

J. V. MATHIVET.

Ventilating Water-Closet Bowls.

No. 138,267.

Patented April 29, 1873.

Fig. 1.

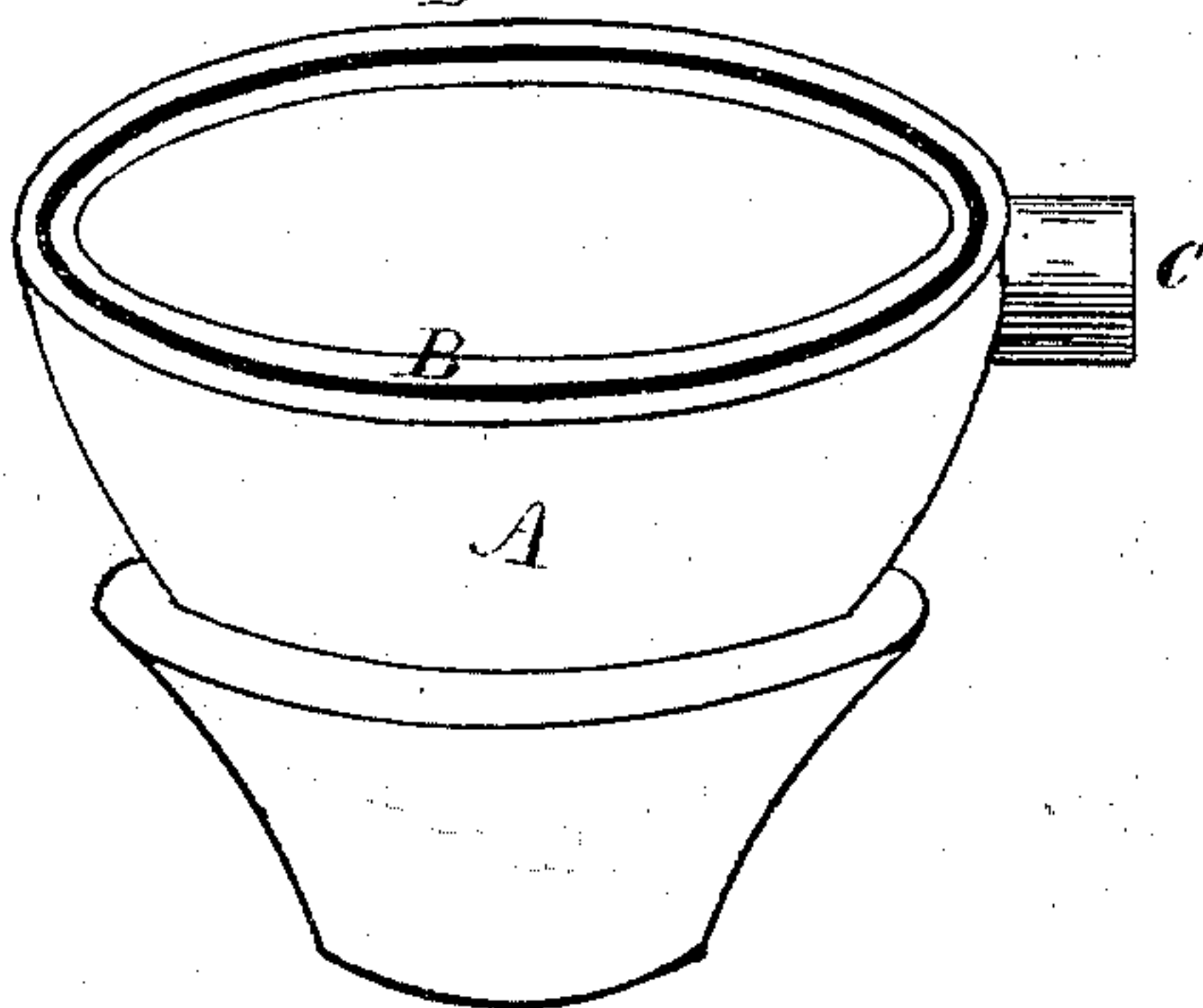
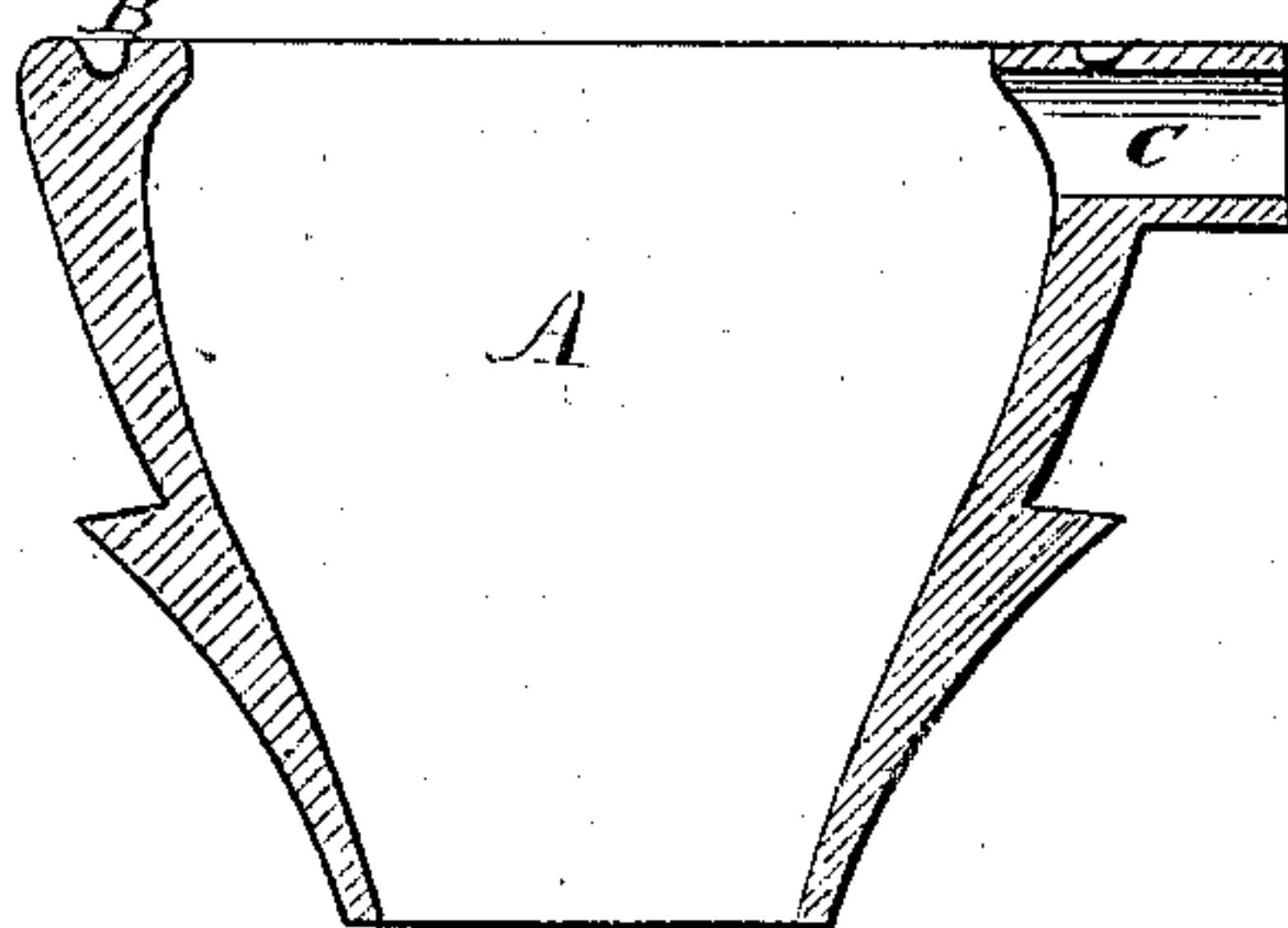


