

(No Model.)

2 Sheets—Sheet 1.

J. REID.
PORCELAIN WASH-OUT CLOSET.

No. 448,864.

Patented Mar. 24, 1891.

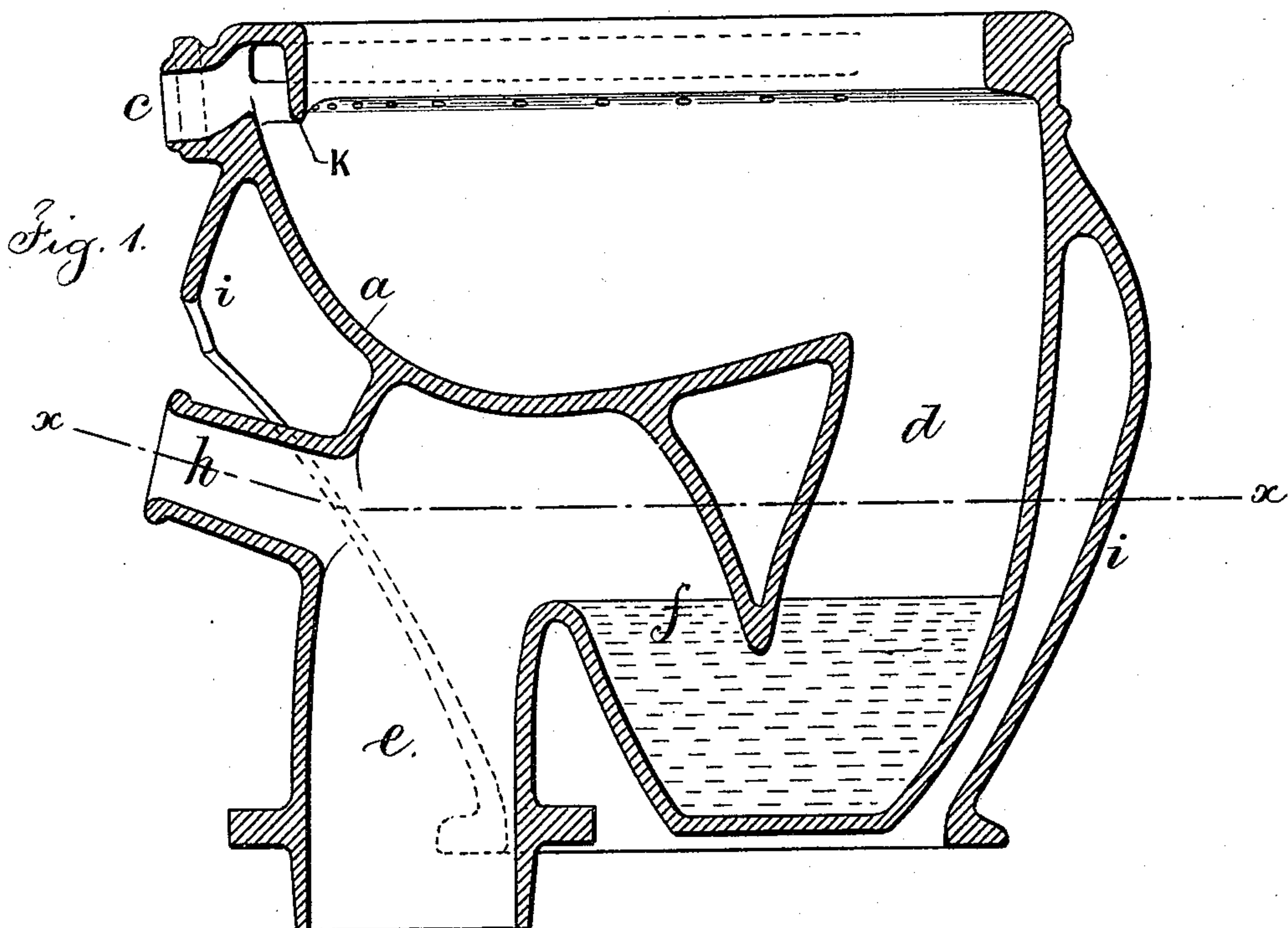
