

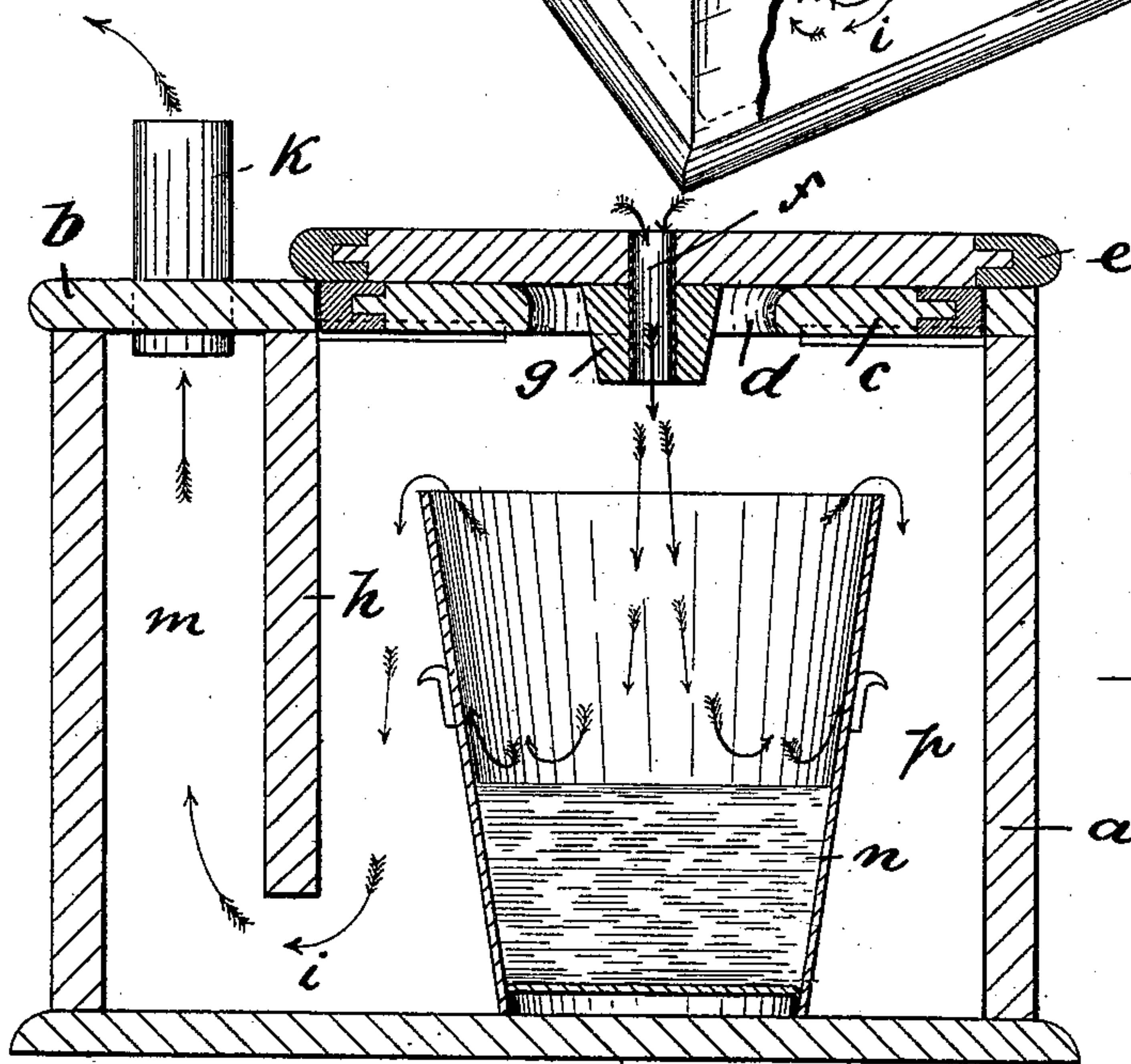
