

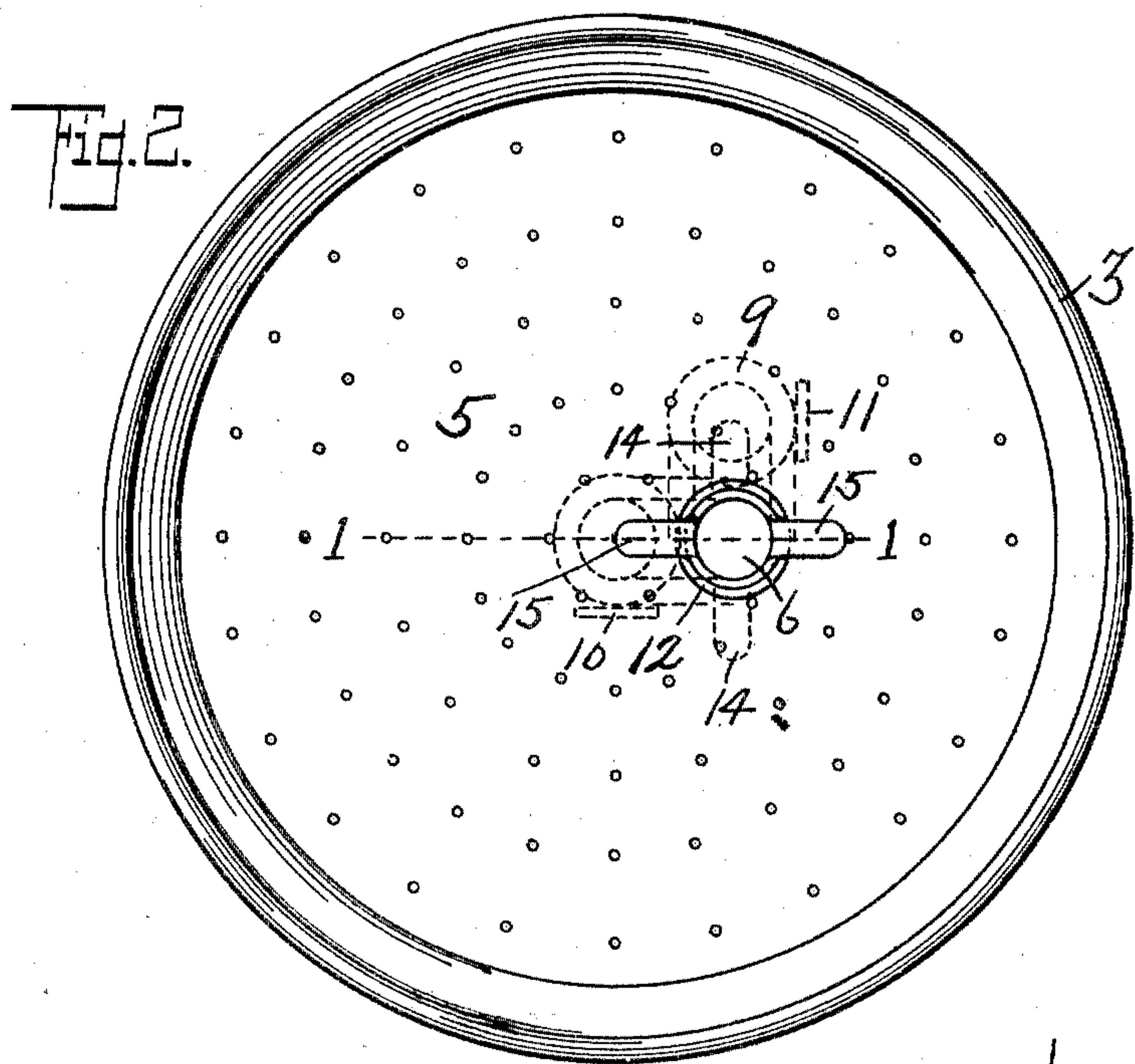
