

H. Blodgett,
Shower Bath.

N^o 4,930.

Patented Jan. 15, 1847.

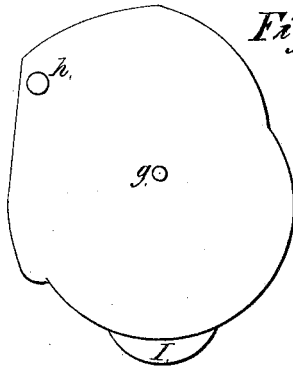


Fig. 2.

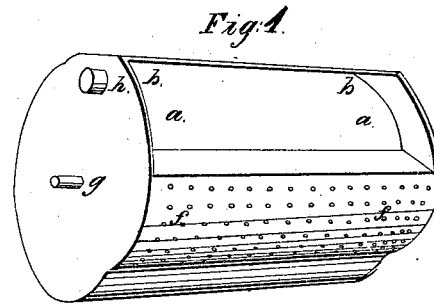


Fig. 4.

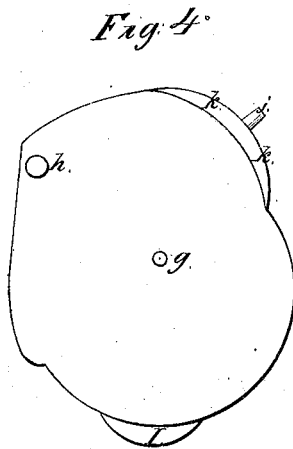


Fig. 4.

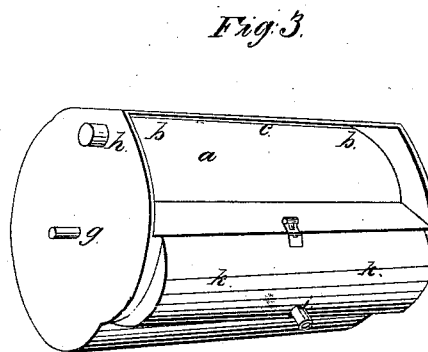


Fig. 3.

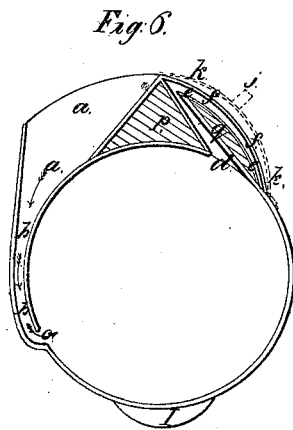


Fig. 6.

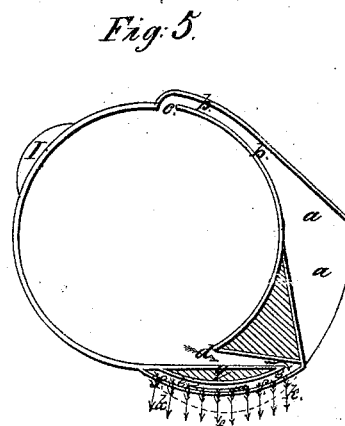


Fig. 5.

UNITED STATES PATENT OFFICE.

HENRY BLODGETT, OF ALBANY, NEW YORK.

FOUNTAIN FOR SHOWER-BATHS.

Specification of Letters Patent No. 4,930, dated January 15, 1847.

To all whom it may concern:

Be it known that I, HENRY BLODGETT, of Albany, in the county of Albany and State of New York, have invented a new and Improved Fountain for Shower-Baths, which I term a "Shower and Douche Fountain"; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1, is a perspective view of one of my fountains, and Fig. 2, an end view of the same. Fig. 3, is a perspective view of the fountain, with the apparatus for producing the "douche" applied thereto. Fig. 4, is an end view of the same. Figs. 5 and 6, are cross sections of the fountain, one being in an erect and the other in an inverted position.

The object of my invention is to combine the rose head with the fountain or pan, and at the same time to dispense with valves or other analogous contrivances, as being unnecessarily complicated and liable to get out of order.

The same letters refer to the same parts in all the figures.

a a is the broad opening into which the water is poured. It passes downward through the narrow throat *b b* and enters the cylindrical body of the fountain by a longitudinal opening or slit at *c*, Figs 5 and 6.

The fountain being filled, is made to discharge a shower by inverting it as shown in Fig. 5. The water then rushes through the longitudinal aperture *d* and reverts into the curved passage *e e*. This passage is nearly of the same length with the barrel of the fountain, and the sheet of metal *f f*, which forms its outer side is pierced with numerous fine holes, forming the rose of the fountain.

g, is one of the eccentric axes or gudgeons, about which the fountain revolves and *h*, is a check which striking against a properly arranged obstacle (as for instance one of the horizontal battens which may support the gudgeons), prevents a greater degree of revolution than is necessary. to bring the rose into the position shown in

Fig. 5. By observing this figure, it will be seen that the longitudinal opening *c*, by means of which the fountain is filled, serves to admit the air requisite to the free discharge of the water.

i, is a counterweight serving to bring the fountain to an upright position.

The escape passage, *d* is made narrow at the point where it communicates with *e e*, in order that when the fountain is turned upward the discharge of water may be cut off immediately and not cause a spouting to the front—*e e* is also made narrow for the same purpose. Water is not admitted into the portions *p* and *q*, marked with shaded lines in Figs. 5 and 6 these parts being closely soldered up.

In order to convert the apparatus into a douche fountain, I employ a sort of cover *k k* (represented in Figs. 3 and 4 and by dotted lines in Fig. 6) which covers all the holes of the rose, the edges being closely fitted thereto but the interior being at a little distance from the surface thereof. The object is, to unite in one body all the water issuing through the numerous apertures of the rose and discharge them through the tube *j*, in a single stream.

The cover *k k*, may be conveniently attached, by means of buttons or hasps.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The mode in which I have constructed and arranged the filling passage and the rose, as herein set forth and described, both being at or near the top of the fountain when erect (it being understood that I do not intend to confine my claim to the case where the partitions inclosing the empty cavities marked *p* and *q* are introduced, these latter not being absolutely necessary to, although greatly improving the action of the apparatus.)

2. And in combination with the above I claim placing the gudgeons upon which the fountain turns above the center of the cylindrical water receptacle; and adding a counter weight *i* to the bottom of the latter so as to cause the apparatus to right itself after inversion.

3. I also claim the peculiar manner in which I have arranged the escape passages

d and *e e* so as the more readily to cut off the water when the fountain commences to rise from its inverted position, and thereby prevent its spouting to the front.

5 4. And I further claim the mode of producing the douche, by means of the cover *h, h*, applied over the rose, the whole being

constructed and operating substantially in the manner and for the purpose herein set forth and described.

HENRY BLODGETT.

Witnesses:

WM. S. ELLISON,
CHAS. H. HAZEN.