

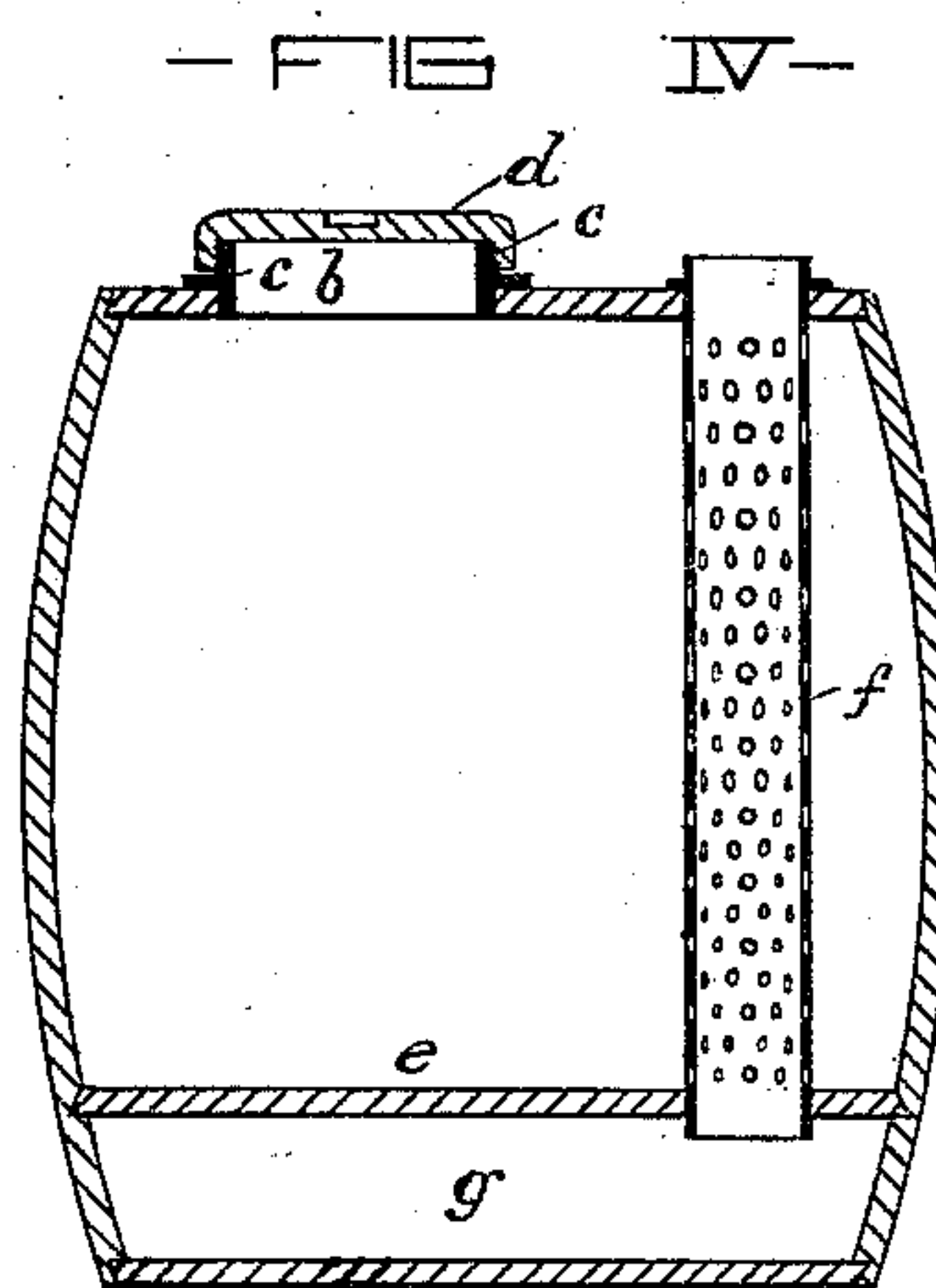