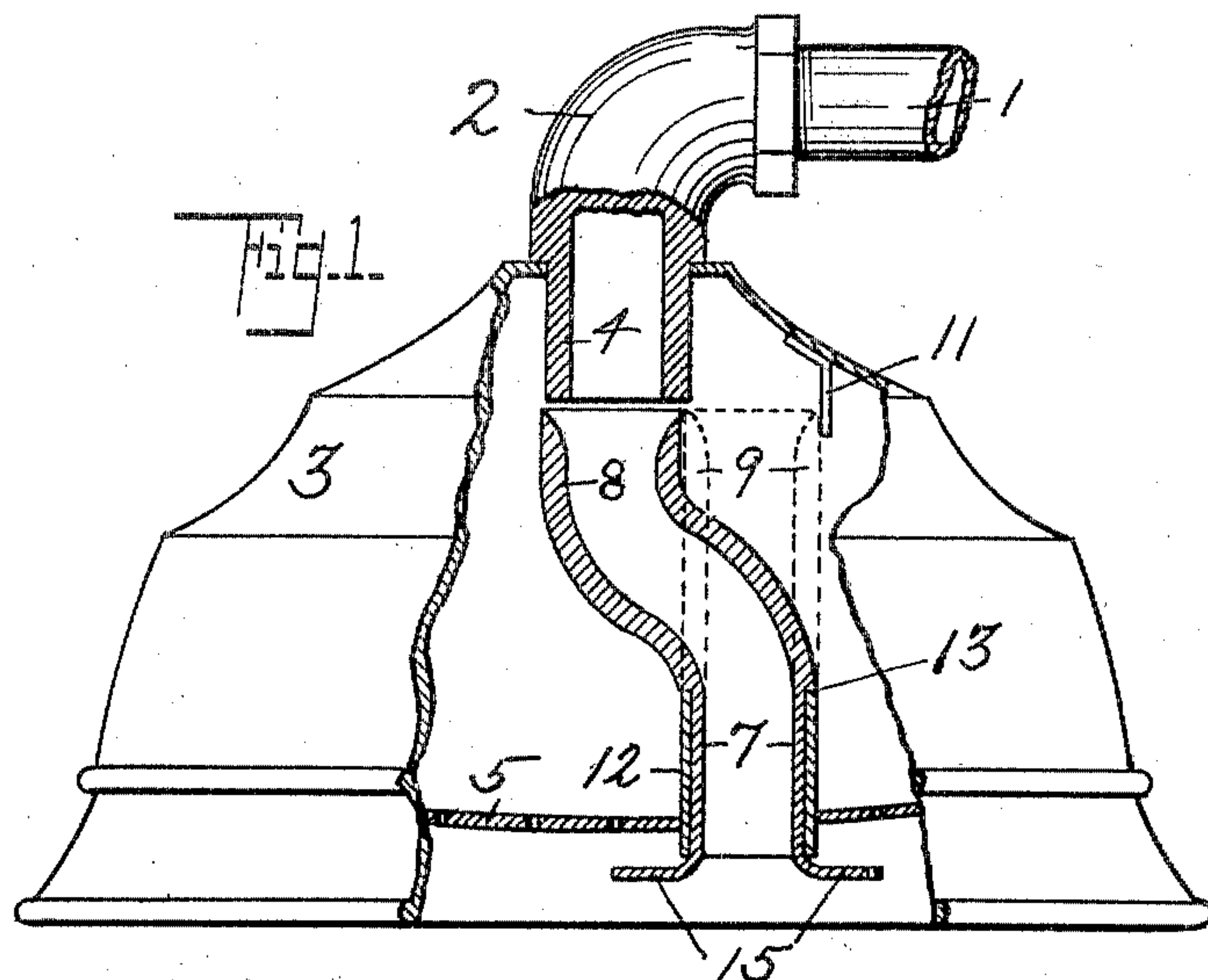
No. 777,042.

