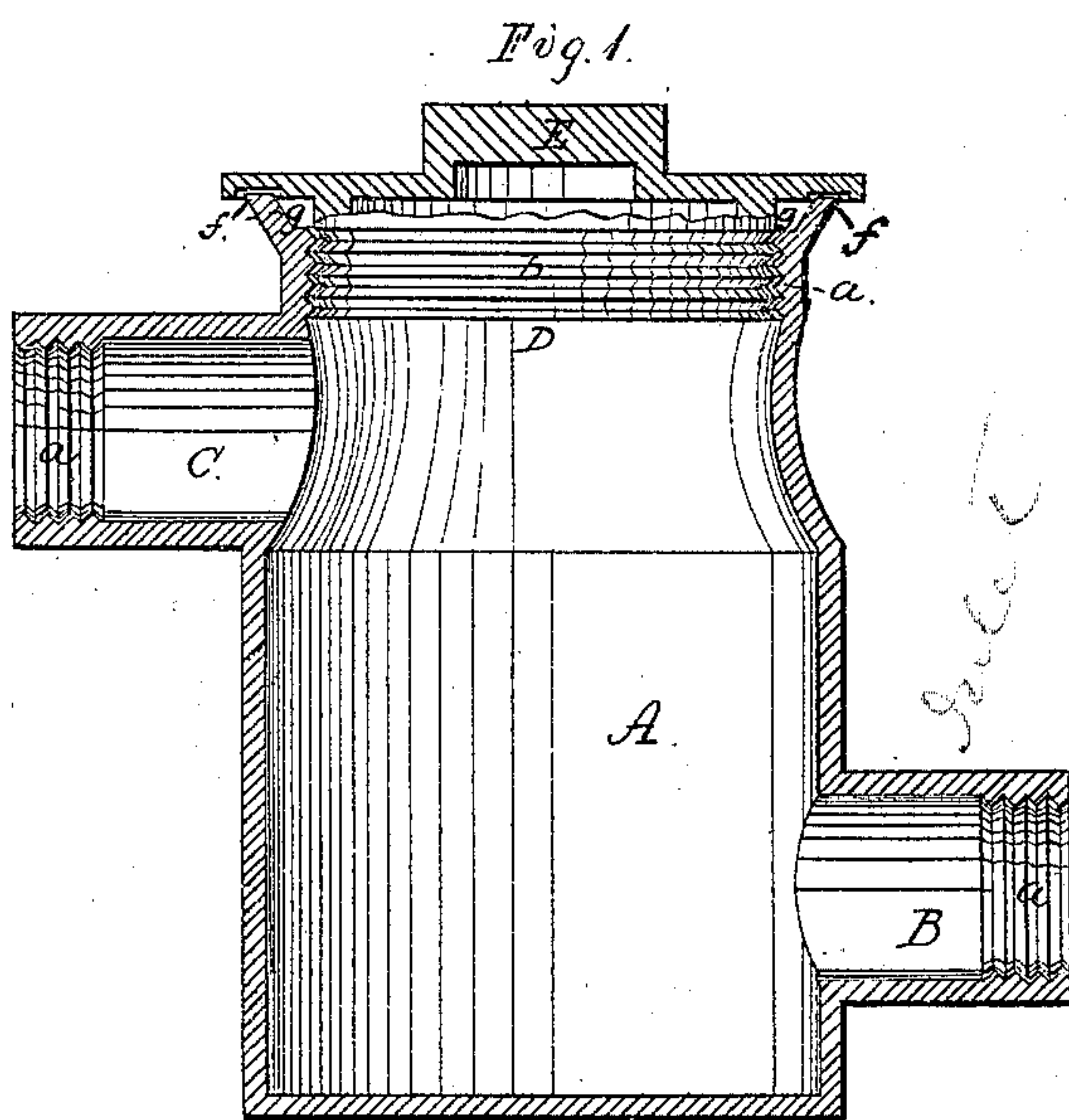


P. W. DOHERTY.

Stench-Traps.

No. 134,652.

Patented Jan. 7, 1873.



Witnesses.  
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Robert M. Davis.

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per Brown Bros.  
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# UNITED STATES PATENT OFFICE.

PATRICK W. DOHERTY, OF BOSTON, MASSACHUSETTS.

## IMPROVEMENT IN STENCH-TRAPS.

Specification forming part of Letters Patent No. **134,652**, dated January 7, 1873.

*To all whom it may concern:*

Be it known that I, PATRICK W. DOHERTY, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Stench-Traps; and that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing.

The present invention relates to stench-traps for the escape-pipe of sinks, and wash-basins more especially; and the invention consists of a combination of parts, as hereinafter fully explained.

In the accompanying drawing my improvements in stench-traps are illustrated, Figure 1 being a central vertical section of a stench-trap made according to my invention.

A in the drawing represents a chamber or vessel comprising my stench-trap, to which B is the inlet and C the outlet opening, the openings B and C being, respectively, located, the one at or near the lower end of the chamber, and the other at or near its top; D, an opening in upper end of chamber A, which opening is closed by a stopper, E. The inlet and outlet openings B and C and stopper-opening D are all provided with a female-screw

thread, *a*, which screw-thread is formed at the same time the chamber-body is cast, iron being the metal most preferable. The stopper E has a male-screw thread flange, *b*, to screw into the screw-threaded stopper-opening D; and at and around the joint *f*, between the stopper E and opening D, the packing of lead, leather, or other suitable material is to be used. This opening D at the joint is crown or bell shape, as shown, leaving an inner space, *g*, into which the packing sets.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The stench-trap A formed with the bell-shaped opening D and packing-seat *g*, in combination with the screw-stopper E, joint *f*, and inlet and outlet orifices B C, the several parts being constructed and arranged as herein shown and set forth.

The above specification of my invention signed by me this 13th day of June, A. D. 1872.

PATRICK W. DOHERTY.

Witnesses:

EDWIN W. BROWN,  
J. P. McELROY.