H. H. King,

Shower Bath.

No. 4,949. Patented Feb. 1, 1847.

Fig. 2

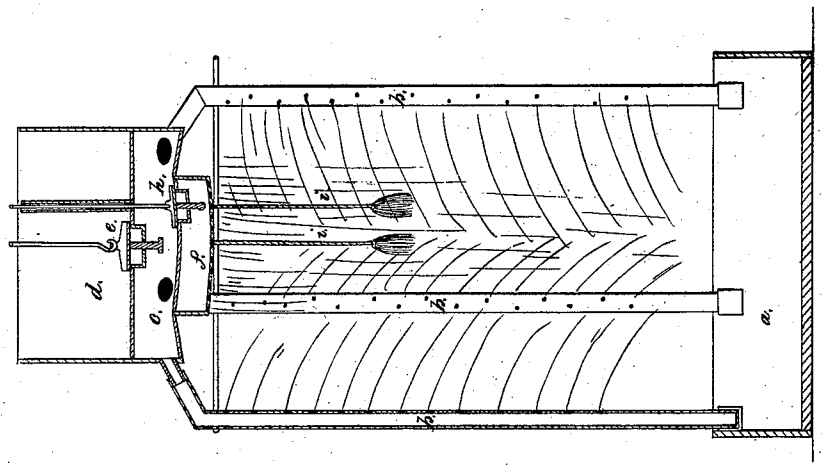
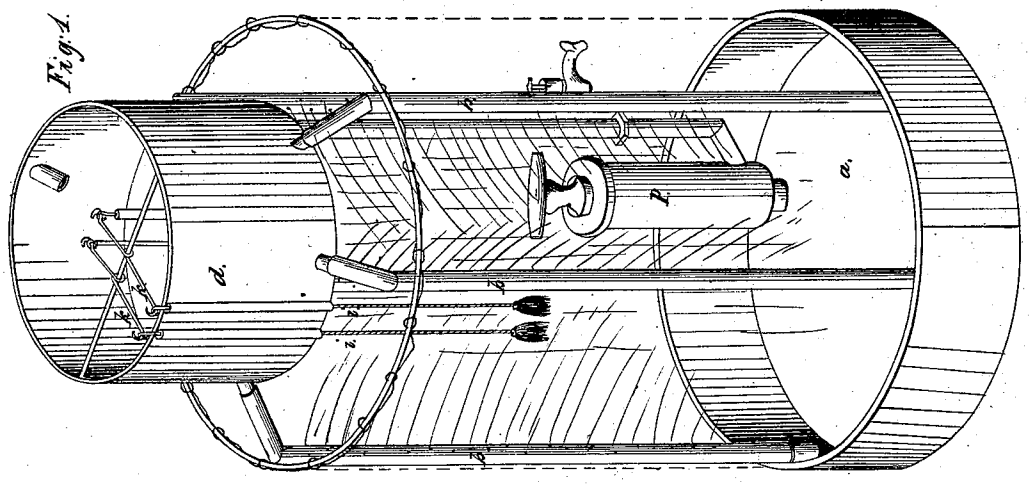


Fig. 1.



N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

H. H. KING, OF NEW YORK, N. Y.

SHOWER-BATH.

Specification of Letters Patent No. 4,949, dated February 1, 1847.

To all whom it may concern:

Be it known that I, H. H. KING, of the city, county, and State of New York, have invented a new and Improved Shower-Bath, and that the following is a full, clear, and exact description of the principle or character which distinguishes it from all other things before known and of the manner of making, constructing, and using the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view, and Fig. 2, a vertical section.

The same letters indicate like parts in both the figures.

The nature of my invention consists in constructing a shower bath with hollow standards pierced with holes so as to produce a jet of water on all sides (as well as the usual shower from above) which can be used separately or in conjunction with the said shower at will.

My bath consists of the following parts to wit: A basin or receiver (*a*) in which the person bathing stands, from which project upward four (more or less) hollow standards (*b*); the sides of these standards facing inward are pierced with a row of holes; their bottom ends are closed and their upper ends communicate with a chamber (*c*) in a reservoir (*d*) which they support. This reservoir has two bottoms between which said chamber (*c*) is situated, as clearly shown in the section Fig. 2; a valve (*e*) opens a communication between the reservoir and chamber and when open allows the water in said reservoir to flow down into the hollow standards (*b*) and thence out through the holes in the sides thereof and forming jets inward from each toward the center. Below the chamber (*c*) there is another (*f*) the bottom of which is pierced with fine holes. A communication is made into this by a second valve (*h*) which when raised gives a shower from above in the usual way. The valves are raised inside by cords (*i*) attached to levers (*k*) which are connected with the valve stems, or any other mechanical arrangement may be devised therefor. The water can be raised from the receiver to the reservoir by a force pump (*p*).

Having thus fully described my improvement, what I claim as my invention and desire to secure by Letters Patent is—

Constructing a shower bath with lateral jets formed by the vertical standards substantially in the manner and for the purpose described, but I do not claim forming an annular jet around the sides of the bath as that has before been but at an expense and inconvenience that rendered it impracticable.

H. H. KING.

Witnesses:

GILBERT ALLEN,

EDWD. HODGES.