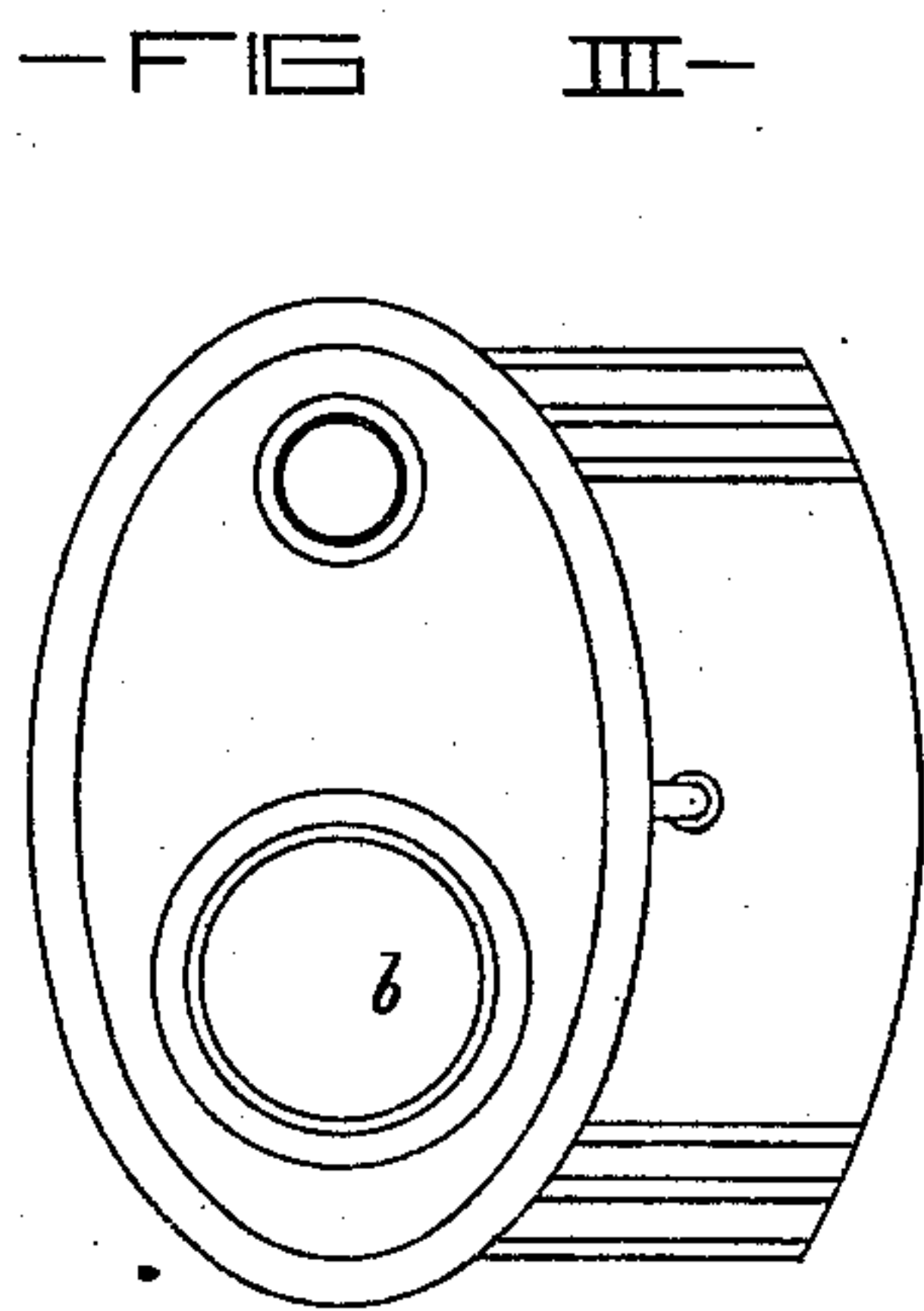
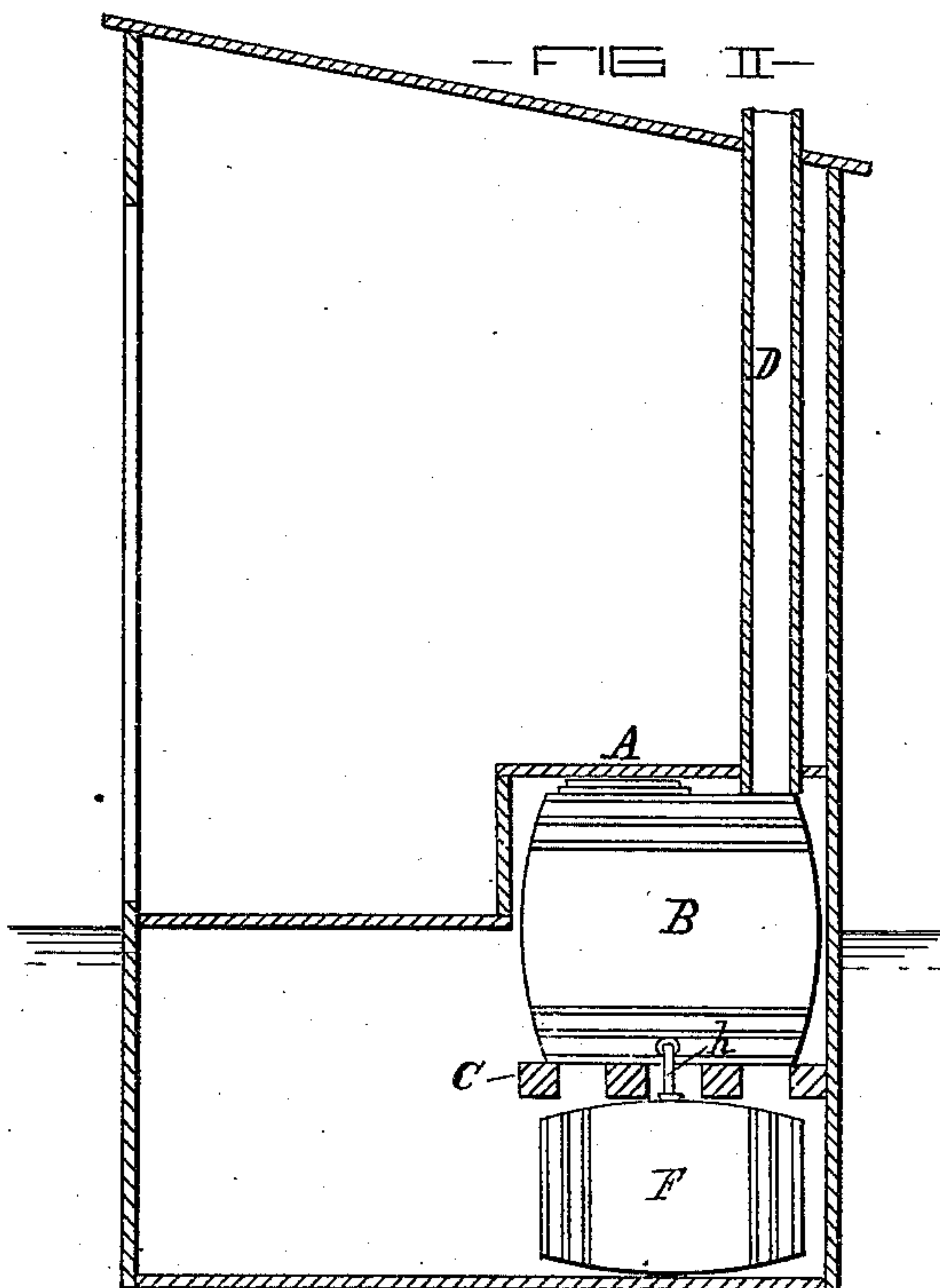
