

N. Waterman,
Shower Bath,
Nº 3,213, Patented Aug. 11, 1843.

Fig: 1.

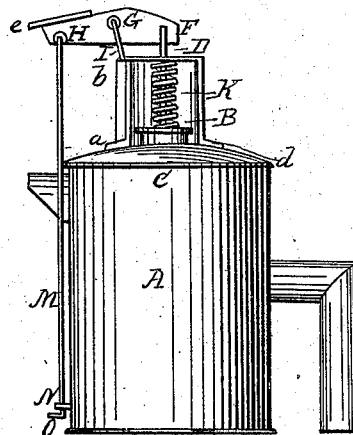


Fig: 2.

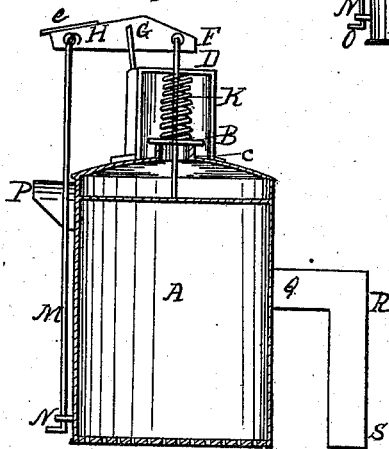
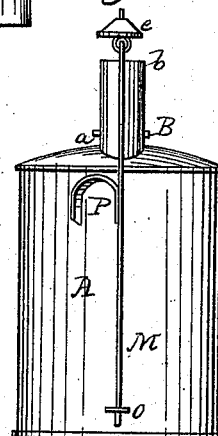


Fig: 3.



UNITED STATES PATENT OFFICE.

NATHANIEL WATERMAN, OF BOSTON, MASSACHUSETTS.

PORTABLE SHOWER-BATH.

Specification of Letters Patent No. 3,213, dated August 11, 1843.

To all whom it may concern:

Be it known that I, NATHANIEL WATERMAN, of Boston, in the county of Suffolk and State of Massachusetts, have invented
5 a certain new, useful, and Portable Apparatus for Shower-Bathing, which I term the "Pneumatic Shower-Bath," and that the following description of the same, taken in connection with the accompanying drawings thereof, forms a full and exact specification.

Figure 1, of the drawings above mentioned, represents a side elevation of the apparatus, while Fig. 2, is a vertical and
15 central section thereof, and Fig. 3 is an end elevation or view, taken at right angles to the direction in which the eye observes that of Fig. 1.

A, Figs. 1, 2, 3, is a clear cylindrical vessel, or reservoir, formed of tin, copper or other proper material and having its bottom perforated by numerous holes, in a similar manner to the extremity of the spout of a garden watering pot, or to the bottom
20 of the culinary article generally known by the name of a "cullender." The vessel A has a valve B resting upon the upper end of a short tube C, which is inserted and opens into the top of the fountain A. The stem D of the valve B, passes through a supporting strip of metal *a b c d*, and is jointed to the inner extremity F of a lever F, G, H, whose fulcrum is at G, as seen in Fig. 1, or upon the top of a suitable standard I, projecting upward from the side of the support piece *a b c d*. A helical spring K,
25 placed between the valve B and the upper or horizontal part *b c* of the support piece *a b c d*, presses the valve down upon its seat. The upper part of the arm G H, has a plate *e*, affixed to its upper edge, for the thumb to rest upon whenever it is applied directly to the lever to raise the valve B. The extremity H of the lever has one end of
30 a vertical rod M jointed to it, the said rod passing through a guide piece N, soldered to the side of the vessel A, near its bottom as seen in Fig. 1. Below this guide piece the rod M terminates in a horizontal circular ring O upon the top side of which
35 the second finger of the right hand is placed, while the thumb rests against the bottom

of the vessel A, whenever the vessel is used in the act of showering or bathing. A small rest or piece of tin P, bent into the
55 form as shown in Fig. 3, is soldered to the side of the vessel A, just below the extremity H, of the valve lever. This serves for a seat or rest for the second or third finger of the right hand, whenever the thumb is applied to the end of the valve lever, to
60 depress the said end. A bent tube or handle Q R S is applied to the opposite side of the vessel A as seen in Fig. 1. This is grasped by the left hand of a person when
65 the apparatus is elevated and held over his head.

The operation of showering is as follows. The bather, standing in a suitable tub of water, forces the vessel A, bottom down-
70 wardly, into the water, at the same time applying one of his fingers of the right hand to the rest P, and the thumb thereof, to the end H of the valve lever, which latter being depressed so as to raise the valve, will cause
75 the water in the tub to rush up through the orifices of the bottom of the vessel A, thereby filling the same. The bath being then prepared and the thumb removed from the end H, of the valve lever the spring K will
80 force the valve down upon its seat, so that when the vessel is raised out of the water the pressure of the atmosphere will cause the water therein, to be retained within the
85 same until it is raised above the head and the valve opened by means of the rod M; which being accomplished the water will descend through the numerous orifices of the bottom in a copious shower, upon the
90 head and body of the bather.

I am aware that a portable pneumatic apparatus for shower bathing constructed with a chamber or vessel A having a perforated bottom and a tube or opening at top to be closed by the thumb, has been long known
95 and used and therefore I do not claim such an article; but—

That which I do claim consists in—

The arrangement of the fixtures applied to such an apparatus by which the chamber
100 thereof can be filled, raised above the head and discharged by hand as set forth, viz, in combining with the valve lever, a finger rest P applied to the side of the fountain

near its top, and also a long rod M which shall extend from said lever nearly down to the bottom of the fountain and there terminate in a ring or other contrivance of
5 like nature as described.

In testimony that the above is a correct specification I have hereto set my signature

this twenty second day of June of the year
eighteen hundred and forty-three.

NATHL. WATERMAN.

Witnesses:

R. H. EDDY,
CALEB EDDY.