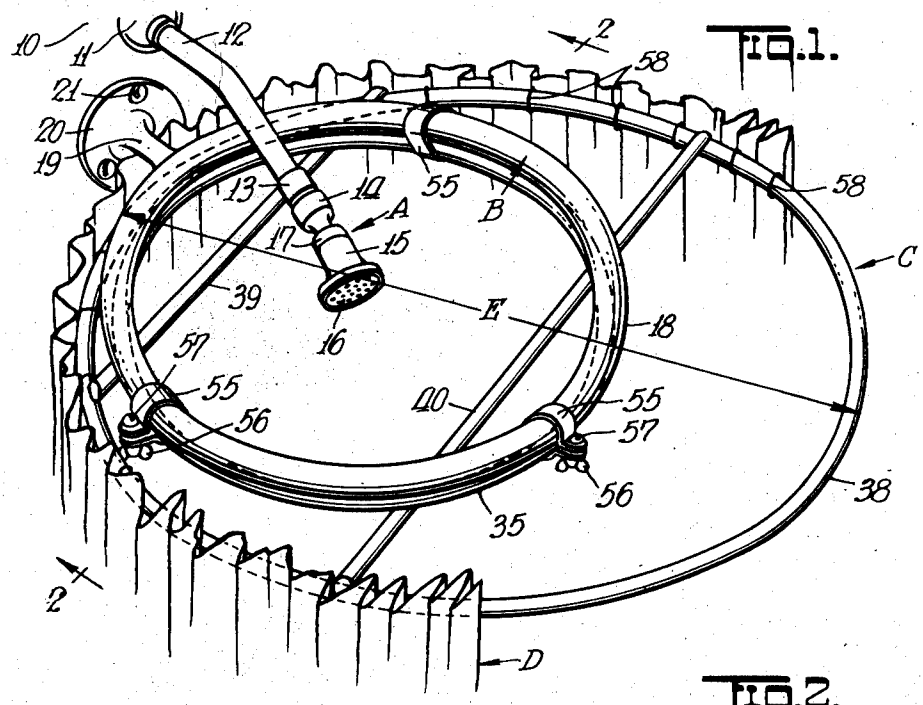


Fig. 2.

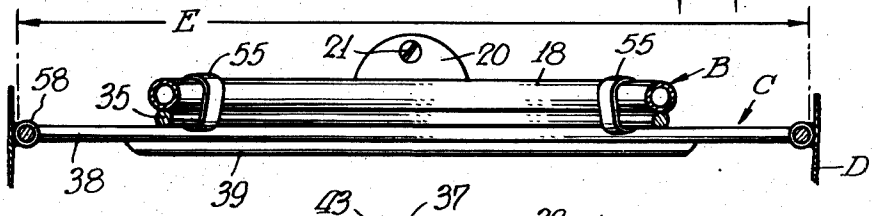
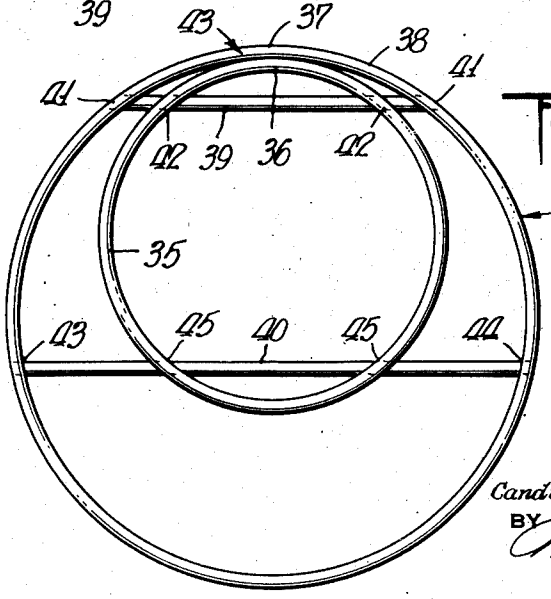


Fig. 3.



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SHOWER HEAD CURTAIN SUSPENSION ADAPTER

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4 Claims. (Cl. 4—154)

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The present invention relates to a shower head curtain suspension adapter and it particularly relates to a device or adapter permitting enlargement and extension of the shower curtain support ring normally associated with shower heads.

It is among the objects of the present invention to provide an inexpensive, readily applied, durable and low-cost shower curtain suspension ring adapter which may be readily applied to curtain suspension rods or rings now concurrently in use.

A further object is to provide a device or adapter for application to present type installations which will enable the shower curtain to enclose a much wider or larger circumference and permit a larger space for the person who is using the shower.

Still further objects and advantages will appear in the more detailed description set forth below, it being understood, however, that this more detailed description is given by way of illustration and explanation only and not by way of limitation, since various changes therein may be made by those skilled in the art without departing from the scope and spirit of the present invention.

According to the preferred form of the present invention, an adapter device is provided consisting a circular or elliptical ring or rod having a smaller, central, eccentric ring or rod which will match and be readily adaptable to the present or standard type of shower curtain supporter.

In the preferred form, the adapter may be of relatively light-weight metal or even plastic, or less preferably steel, and it desirably is formed of two tangential, eccentric rings, the smaller ring conforming to the present shower curtain supporting ring and the larger ring forming the extended support which is to be provided for the shower curtain to provide more room for the person taking the shower.

