

H.H. Craigie

Water Closet.

N^o 53,119.

Patented Mar. 13, 1866.

Fig. 2.

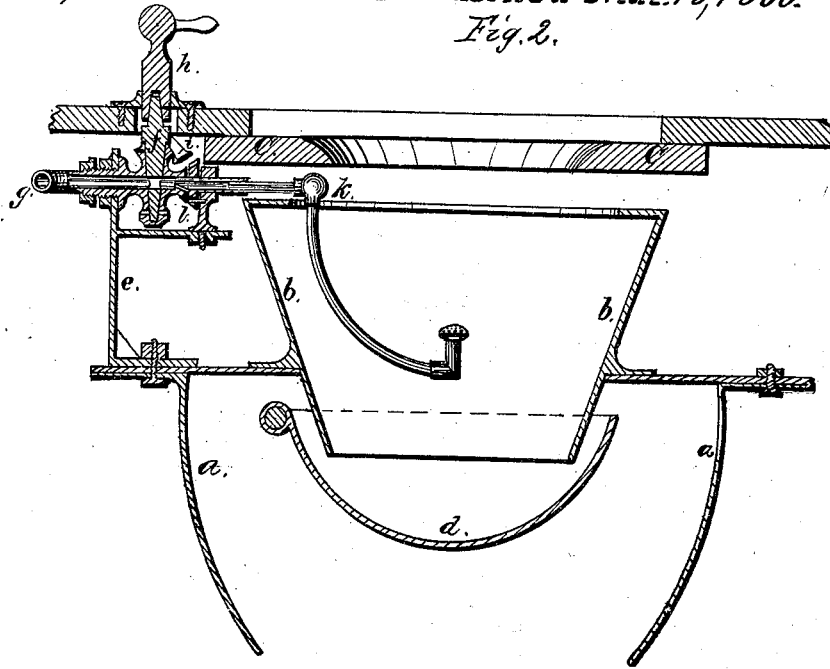
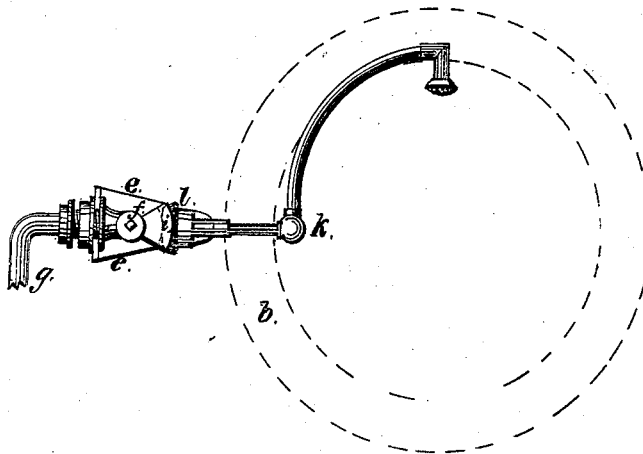


Fig. 1.



Witnesses:

Chas. V. Smith
Geo. D. Walker

Inventor:

H. H. Craigie.

UNITED STATES PATENT OFFICE.

HUGH H. CRAIGIE, OF NEW YORK, N. Y.

IMPROVEMENT IN WATER-CLOSETS.

Specification forming part of Letters Patent No. 53,119, dated March 13, 1866.

To all whom it may concern:

Be it known that I, HUGH H. CRAIGIE, of the city and State of New York, have invented, made, and applied to use a certain new and useful Improvement in Water-Closets; and I do hereby declare the following to be a full, clear, and exact description of the said invention, reference being had to the annexed drawings, making part of this specification, wherein—

Figure 1 is a plan of a closet fitted with said improvement, and Fig. 2 is a vertical section of the same.

Similar marks of reference denote the same parts.

Heretofore an apparatus has been made that is known as a "Bedett basin," in which a stationary pipe is fitted beneath a seat, so that a jet of water may be thrown on the person, for the prevention or cure of piles, and for otherwise cleansing and rendering healthy the parts. This character of basin, however, was not adapted to the general uses of a water-closet, and hence had to be fitted up as a separate device, adapted only to the aforesaid use.

The nature of my said invention consists in a movable pipe adapted to a water-closet of any desired construction, said movable pipe being so fitted that it can be turned into position for directing a jet of water upward upon the person, and when not in use is to be turned up out of the way, so that the water-closet will not be obstructed, but may be used in the ordinary manner.

In the drawings I have represented my improvement as applied to an ordinary basin or pan closet. In this *a* is the metal trunk; *b*, the porcelain basin. *c* is the seat, and *d* the pan, all of which parts may be of any desired character.

e is a standard affixed to the trunk *a* or other convenient support; and this standard carries a cock, *f*, to which is connected the supply-pipe *g*.

h is a key or handle by which to turn the cock *f*, and upon this is a toothed segment, *i*, taking a similar segment, *l*, upon the turn-

ing pipe *k*, at the end of which pipe *k* is a rose or jet perforation; and the segments *i* and *l* work together like bevel-gears, and the teeth separate from each other after the pipe *k* has been turned down.

It will now be seen that, the segment *i* being farther from the center of *f* than the segment *l* is from the center of *k*, the pipe *k* will receive about a quarter-rotation by about one-eighth turn of the handle *h*, and in so doing the curved pipe *k* will be brought from its normal horizontal position into a central position to the water-closet, so that the jets of water can be thrown vertically upon the person, and the teeth of the segments *l* and *i*, separating, leave the pipe *k* stationary, while the handle *h* can be turned for allowing the water to pass through the cock more or less freely, and thus regulate the force thereof.

I here remark that I do not limit myself to any particular mechanism for moving the pipe, or to the shape of the same, nor its mode of introduction to the water-closet, as the basin of the closet might be specially prepared for its insertion for use or withdrawal when not in use; or the water-pipe *k* may be turned down into position by one pull of handle, while the supply of water is regulated by a second handle or key; or, in the pan-closet, the aforesaid pipe for the water may be turned down in the movable pan and between it and the lower end of the porcelain basin, the parts being located within the trunk *a* instead of being outside, as shown.

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

A movable pipe for directing a jet or jets of water upward, as arranged in relation to a water-closet, substantially as and for the purposes specified.

In witness whereof I have hereunto set my signature this 19th day of October, 1865.

H. H. CRAIGIE.

Witnesses:

CHAS. H. SMITH,
GEO. D. WALKER.