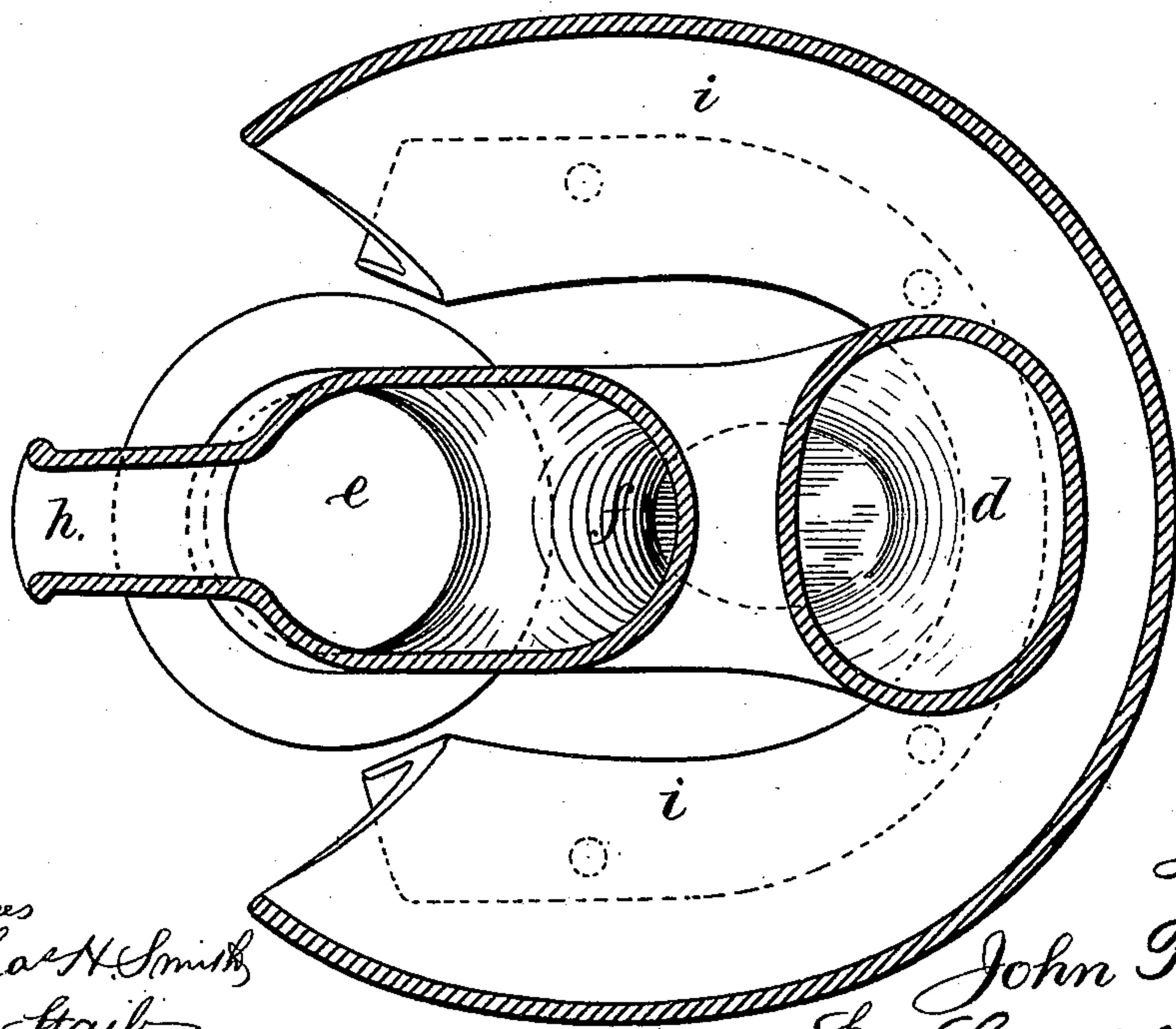


Fig. 2.



Witnesses
Chas. H. Smith
J. Stail

Inventor
John Reid
Per Lemuel W. Sewell

(No Model.)

