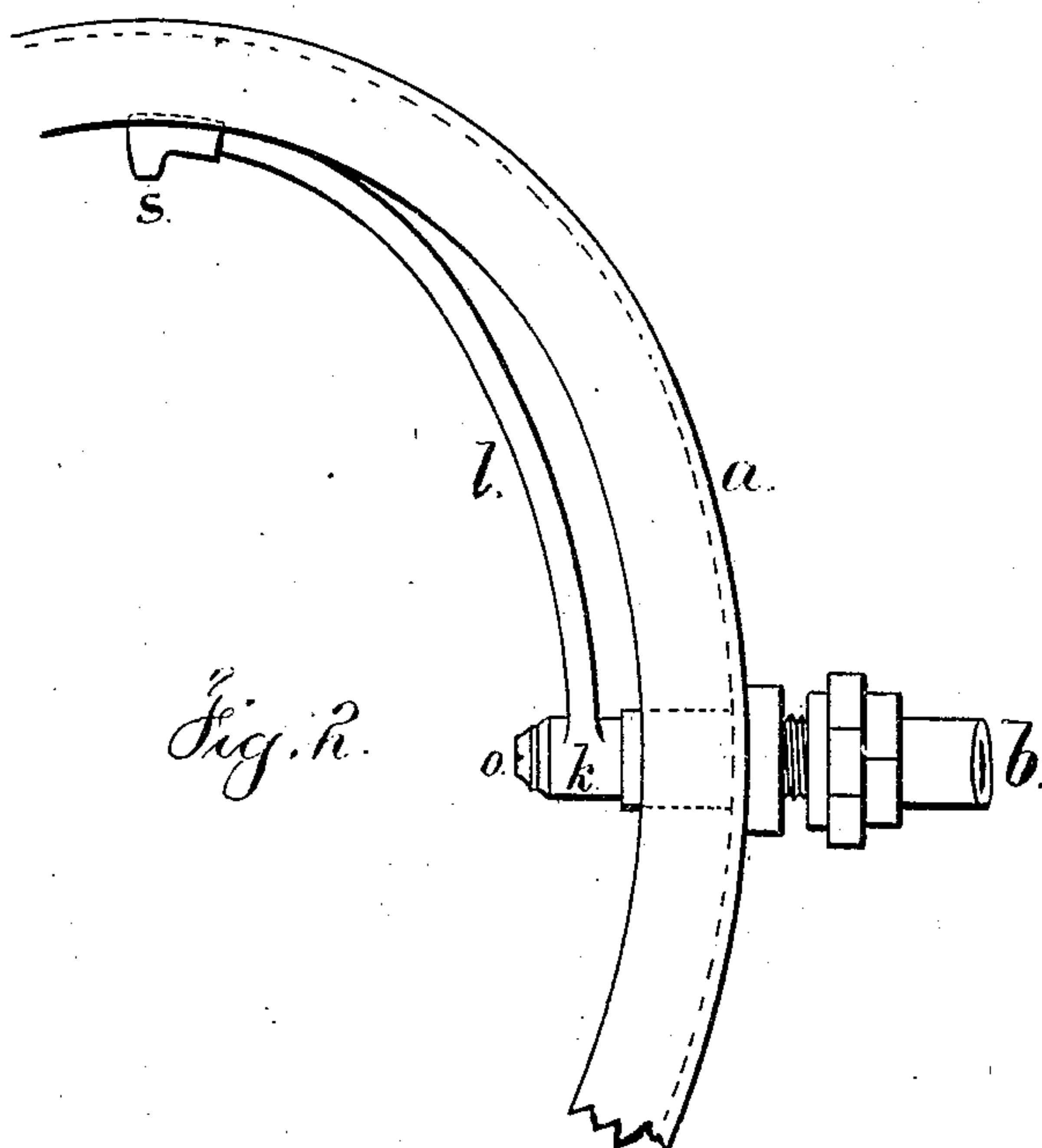
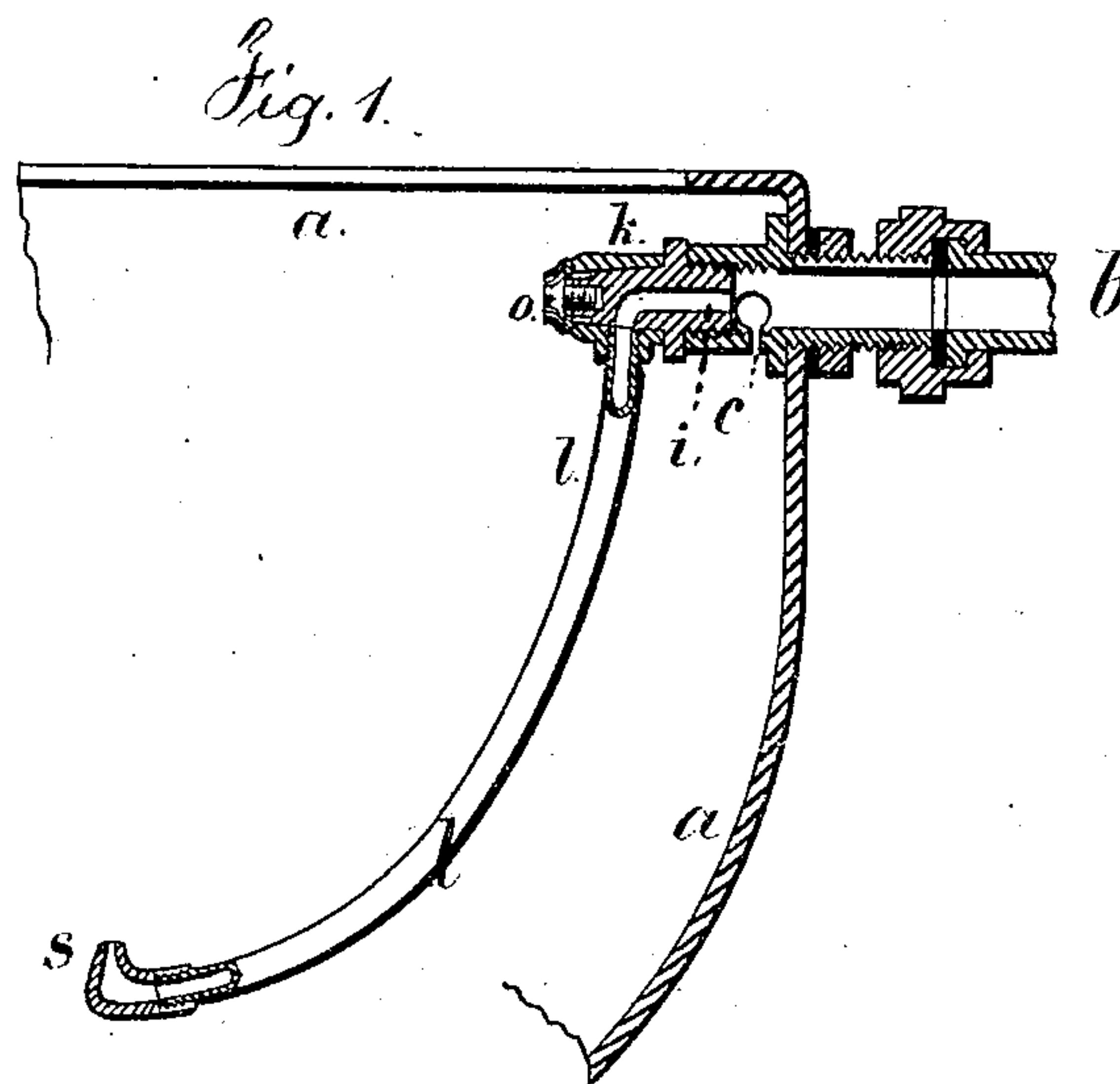


