L. R. PATTON.

SHOWER ATTACHMENT FOR BATHTUBS.

APPLICATION FILED SEPT. 17, 1921.

1,406,070. Patented Feb. 7, 1922.

Fig. 1.

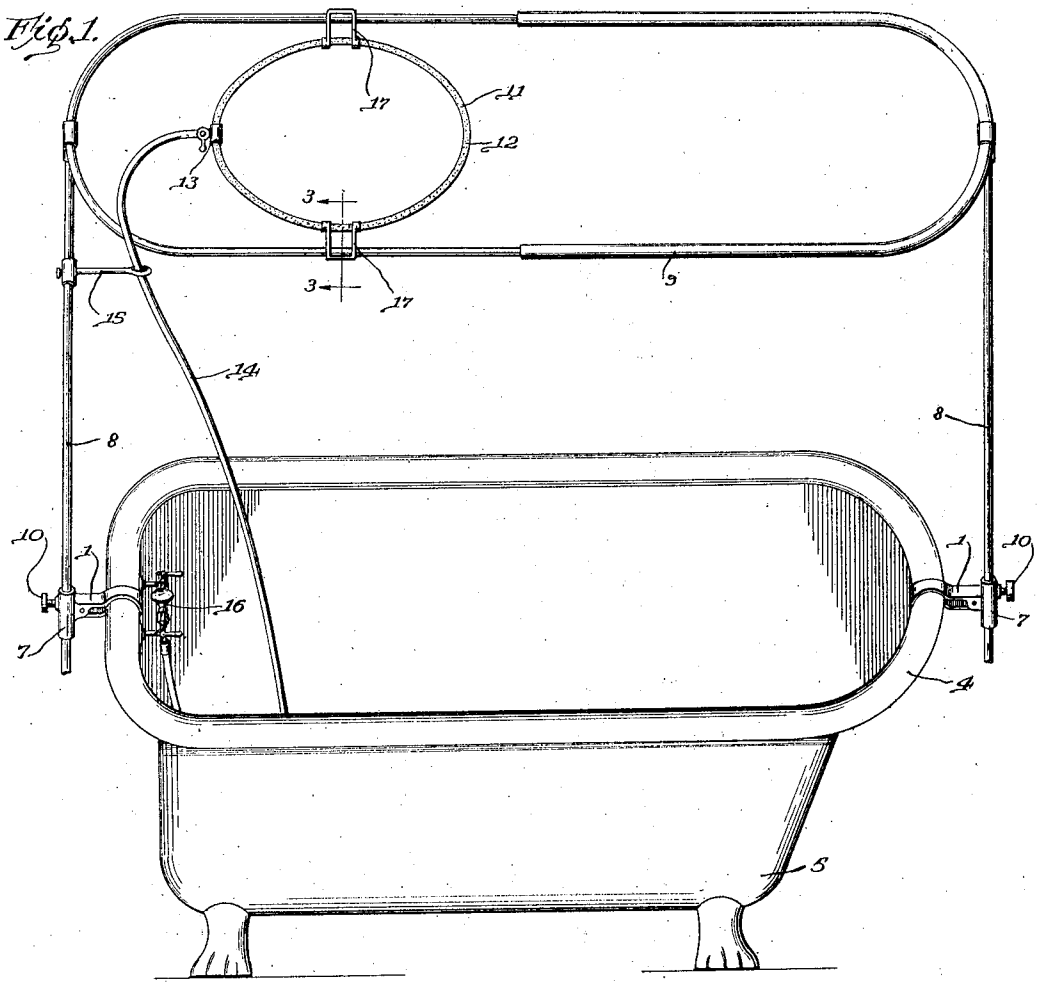


Fig. 2.

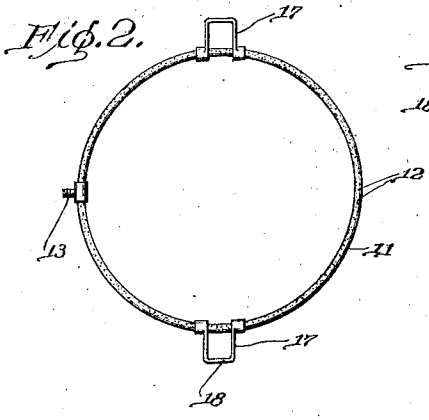


Fig. 3.

