

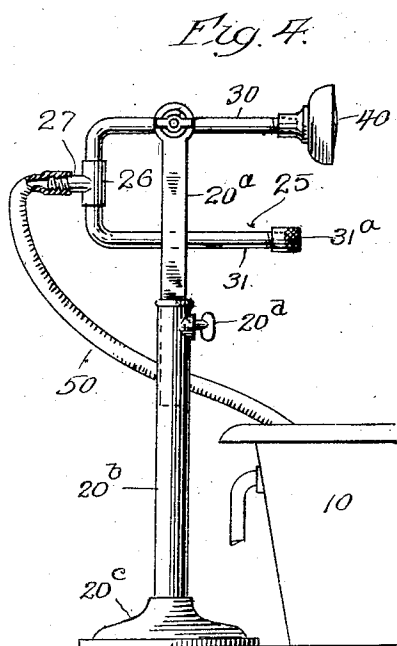
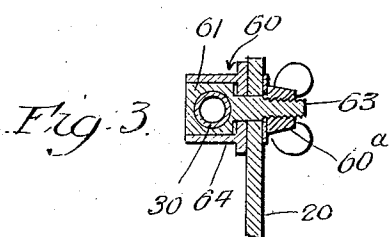
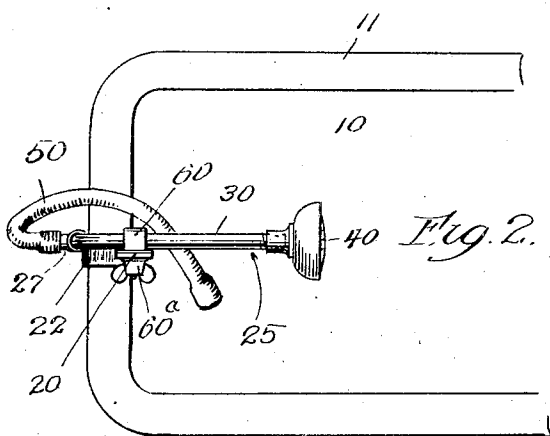
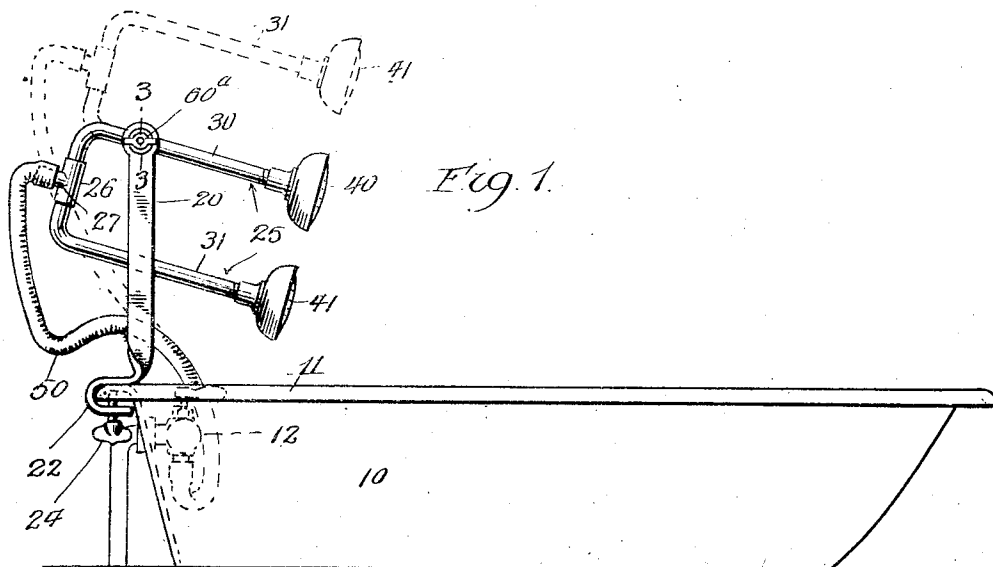
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N. L. WALLEN

SHOWER BATH DEVICE

Filed Aug. 16, 1924



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UNITED STATES PATENT OFFICE.

NANNIE L. WALLEN, OF CHICAGO, ILLINOIS.

SHOWER-BATH DEVICE.

Application filed August 16, 1924. Serial No. 732,410.

To all whom it may concern:

Be it known that I, NANNIE L. WALLEN, a citizen of the United States, and a resident of Chicago, Cook County, and State of Illinois, have invented certain new and useful Improvements in Shower-Bath Devices, of which the following is declared to be a full, clear, and exact description.

This invention relates to shower bath devices, and its principal object is to increase the efficiency of devices of this character. The invention is in the nature of an improvement on the shower bath apparatus, shown and described in a prior Patent No. 865,137 issued to me on September 3, 1907. One object of the present invention is to provide a shower bath device, which will deliver a spray over a comparatively large area, within the confines of an ordinary bath tub. This object I have attained by employing two sprayer heads, located one above the other, and approximately in a plane at the median line of the tub. Another object is to provide a multiple sprayer head shower bath device, which is adjustable, whereby the spray may be directed toward and confined to any desired part of the body. Another object is to provide a shower bath device which may be removably clamped to the rim of a bath tub, or may be provided with a pedestal or stand whereby it may stand on the floor adjacent the tub.

With these and other objects and advantages in view, this invention consists in the several novel features hereinafter fully set forth and claimed.

