(No Model.)

J. F. FOLEY.

COMBINED BATH AND SHOWER APPARATUS.

No. 565,408. Patented Aug. 4, 1896.

Fig. 1.

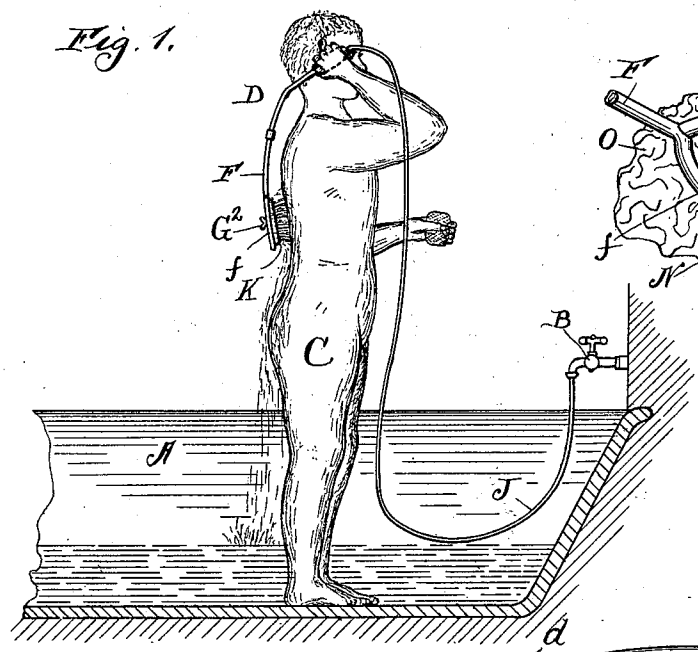


Fig. 4.

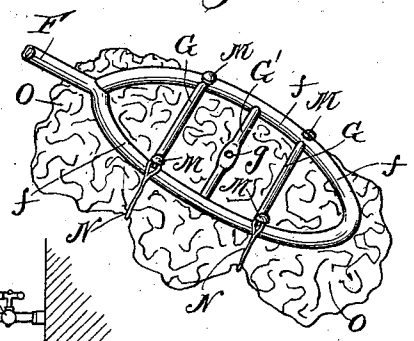


Fig. 2.

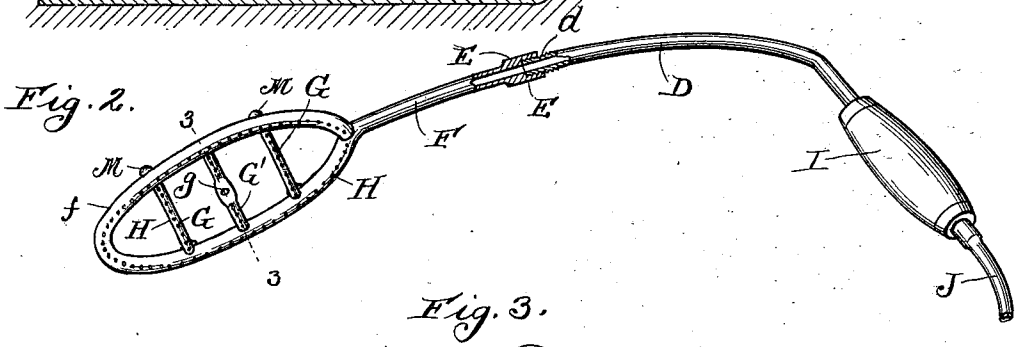
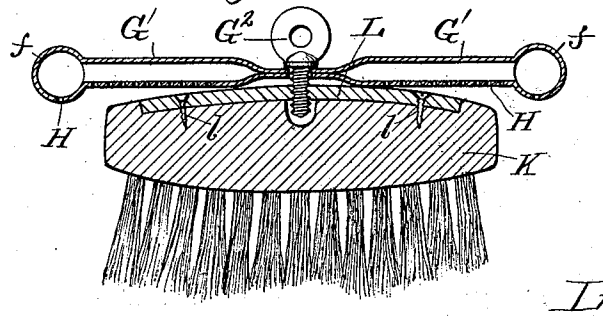


Fig. 3.



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UNITED STATES PATENT OFFICE.

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COMBINED BATH AND SHOWER APPARATUS.

SPECIFICATION forming part of Letters Patent No. 565,408, dated August 4, 1896.

Application filed July 22, 1895. Serial No. 556,687. (No model.)

To all whom it may concern:

Be it known that I, JOHN F. FOLEY, a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in a Combined Bath and Shower Apparatus, of which the following, when taken in connection with the drawings accompanying and forming a part hereof, is a full and complete description, sufficient to enable those skilled in the art to understand, make, and use the same.

The device embodying my invention relates to the class of articles used in or with an ordinary bath-tub for the purpose of obtaining a better and more thorough bath than can otherwise be obtained, or for more easily obtaining an ordinary bath; and the object of my invention is to obtain a device whereby, in an ordinary bath-tub, a bath known as a "needle" or "shower" bath can be taken, a device whereby a thorough brushing or sponging of the back as well as of the front of the body can be easily secured, with all the water desired, and as desired, supplied to the brush or sponge, and a device whereby the water, either in a needle, shower, brush, or sponge bath, can be applied to any part of the body at the will of the person bathing and in quantity as desired.