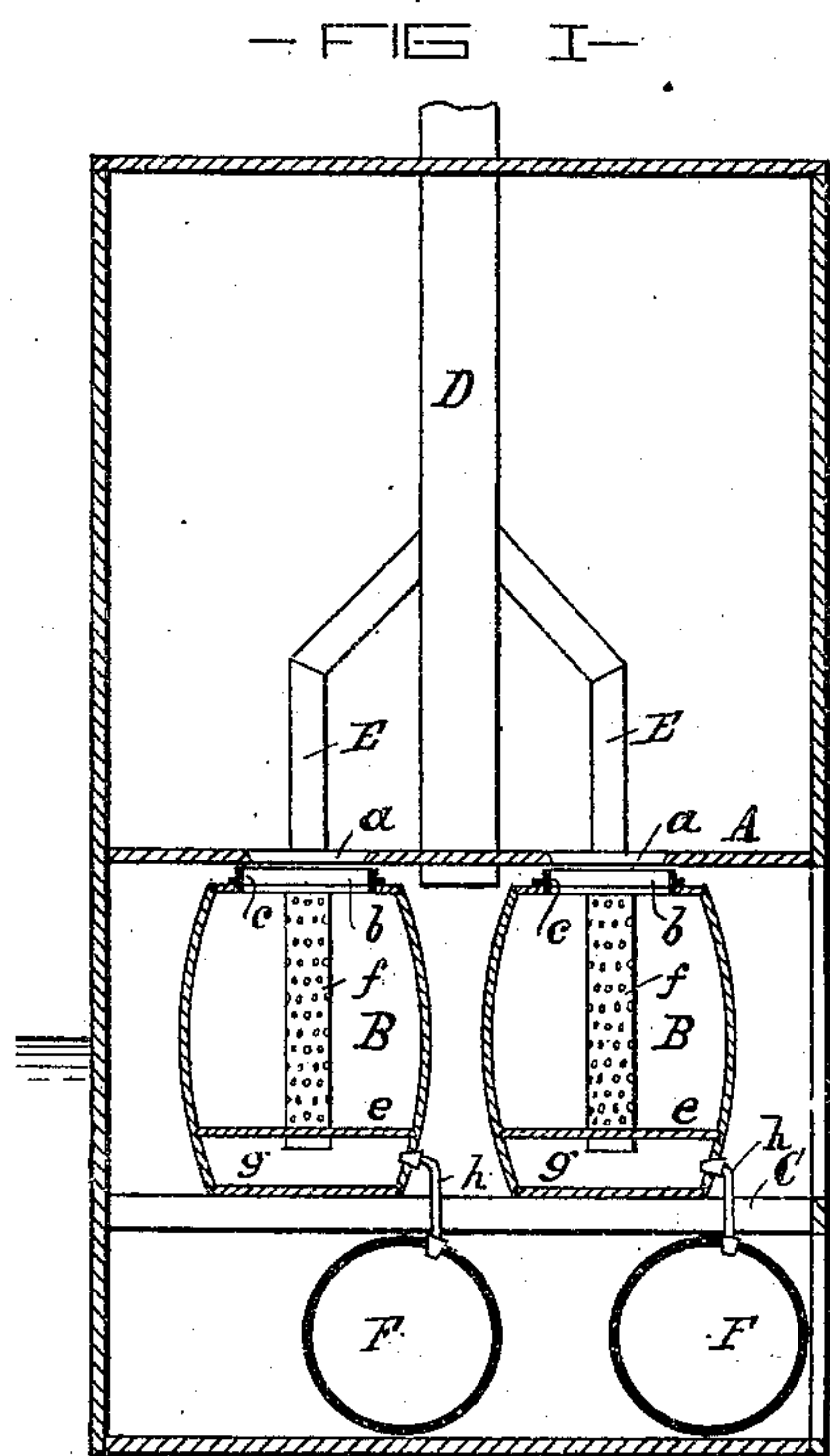
(No Model.)