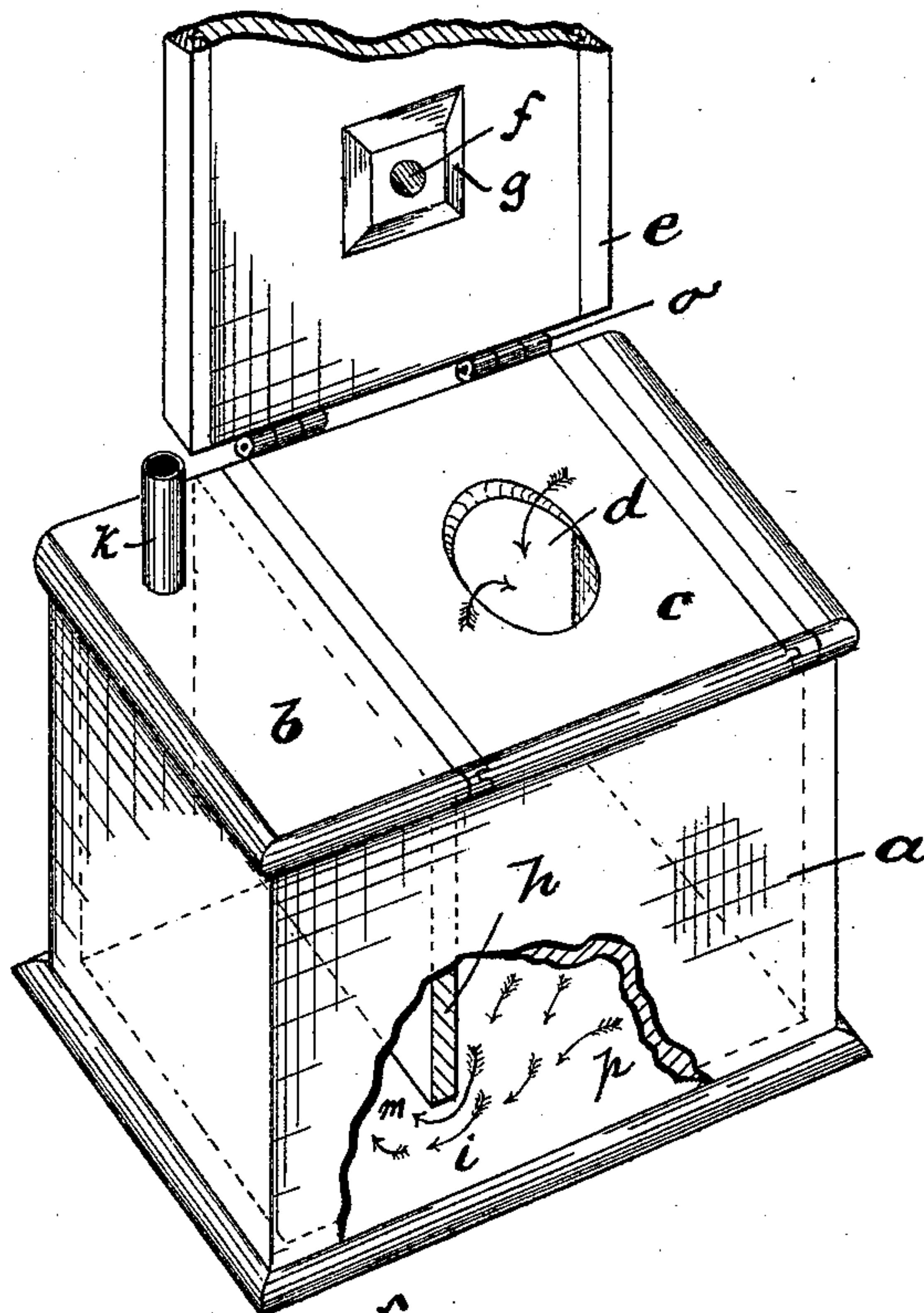
(No Model.)