In the drawings referred to as forming a part of this specification, Figure 1 is an elevation of a person using the device embodying my invention in connection with an ordinary bath-tub, showing such device in elevation and the bath-tub in section; Fig. 2, a perspective view of the device embodying the invention with a short section of a rubber or other flexible tube used in connection therewith and as a part thereof attached thereto; Fig. 3, a sectional view of the device on line 3 3 of Fig. 2, viewed in the direction indicated by the arrows, with a brush secured thereto and forming a part thereof; and Fig. 4, a perspective view of the device embodying the invention with a sponge attached thereto forming a part thereof.

A reference-letter applied to a given part is used to designate such part throughout the several figures of the drawings wherever the same appears.

A, Fig. 1, is a section of a portion of a bath-tub.

B is the faucet supplying water to the bath-tub.

C is an elevation of a person standing in the bath-tub A and using in connection therewith a device embodying my invention.

D is a hollow metal rod fitting into socket E and arranged to be secured in place in such socket, as by screw-threads *d d d* on the hollow rod or tube D, fitting into corresponding screw-threads in the socket E.

F is a hollow rod or tube secured at one end thereof to socket E and bent at the other end thereof to form the loop *f*.

G G G′ are hollow bars or tubes extending across the loop *f* and connected to such loop, so that the liquid, as water, extending through the loop *f* may pass into the hollow bars, respectively.

H H H are perforations or holes in the tube forming the loop *f* and in the cross-tubes G G G′, through which perforations or holes water will pass in the use of the device.

I is a handle on hollow rod or tube D, whereby the device can be readily manipulated.

The hollow rods or tubes D F are formed into a circular shape, as is well illustrated in Fig. 1, to enable a person grasping the handle to apply a brush or sponge attached to the loop to the back, and also to enable one grasping the handle to apply a needle or shower bath to the back, that is, by holding the loop *f* a short distance from the back.

J is a flexible tube, as, say, of rubber, secured at one end to hollow rod or tube D and at the other end removably attached to faucet B. The force of the liquid, usually water, is determined, when the device is attached to faucet B, by the extent to which such faucet is opened.

g is a hole in cross-bar or cross-tube G′, through which the bolt G^2 may be extended.

K, Fig. 3, is a brush which may be of any desired make; but to be adapted for use in connection with the hereinbefore-described device should be of less width and shorter than is the loop *f*, so that water passing from the perforations or holes H H H may extend

by the brush upon the person using the device, or at least on the bristles of the brush.

L is a plate, which I prefer to construct of metal, secured, as by screws *l l*, to the back of the brush K and arranged to have fitted thereto, by means of a screw or otherwise, the bolt G^2, thereby securing the brush to the loop *f*.

M M M M, Fig. 4, are buttons or fasteners on the back of loop *f*, and N N are elastic bands attached at the ends thereof, respectively, to buttons or fasteners M M M M. Bands N N extend around the sponge O. To detach the sponge O from the loop *f* of hollow rod or tube F, one end of the bands N N is unfastened from the buttons or fasteners M M M M.

The manner of using the device is as follows: Where a needle or shower bath is to be taken, the handle I is grasped, as is illustrated in Fig. 1, and, the brush K and sponge O being removed from the loop *f*, with flexible tube J, secured to the faucet of the bath-tub, the faucet is turned to admit water through the device. The water flowing through the perforations or holes H H can be directed against any part of the body by the person bathing, the manner of so directing such water against the back being well illustrated in Fig. 1. Where a brush is to be used as a part of the device embodying my invention, such brush is secured to loop *f*, as hereinbefore set out, and the device used in substantially the same way as when a needle or shower bath is to be taken. Where a sponge is secured to the loop *f*, as illustrated in Fig. 4, water passing through the flexible tube J, tube D, tube F, and perforation H H in loop *f* will be forced through the sponge.

The loop *f* with hollow bars G G G′ constitutes a supply-chamber for water designed to be supplied to and discharged from the perforations or holes H H.

To pack the device, tube D may be detached from the socket E and flexible tube J from faucet B.

I claim—

1. The combination of tubes removably secured together, one end of one of the tubes turned into a loop, connecting-tubes extending from side to side of the loop, such loop and connecting-tubes having perforations through the wall of the tubes on one face of the loop, a metal plate adapted to be secured to the back of a brush, and means for removably securing the metal plate to one of the connecting-tubes, with a flexible pipe secured to the end of the other tube; substantially as described.

2. A combined rubbing and needle shower-bath consisting of a bent hollow tube having at one end thereof a chamber formed by a loop of the bent tube and hollow connecting-tubes extending from side to side of the loop, such loop and connecting-tubes having perforations on one side or face thereof, a handle near one end of the bent tube, means for attaching a flexible tube adjacent to the handle on the bent tube, means for removably attaching a metal plate, secured to a brush, to the loop, and buttons on the back of the loop for securing a flexible cord thereto, whereby such loop is arranged to have a brush and a sponge alternately attached thereto; substantially as described.

JOHN F. FOLEY.

In presence of—
FLORA L. BROWN,
WM. R. JEWELL.