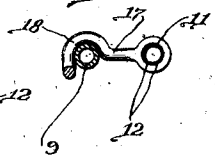
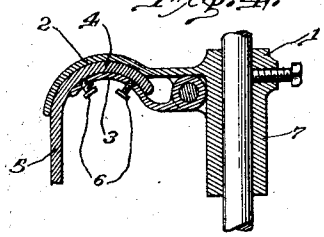


Fig. 4.



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SHOWER ATTACHMENT FOR BATHTUBS.

1,406,070. Specification of Letters Patent. Patented Feb. 7, 1922.

Application filed September 17, 1921. Serial No. 501,276.

To all whom it may concern:

Be it known that I, LOUIS R. PATTON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Shower Attachments for Bathtubs, of which the following is a specification.

This invention relates to a shower attachment for bath tubs and an object of the invention is to provide a device applicable for attachment to bath tubs of existing types which will permit the engagement of an efficient overhead shower bath.

A further object of this invention is to provide a shower attachment as specified which includes a supporting structure detachably supported from a bath tub and which adjustably supports a showering ring which is adapted to have connection with the water in the bath tub.

Other objects of the invention will appear in the following detailed description and in the accompanying drawing wherein:

Fig. 1 is a perspective view of the improved shower attachment showing it applied.

Fig. 2 is a top plan of the showering ring.

Fig. 3 is a detail section on the line 3—3 of Fig. 1.

Fig. 4 is a detail section through one of the clamp structures used in the shower attachment.

Referring more particularly to the drawing the improved shower attachment comprises attaching clamps 1, two of which are provided and which clamps are similar in construction, each comprising a pair of arcuate spaced bath tub rim engaging arms 2 and 3 which engage over the rim 4 of the bath tub 5 as clearly shown in Fig. 4 of the drawing and are held clamped there against by means of set screws 6 carried by the under relatively short arm 3. Each of the clamp structures 1 has a barrel 7 which receives therethrough a vertical supporting rod 8. The supports 8 carry an oval extensible frame 9 at their upper ends which frame consists of two telescopic members and may be supported at any desired elevation above the tub 4 by adjustment of the position of the rods 8 in the sleeves 7. Set screws 10 are provided for holding the rods 8 in adjusted positions. A shower ring 11 is provided which is tubular and is provided with a plurality of perforations 12 to permit the showering of water therefrom. A nipple 13 is carried by the shower ring 11 and is adapted to have connection with a flexible hose 14 which extends through a suitable guide 15 adjustably carried by one of the rods 8 and is adapted to have detachable connection with the water inlet structure 16 of the bath tub 5. The shower ring 11 has supporting members 17 attached thereto at diametrically opposed points which supporting members are substantially U shaped in plan and have their bight portions 18 bent transversely as clearly shown in Fig. 3 of the drawing for engaging over the side rods of the supporting frame 9 for supporting the ring 11 thereon in such manner as to permit movement of the shower ring 11 longitudinally of the frame to permit adjustment of the position of the showering ring relative to the tub.

It is, of course, to be understood that the invention may be constructed in various other manners and the parts associated in different relations and, therefore, I do not desire to be limited in any manner except as set forth in the claims hereunto appended.

Having thus described my invention what I claim is:

1. In a shower attachment for bath tubs, bath tub engaging clamps, a supporting structure adjustably carried by said clamps, a shower ring movable longitudinally over said supporting structure, and a hose connected to said showering ring and adapted for connection with the water inlet of a bath tub.

2. In a shower attachment for bath tubs clamp structures including bath tub rim engaging arms, and sleeves carried by said arms, rods adjustably carried by said sleeves, a supporting frame carried by the upper ends of said rods, and a showering ring supported by said frame.

3. In a shower attachment for bath tubs clamp structures including bath tub rim engaging arms, and sleeves carried by said arms, rods adjustably carried by said sleeves, a supporting frame carried by the upper ends of said rods, a showering ring, supports carried by said showering ring at diametrically opposed points and shaped to engage said supporting frame for supporting the showering ring thereby to permit movement of the showering ring along the supporting frame.

4. In a shower attachment for bath tubs

clamp structures including bath tub rim engaging arms, and sleeves carried by said arms, rods adjustably carried by said sleeves, a supporting frame carried by the upper ends of said rods, a showering ring, supports carried by said showering ring at diametrically opposed points and shaped to engage said supporting frame for supporting the showering ring thereby to permit movement of the showering ring along the supporting frame, a nipple carried by said shower ring, and a flexible hose connected to said nipple and adapted for connection with the water inlet of a bath tub.

In testimony whereof I affix my signature.

LOUIS R. PATTON.