The invention is clearly illustrated in the drawing accompanying this specification, in which:—

Fig. 1 is a side elevation of a shower bath device embodying the preferred form of the present invention and showing the same attached to a bath tub; Fig. 2 is a plan thereof with the tub partly broken away; Fig. 3 is a detail, vertical section taken on the line 3—3 of Fig. 1, and Fig. 4 is a side elevation of an alternate form of the invention.

Referring to said drawing, and first to Figs. 1 to 3 inclusive, the reference character 10 designates a bath tub of ordinary form provided with the usual rim or flange 11, and having a faucet 12 for supplying hot and cold water to the tub.

Removably secured to the tub is a post or

standard 20, here shown as having a U bend 22 at its lower end, arranged to embrace the rim of the tub and provided with a clamp screw 24, arranged to impinge against the rim to clampingly secure the post or standard 20 to the tub. The post or standard 20 should be secured at the head or foot portion of the tub, midway between the sides thereof in order that the spray may be directed wholly within the confines of the tub.

Adjustably secured to the upper end of the post or standard 20 is a substantially U shaped spray device 25, preferably comprising two tubular L shaped branches 30, 31, united by a T coupling or fitting 26. The fitting 26 has a nipple 27 to which a flexible tube 50 is removably secured, and said flexible tube is of sufficient length to extend from the T fitting 26 to the faucet 12 of the tub, to which its other end is removably secured. The tube 50 may have any of the well known slip connections with the nipple 27 and faucet 12. Upon the free ends of the tubular branches 30, 31 are secured sprayer heads 40, 41, which may be of any of the well known types of sprayer heads, and as a preference said sprayer heads are movably secured to the branches 30, 31. Conveniently, said sprayer heads may have screw-threaded connections with the branches 30, 31.

The adjustable connection or clamp device between the spray device 25 and post 20, may comprise a socket member 64 which is placed against the side of the post 20, and a block 61 confined in the socket of the socket member and having a screw threaded stud 63 which extends through the end wall of the socket member 64, and through the post 20. A wing nut 60^a is threaded on the stud 63 and bears against the post to frictionally clamp the parts together in any desired position of adjustment. The socket member 64 and block 61 are formed with registering holes through which extends one branch 30 of the spray device 25. When the wing nut is screwed up against the post, the branch 30 is clamped between the edges of the holes of the socket member and block and the socket member is clamped against the post. The parts may be fixedly clamped in any position of adjustment, or by screwing up the wing nut with less force, sufficient friction may be created between the parts to hold them in any adjusted position, while

permitting the parts to be adjusted at will.

It will be observed that the spray device 25 may be bodily moved back and forth in the clamp device to locate the sprayer heads at any desired place. Furthermore, the spray device may be tilted to any angle desired, and may be turned upright, if desired, when not in use. Furthermore, that the two 10 sprayer heads are located one above the other, centrally of the tub, whereby the spray of water may extend over a large area but confined wholly within the confines of the tub. The spray may therefore 15 be directed upon the front or back of the user and will not splash out of the tub. Furthermore, the spray device being swiveled in the clamp device, it may be swung up into the position indicated by the dotted 20 lines in Fig. 1, whereby the spray may be delivered from a higher point and directed in a more downwardly direction upon the user. In fact, the branch 31 may occupy any position in an arc of a circle described 25 about the axis of the branch tube 30 as a centre. Obviously the post may be secured to the faucets, or may be clamped to any convenient support.

In the alternate form of the invention illustrated in Fig. 4, the post 20^a is unprovided with this U bend 22 and clamp screw 24, and is adjustably secured in a pedestal 20^b by a clamp screw 20^c. The pedestal is provided with a comparatively heavy and 35 wide base 20^c, which rests on the floor. The pedestal may be placed at any convenient place adjacent the tub as desired. In case it is desired to use only one sprayer head, a cap or closure 31^a is provided, and one of 40 the sprayer heads may be removed from its branch tube, and the cap or closure 31^a screwed upon the threaded end of the tube to close it. In other respects the form of

spray device shown in Fig. 4 is similar to that of the preferred form.

More or less variation of the exact details of construction is possible without departing from the spirit of this invention; I desire, therefore, not to limit myself to the exact form of the construction shown and 50 described, but intend, in the following claims, to point out all of the invention disclosed herein.

I claim as new, and desire to secure by Letters Patent:

1. A shower bath device, comprising a post, a spray device having a plurality of aligned branches, each provided with a sprayer head, a swivel connection between said post and one of said branches, whereby 60 both branches of said spray device may swing in a vertical plane, and one branch may rotate about the other, and a flexible tube for connecting said spray device with a faucet.

2. A shower bath device comprising a post, a clamp device swiveled to the upper end of said post, a spray device having a plurality of aligned branches, each provided with a sprayer head, and one of which is adjustably held in said clamp device, and a flexible tube for connecting said spray device with a faucet.

3. A shower bath device comprising a post, a clamp device swiveled to the upper 75 end of said post, a U shaped spray device having two branches, one of which is adjustable lengthwise in said clamp device, and revolubly mounted therein whereby one branch of the spray device may be adjusted 80 from a position below the other branch, to one thereabove, each branch having a sprayer head thereon, and a flexible tube for connecting said spray device with a faucet.

NANNIE L. WALLEN.