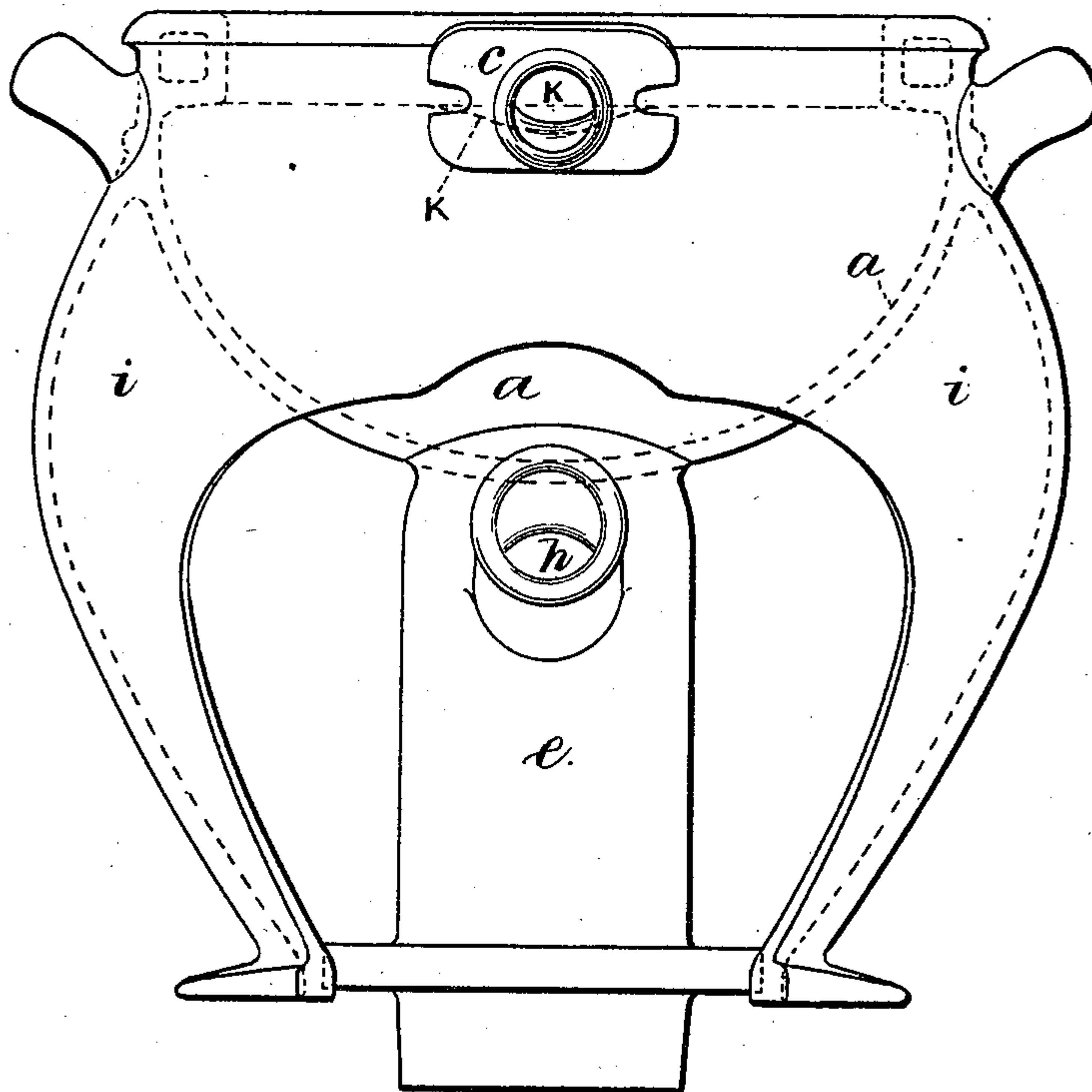
2 Sheets—Sheet 2.

J. REID.
PORCELAIN WASH-OUT CLOSET.

No. 448,864.

Patented Mar. 24, 1891.

Fig. 3.