PATENTED DEC. 6, 1904.

J. R. MERCEREAU.
SHOWER BATH.

APPLICATION FILED FEB. 11, 1904.

NO MODEL.



WITNESSES.
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UNITED STATES PATENT OFFICE.

JAMES R. MERCEREAU, OF ROCHESTER, NEW YORK.

SHOWER-BATH.

SPECIFICATION forming part of Letters Patent No. 777,042, dated December 6, 1904.

Application filed February 11, 1904. Serial No. 193,097. (No model.)

To all whom it may concern:

Be it known that I, JAMES R. MERCEREAU, a citizen of the United States, and a resident of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Shower-Baths, of which the following is a specification.

This invention relates to shower-baths, and has for its object to provide an attachment which by manipulation can be made to deliver the water for the bath either in the form of a douche or shower.

In the drawings, Figure 1 represents in side elevation a shower-head embodying my invention, being partially broken away to show in vertical section on the line 1 1 of Fig. 2 the parts located within said head; and Fig. 2 is a bottom view of the same.

1 is a water connection, and 2 is an elbow by which the shell 3 of the shower-head is connected to said water-pipe 1 and through which the water is discharged into the shower-head. One end, 4, of the elbow 2 projects down into the shell 3 of the shower-head. The shower-head is closed near its lower edge by a plate 5, that is perforated throughout its surface, as represented in Fig. 2, so that water falling upon it from the end 4 of the discharge-pipe will be in turn discharged through its perforations in the form of a shower or spray. The plate 5 is also provided with an orifice 6, that is larger than the perforations just referred to and through which all the water discharged through the water connection can be concentrated. Means are provided for connecting at pleasure the end 4 of the discharge-pipe with the orifice 6. The discharge-pipe 4 is located centrally with reference to said shower-head, while the orifice is eccentric. The connection between the two consists of a pipe 7, whose lower end projects through the orifice 6. The upper end of the pipe is bent into a neck 8, that is adapted when in the position shown in Fig. 1 to lie beneath and receive the water discharged

from the pipe 4. The connecting-pipe 7 is revolvably supported within the shower-head 3, so that its neck 8 may be turned from under the pipe 4 into the position represented by dotted lines 9 in both Figs. 1 and 2. When the neck 8 of the connecting-pipe 7 is in the position represented by the dotted lines 9, the water discharged from the pipe 4 falls upon the perforated plate 5. Stops 10 and 11 limit the motion of the neck 8 with reference to its position below and at one side of the discharge-pipe, respectively. The connecting-pipe 7 is rotatively supported within the shower-head by means of the tube 12, which is represented as lying beneath a shoulder 13 on said tube and as supported in turn by feet 14, that are attached to the plate 5. (See Fig. 2.)

Means are provided for rotating the connecting-pipe 7, so as to bring its neck either beneath the discharge-pipe 4, as represented in full lines in Fig. 1, or on one side of said discharge-pipe into the position shown in dotted lines in Fig. 1, such as the overturned projecting ends 15 of the pipe 7.

What I claim is—

1. In a shower-bath attachment the combination with a shower-head, having a centrally-located inlet-pipe for a water-supply, as one part, and a perforated bottom plate, having an orifice for a douche, as another part of a pipe revolvably supported by one of said parts, and adapted in one position to connect the inlet with said orifice, and in another position to break said connection, whereby water is delivered from said inlet upon said plate; and means for placing said pipe in either position.

2. In a shower-bath attachment the combination with a shower-head, having a centrally-located inlet-pipe for a water-supply, a perforated bottom plate, and an orifice for a douche eccentrically located in said bottom plate, of a pipe rotatively supported upon said plate, and adapted in one position to con-

nect said inlet with said orifice, and in another position to stand free from said inlet, and means for rotating said pipe.

3. In a shower-bath attachment the combination with a shower-head having a centrally-located inlet-pipe for a water-supply, a perforated bottom plate, and an orifice for a douche eccentrically located in said bottom

plate, of a pipe 7, rotatively supported in said orifice, and having a neck 8, bent so as to lie below said inlet when the pipe is in one position, and means for rotating said pipe.

JAMES R. MERCEREAU.

Witnesses:

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