Desirably a number of radial or transverse braces are provided, connecting the two rings, and the inner or smaller ring is provided with clamps or clips to enable ready connection or mounting thereof to the standard installation.

The installation may be readily made by the householder and assurance is had that a permanent support will be provided which will give much more room to the user of the shower.

With the foregoing and other objects in view, the invention consists of the novel construction, combination and arrangement of parts as hereinafter more specifically described, and illustrated in the accompanying drawings, wherein is shown

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an embodiment of the invention, but it is to be understood that changes, variations and modifications can be resorted to which fall within the scope of the claims hereunto appended.

In the drawings wherein like reference characters denote corresponding parts throughout the several views:

Fig. 1 is a top perspective view showing the adapter and enlargement ring of the present invention on a standard type ring.

Fig. 2 is a transverse vertical sectional view upon the line 2—2 of Fig. 1.

Fig. 3 is a top plan view of the adapter removed from attachment to the standard installation.

Referring to Figs. 1, 2 and 3, there is shown a typical shower head A, a standard shower curtain support ring B and an enlargement head adapter C supporting the ring B.

As indicated in Fig. 1, the wall 10 will normally support a fixture 11 carrying the outwardly extending pipe 12. The pipe 12 terminates in a fitting 13 which carries the shower head mounting 14. The shower head 15 itself is provided with the spaced spray nozzle 16, which may be turned upon a joint indicated at 17.

The standard, small diameter support ring B may be of tubular stock 18, as shown, and it has a rear extension 19 extending outwardly from the wall mounting plate 20. The plate 20 is mounted upon the wall by means of the screws 21.

The adapter itself has a small diameter ring 35 or tube, as the case may be, which has the same diameter or circumference as the ring or tubular member 18.

The ring 35 is tangential at 36 to a portion 37 of a much larger ring 38 of tubular or rod material.

The cross braces 39 and 40 give strength to the construction and may be amplified by or replaced by various types of radial or transverse braces.

Spot welding may be employed at the points 41, 42, 43, 44 and 45 to hold the entire structure rigidly together.

The ring 38 may be one and one-half to three times the diameter of the ring 18, depending upon the size of shower compartment which it is desired to provide.

The two rings 35 and 18 are connected together by the clamps 55, which have the wing nuts 56 and the screws or bolts 57. These clamps will firmly support the adapter C and prevent it from leaving its position.

The curtain D may be conveniently suspended

at a number of points, as indicated at 58, upon the enlarged ring 38.

It will be noted by referring to Fig. 1 that it is readily possible to increase the shower space, as indicated by the dimension E, so that there will be extra room, varying from twice to three or four times the amount of room in the ordinary compartment formed by a standard curtain on a standard ring.

The fixture C may be made of light-weight aluminum or aluminum magnesium alloys, and it may be formed of rods or tubular members.

The adapter or enlarger C may be readily installed by the housewife or a plumber, and once it is installed, there will be assurance of reliable operation.

Although the dimensions may be widely varied, it has been found that an 18 inch or 24 inch standard size ring may be readily changed by the braces of the present invention to a 36 inch, 40 inch or 48 inch ring. This will enable the shower compartment to be readily increased and give greater comfort to the user of the shower.

While there has been herein described a preferred form of the invention, it should be understood that the same may be altered in details and in relative arrangement of parts within the scope of the appended claims.

Having now particularly described and ascertained the nature of the invention, and in what manner the same is to be performed, what is claimed is:

1. A shower ring curtain supporter enlargement adapter for attachment to a small-size shower curtain circular ring supporter comprising a small inside circular ring and a large outside circular ring and cross braces connecting the same, said large outside circular ring supporting the shower curtain and said small inside circular ring being connected to said circular ring support, said small inside circular ring and said large outside circular ring being in tangential contact and being welded together at the point of support of the curtain ring supporter and being formed of solid rod of smaller outside diameter and of less cross section than the shower curtain ring and said cross braces being welded to the lower faces of said small inside ring on the side away from said curtain ring and each brace having four points of contact with said small and large rings.

2. A shower ring curtain supporter enlargement adapter for attachment to a small-size shower curtain circular ring supporter comprising a small inside circular ring and a large outside circular ring and cross braces connecting the same, said large outside circular ring supporting the shower curtain and said small inside circular ring being connected to said circular ring support, and a plurality of clips to enable said smaller inside ring to be clipped to the small-size shower curtain ring supporter.

3. A shower ring curtain supporter enlargement adapted for attachment to a small-size shower curtain circular ring supporter comprising a small inside circular ring and a large outside circular ring and cross braces connecting the same, said large outside circular ring supporting the shower curtain and said small inside circular ring being connected to said circular ring support, said inside ring having the same diameter as said small-size shower curtain ring supporter, said small inside circular ring and said large outside circular ring being in tangential contact and being welded together at the point of support of the curtain ring supporter and being formed of solid rod of smaller outside diameter and of less cross section than the shower curtain ring and said cross braces being welded to the lower faces of said small inside ring on the side away from said curtain ring and each brace having four points of contact with said small and large rings.

4. A shower ring curtain supporter enlargement adapter for attachment to a small-size shower curtain circular ring supporter comprising a small inside circular ring and a large outside circular ring and cross braces connecting the same, said large outside circular ring supporting the shower curtain and said small inside circular ring being connected to said circular ring support, said cross braces extending chordally across both the small inside ring and the large outside ring.

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