Fig. 2.



WITNESSES.

Geo. W. F. F. F. F.

James Mathon

INVENTOR.

J. V. Mathivet

UNITED STATES PATENT OFFICE.

J. VICTOR MATHIVET, OF CLEVELAND, OHIO.

IMPROVEMENT IN VENTILATING WATER-CLOSET BOWLS.

Specification forming part of Letters Patent No. **138,267**, dated April 29, 1873; application filed March 7, 1873.

To all whom it may concern:

Be it known that I, J. VICTOR MATHIVET, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented a new and useful Ventilating Water-Closet Bowl, of which the following is a specification.

This improvement consists in the combination, with a water-closet bowl having a thickened upper edge, in which a groove is formed to receive a strip of suitable packing to form an air-tight joint between the bowl and seat, of an outlet-pipe at the top of the bowl, just under the seat and at the rear side, connecting with a suitable flue or pipe in the wall of the building and leading upward out into the open air, whereby a ventilating draft is created for carrying off the foul air and preventing the stench from pervading the room, thus rendering water-closets much less objectionable.

The following is a description of its construction and operation:

Referring to the drawing, Figure 1 is a perspective view of the above-mentioned bowl. Fig. 2 is a vertical section of the same.

A represents a water-closet bowl, made in the usual form, except that the top edge is made thicker and is provided with a groove, B, for the purpose of inserting a strip of suit-

able packing to make an air-tight joint between the said bowl and the seat-board which lies over it. C is an outlet-pipe, which is to lead to a flue or pipe in or attached to the wall of the room for conducting off the effluvia from the bowl. This will be readily effected by the draft of air caused by said flue, and when the lid of the seat is raised the draft is inward through the seat, so that none of the foul air escapes into the room, but is carried off, thereby forming a perfect ventilator for the water-closet, and thus removing the most objectionable feature in connection with water-closets.

I claim—

In a water-closet bowl having a thickened upper edge, the combination of the groove B and packing and the outlet-pipe C, for the purposes respectively of forming an air-tight joint between the bowl and seat, and for ventilating the bowl in such manner as to prevent the escape of odors into the apartment, substantially as described.

J. V. MATHIVET.

Witnesses:

GEO. A. KOLBE,
AUG. G. KIEL.