

W. McCLURE.  
Portable Baths.

No. 213,340.

Patented Mar. 18, 1879.

Fig. 1

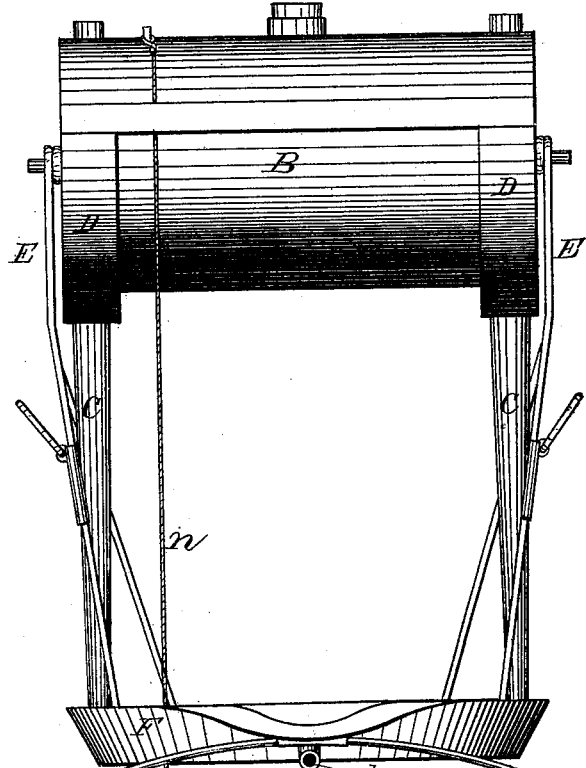
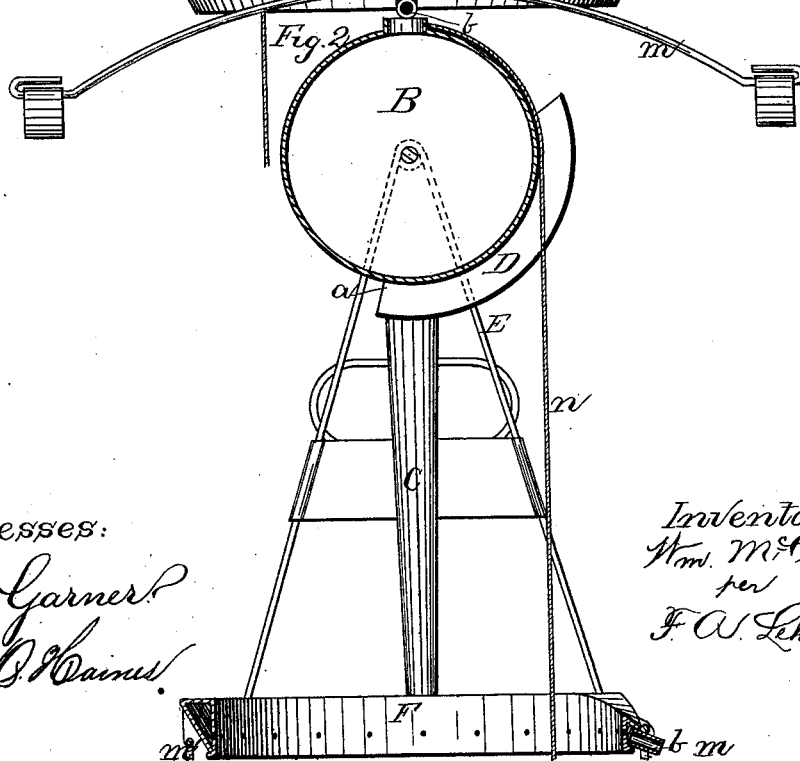


Fig. 2



Witnesses:

J. W. Garner  
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Inventor:  
Wm. McClure  
per  
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att'y.

# UNITED STATES PATENT OFFICE.

WILLIAM McCLURE, OF PITTSBURG, PENNSYLVANIA.

## IMPROVEMENT IN PORTABLE BATHS.

Specification forming part of Letters Patent No. **213,340**, dated March 18, 1879; application filed February 7, 1879.

### *To all whom it may concern:*

Be it known that I, WILLIAM McCLURE, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Portable Baths; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in portable baths; and it consists in a light apparatus for holding water and discharging the same at will in a spray over the person standing in a tub or bucket without wetting the floor.

The object of my invention is to offer facilities for bathing to persons in their rooms or bed-chambers without the labor and inconvenience of carrying a great quantity of water for that purpose, and so to arrange it that a bath may be taken in a few minutes without injury to carpet or furniture, as will be fully described hereinafter.

The accompanying drawings represent my invention.

Figure 1 is a side elevation of my invention. Fig. 2 is a vertical section of the same.

B represents a hollow cylinder, with three openings on a longitudinal line, of which the larger central one serves for introducing water, and the two smaller ones, near the ends, to discharge the same.

The cylinder is supported at its axis by a suitable frame, E, and makes half a revolution, when set in motion, by means of a cord, *n*, attached to its upper part, and is checked by the stop *a*. In this position, the central opening being tightly stopped, the water is discharged downward through the smaller holes into the vertical tubes C, the said tubes being somewhat larger at the top than at the bottom.

At the upper end of the tubes C, close to and half encircling one side of the cylinder, are conductors D, for the purpose of leading the water flowing from the cylinder while rotating into the tubes. These tubes communicate at their lower ends with a hollow oval base or collar, F, of a size to pass readily over the head

of a person, and are of sufficient length only to keep the head from contact with the cylinder when the apparatus is in use. The collar F also supports the frame E, and is of a triangular form, the apex downward, with an opening, *b*, in front, to discharge the water and impurities remaining after a bath has been taken.

The inner vertical side of the collar F is provided with a series of small holes, sufficiently raised above the apex to allow any sediment of the water to settle below the apertures.

In front and rear of the collar are braces *m*, with straps, to hold the bathing apparatus securely on the shoulders of the bather.

The water is introduced through the larger aperture into the cylinder, and when filled the hole is securely closed, retaining the cylinder in the same position, with the holes upward. The bather, lifting the apparatus by the handles, places his head within the collar and allows it to rest upon his shoulders, where it is secured by the straps. Standing in a tub or bucket, the string or cord attached to the upper side of the cylinder is now pulled to make the water flow downward, which, passing through the tubes, enters the collar and is again discharged in a spray through the small holes inside, falling upon the neck and shoulders of the person, and descending, after passing over all parts of the body, to the feet, is collected in the receptacle in which the bather is standing.

Having thus described my invention, I claim—

1. A portable bath or bathing apparatus, having a collar, supported on the shoulders of the bather by straps or its equivalent, and discharging water from its inner side, as and for the purpose substantially as described.

2. In a portable bath, the combination of the cylinder B, tube C, and collar F, substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 29th day of January, 1879.

WILLIAM McCLURE.

Witnesses:

T. F. LEHMAN,  
SAML. DIESCHER.