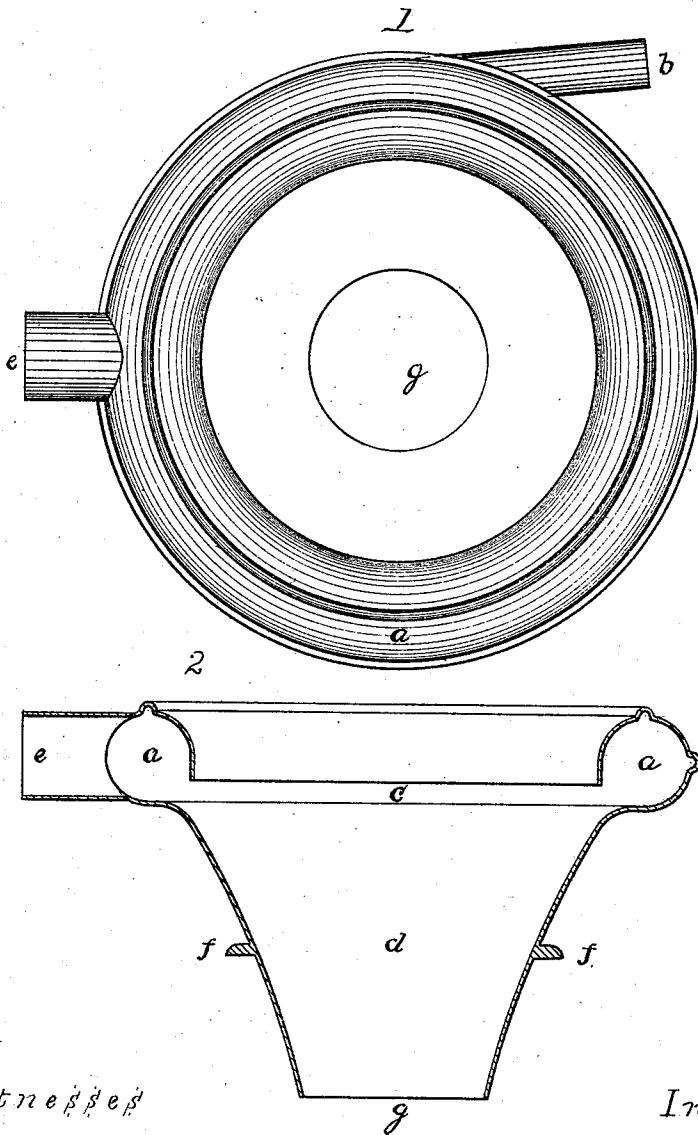


T. G. KNIGHT.
WATER-CLOSET BOWL.

No. 177,647.

Patented May 23, 1876



Witnesses

A. C. Wilder,

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Inventor

Thomas G. Knight

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UNITED STATES PATENT OFFICE

THOMAS G. KNIGHT, OF NEW YORK, N. Y.

IMPROVEMENT IN WATER-CLOSET BOWLS.

Specification forming part of Letters Patent No. 177,647, dated May 23, 1876; application filed February 29, 1876.

To all whom it may concern:

Be it known that I, THOMAS G. KNIGHT, of the city and county of New York, State of New York, have invented certain new and useful Improvements in Water-Closet Bowls; and to enable others skilled in the art to make the same, I will proceed to describe it, referring to the drawings, in which the same letters indicate like parts in each of the figures.

The nature of this invention will be fully understood from the accompanying specification and drawing.

The nature of this invention consists in forming odor-passages from an annular chamber formed around the rim of a bowl, having a conducting-pipe to connect with an exit-draft funnel.

In the accompanying drawings, Figure 1 is a top view of a bowl. Fig. 2 is a vertical sectional view.

a is an annular chamber, into which the water is introduced in the common way, and flows through the induction-pipe *b* in a circuitous and downward direction, and produces a spray through the annular elongated opening *c*, formed in close proximity with the body *d* of the bowl, whereby the exodus of the odor is facilitated through the draft-passage *c* and *e*

into a properly-formed funnel, and at the same time cleanses the bowl. *f* is a flange formed on the body of the bowl *d*, and serves the purpose of supporting it in proper position. *g* is the discharge-orifice, made in the common way.

This bowl is susceptible of various modifications as to size and shape, and is designed to be made of any suitable material, earthenware being the most common; and it is evident that while its shape is not sufficiently elaborate to materially, if at all, increase its cost over the article as now supplied to the market, its ventilating property adds greatly to its usefulness and value in a sanitary point of view, and supplies that quality in an efficient manner, and in a cheaper form than any device hitherto in use.

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

The closet bowl or basin *d*, provided with the annular chamber *a*, having an elongated slit opening, *c*, the odor-exit pipe *e*, and water-induction pipe *b*, substantially as described.

THOMAS G. KNIGHT.

Witnesses:

J. W. BLISS,
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