J. REID.
Bidet Water-Closets.

No. 206,484.

Patented July 30, 1878.



Witnesses

Chas. H. Smith
Geo. E. Pinckney

Inventor

John Reid
per Lemuel W. Serrell
att'y.

UNITED STATES PATENT OFFICE.

JOHN REID, OF BROOKLYN, ASSIGNOR TO THE J. L. MOTT IRON WORKS,
OF NEW YORK, N. Y.

IMPROVEMENT IN BIDET WATER-CLOSETS.

Specification forming part of Letters Patent No. **206,484**, dated July 30, 1878; application filed
June 17, 1878.

To all whom it may concern:

Be it known that I, JOHN REID, of Brooklyn, in the county of Kings and State of New York, have invented an Improvement in Bidet-Closets, of which the following is a specification:

Water-closets have been made in which a jet of water is directed against the person. These are usually known as "bidet-closets."

My invention is made for combining the bidet-jet with the ordinary water-closet, and dispensing with the special appliances usually provided for operating the jet.

I make use of a swinging tube connected with the spreader or deflector of the water-closet in such a manner that when turned down for use the water will be supplied for the bidet-jet through the same tube that supplied the spreader or deflector. By this improvement the jet of water continues to run as long as the basin is being washed, and the two streams of water are controlled by the same valve. This allows of the bidet attachment being used with any ordinary water-closet.

In the drawing, Figure 1 is a section of the basin and bidet attachment in position for use. Fig. 2 is a partial plan with the bidet attachment swung aside.

The basin *a* is provided with a supply water-pipe, *b*, and spreader or deflector *c*, of any usual character. I have represented the deflector or spreader as corresponding to that shown in Letters Patent No. 195,705.

There is a hole in the deflector into which is screwed the hollow plug *i*, and around its projecting tapering end is the tubular sleeve or barrel *k*, that is kept in place by a nut or screw, *o*. These parts are similar to the plug and barrel of a cock. From one side of the sleeve or barrel *k* the tube *l* passes off. It is

curved and terminates as a jet-nozzle, *s*, or rose. The shape of this tube is such that when not in use it may be turned up close to the top flange of the water-closet basin *a*, and when it is required for use it receives, with the barrel *k*, a quarter-revolution upon the plug *i*, which brings the jet tube or nozzle *s* vertically beneath the person, and central, or nearly so, to the water-closet. Hence, when the handle of the closet is raised for emptying the contents and allowing the water to run and wash the basin, the water also is projected in a jet or jets against the person, for the purposes usual in bidet-closets.

I remark that where the exit-passage from the hollow plug *i* is only in line with the pipe *l*, in the position for use, as shown in Fig. 1, the water will be shut off from the bidet attachment, when the same is turned up out of use.

I am aware that water-closets have been supplied with a bidet attachment consisting of a tube and jet that can be turned aside when not in use; but it has been distinct and separate from the spreader, and required a separate cock or valve from that which supplied water to the closet.

I claim as my invention—

The combination, with the deflector or spreader in a water-closet, of the plug *i*, barrel *k*, tube *l*, and nozzle *s*, constructed and applied substantially as set forth, whereby the bidet attachment receives its water through the same pipe as the water that washes the closet.

Signed by me this 14th day of June, A. D. 1878.

JOHN REID.

Witnesses:

PAUL MAGAN,
D. A. MUDGE.