E. LESLIE.  
COMMODE.

No. 529,076.

Patented Nov. 13, 1894.

*Fig. 1.*



*Fig. 2.*

WITNESSES:

Wm. D. Bell.  
D. M. Robertson.

INVENTOR :

Edward Leslie

BY

Partner & Co

ATTORNEYS.



# UNITED STATES PATENT OFFICE.

EDWARD LESLIE, OF PATERSON, NEW JERSEY.

## COMMODOE.

SPECIFICATION forming part of Letters Patent No. 529,076, dated November 13, 1894.

Application filed January 6, 1894. Serial No. 495,978. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD LESLIE, a subject of the Queen of Great Britain, residing in Paterson, county of Passaic, and State of New Jersey, have invented certain new and useful Improvements in Commodes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of my present invention is to provide an odorless commode for sick rooms, hospitals and in general for such places where sewer connections are impracticable, of simple and durable construction and efficient in operation.

The invention consists in the improved odorless commode and in the combination and arrangements of parts, substantially as will be hereinafter more fully described and finally embodied in the clauses of the claims.

In the drawings in which like letters of reference indicate corresponding parts in the two figures: Figure 1 is a perspective view of my improved commode, the lid being opened, and Fig. 2 an enlarged transverse section through the same, the lid being closed down.

In said drawings *a* represents a receptacle provided with a securely fastened top *b* and the hinged seat *c* having the opening *d*. The lid *e* hinged as at *o* is provided approximately at its center with a downwardly extending tube *f* registering with and adapted to enter into and through the opening *d* of seat *c*, and is by preference arranged in a strengthening block *g*, as clearly shown. At or near the inner end of the fixed top *b* is arranged a partition plate or wall *h*, extending downward to within a short distance of the bottom of the receptacle, and thus provides in said receptacle separate chambers *m* and *p* communicating with each other through the opening *i*. A tube or pipe *k* penetrates the top *b* (being the top of chamber *m*) and is connected in any desired manner with the chimney or with any other convenient source of exhaust.

A pail or receptacle *n* is placed within the chamber *p* and below the opening *d* of seat *c*.

In operation the air contained in the chamber *m* is exhausted through the tube or pipe *k* into the chimney, thus reducing the atmos-

pheric pressure in the said chamber *m* and also in the communicating chamber *p*, causing an inflow of air through tube *f*. The said current will strike the surface of the contents of the pail and combined or mixed with the odors of the same will then pass up and over the edge of said pail and through the opening *i* into the chamber *m*, from where it is exhausted again through tube or pipe *k* into the chimney. The circulation is indicated by the arrows in Fig. 2. of the drawings.

To insure a perfect circulation the upper edge of the pail must be considerably above the opening *i*.

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

1. In a commode or other excretion receptacle, the combination with the hinged seat, of a lid arranged on said seat and hinged to the receptacle, a tube in said lid and extending through said seat into the said receptacle, a partition arranged in the receptacle and extending downward to about the bottom thereof and an exhaust communicating with the interior of the receptacle through the opening left between its bottom and the partition, all said parts, substantially as and for the purposes described.

2. The combination with the commode or other excretion receptacle, of a partition plate dividing said receptacle into two compartments communicating with each other at or near the bottom of said partition plate, a seat hinged to said receptacle, a hinged lid arranged on one of said compartments, and on top of said hinged seat, a tube arranged in said lid and extending downward into said receptacle, a fixed top arranged on the other compartment, a tube or pipe connecting the latter with an exhaust, and a pail or receptacle placed in the compartment having the hinged lid, all said parts being so arranged that the upper edge of the pail in the receptacle is above the opening in the partition or wall, substantially as and for the purposes described.

In testimony that I claim the foregoing I have hereunto set my hand this 4th day of January, 1894.

EDWARD LESLIE.

Witnesses:

ALFRED GARTNER,  
WM. D. BELL.