Witnesses

Chas. H. Smith
J. Staib

Inventor

John Reid
per Lemuel W. Terrell

att

UNITED STATES PATENT OFFICE.

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

PORCELAIN WASH-OUT CLOSET.

SPECIFICATION forming part of Letters Patent No. 448,864, dated March 24, 1891.

Application filed September 20, 1890, Serial No. 365,630. (No model.)

To all whom it may concern:

Be it known that I, JOHN REID, a citizen of the United States, residing at Yonkers, in the county of Westchester and State of New York, have invented an Improvement in Porcelain Wash-Out Closets, of which the following is a specification.

In Letters Patent No. 416,856, granted to me December 10, 1889, a porcelain wash-out closet is represented in which there is a flushing-rim around the bowl and a skirt extending from the flushing-rim and bowl to the floor for supporting such closet and a trap below the bowl, there being an opening in the skirt at the back thereof and adjacent to the downward leg of the trap, which opening gives access to the interior of the skirt for making the connection at the floor between the escape-pipe and the sewer-pipe and for keeping the parts clean.

My present improvement relates to the same general character of closet, and is a modification of and improvement upon the device of the aforesaid patent; and it consists in the features of construction and combination hereinafter set forth and claimed.

In the drawings, Figure 1 is a section from front and back of the closet. Fig. 2 is a sectional plan at the line *x x*, and Fig. 3 is a rear elevation.

The bowl *a*, supply-pipe connections *c*, and trap formed of the legs *d* and *e*, which are nearly vertical, and the uptake *f* and the skirt *i*, are approximately similar to those represented in my aforesaid patent, and I remark that the external shape and ornamentation of the skirt *i* may be varied at will without altering my invention.

In my aforesaid patent the leg *d* is at the back of the closet, and the supply-pipe *c*, also being at the back of the closet, necessitates the use of the hollow flushing-rim extending around the upper part of the bowl from the supply-pipe to the place of delivery of the water, in order that such water may wash across the bottom of the bowl and carry the contents to the leg *d*.

In my present improvement and modifica-

tion I wholly or partially dispense with the flushing-rim by placing the leg *d* in the front portion of the closet, so that the water passing in by the pipe *c* may be discharged immediately and downwardly through the mouth or opening and behind a fan or deflector *K*, which causes the water to spread around the bowl sufficiently for cleansing the same; but the main body or rush of the water is directed across the bottom of the bowl and toward the downtake-leg *d*.

By this improvement the expense of construction is lessened, because it is not necessary to provide a hollow flushing-rim all around the bowl, and in addition to this the downtake-leg *d* being in the front of the closet renders it unnecessary to provide such a large opening in the skirt to give access to the interior of such skirt and the ventilating-pipe *h*, which is necessarily applied at the upper end of the leg *e*, is made much shorter and more direct than in cases where it has passed at the side of the leg *d*, and in addition to this access is given much more easily at the opening in the back of the skirt for packing the flange of the leg *e* where the same rests upon the floor, because such flange and the leg *e* are adjacent to the opening instead of being obscured by the downtake-leg *d*, as in my aforesaid patent. Hence this transposition of the parts and change in the construction renders the closet less expensive to construct, more easy to fit in place, and access is given to the interior of the skirt through a much smaller opening than was heretofore necessary.

I claim as my invention—

1. The water-closet formed of one piece of porcelain having a bowl with a surrounding and supporting skirt with an opening at the rear, the water-supply connection at the back, the downtake-leg *d* at the front and within the skirt, and the leg *e* of the trap adjacent to the opening at the rear of the skirt, substantially as set forth.

2. The water-closet formed of one piece of porcelain having a bowl *a*, surrounded and supported by the skirt, in which skirt is an

opening in the back, the downtake-leg *d* at the
front part of the closet and within the skirt,
the leg *e* of the trap at the back part of the
closet and adjacent to the opening of the
5 skirt, the supply-pipe connections *c*, and the
ventilating-pipe *h* upon the upper part of the
leg *e* and extending to the rear, substantially
as set forth.

Signed by me this 18th day of September,
1890.

JOHN REID.

Witnesses:

EDWARD HAMMANN,
MAX GOEBEL.