F. BAUER & D. T. KENNEY.

PRIVY AND ITS ATTACHMENTS.

No. 273,439.

Patented Mar. 6, 1883.



— WITNESSES —

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— INVENTORS —

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UNITED STATES PATENT OFFICE.

FRANCIS BAUER AND DANIEL T. KENNEY, OF BALTIMORE, MARYLAND.

PRIVY AND ITS ATTACHMENTS.

SPECIFICATION forming part of Letters Patent No. 273,439, dated March 6, 1883.

Application filed June 7, 1882. (No model.)

To all whom it may concern:

Be it known that we, FRANCIS BAUER and DANIEL T. KENNEY, both of the city of Baltimore and State of Maryland, have invented certain Improvements in Privies and Their Attachments, of which the following is a specification.

This invention consists in combining with the seat of the privy a series of removable barrels, which receive the night-soil and separate the same into its solid and liquid constituents, whereby the said material may be easily removed without offense and in a condition to be manufactured into a fertilizing compound without the usual manipulation to expel the superabundance of moisture.

In the further description of our invention which follows reference is made to the accompanying drawings, forming a part hereof, and in which—

Figure I is a sectional view in perspective of the improved privy, and Figs. II, III, and IV are views of details of the same.

Similar letters of reference indicate similar parts in all the views.

A is the seat, having the usual perforations, *a*, and B B are barrels situated beneath the seat A and sustained by a platform, C. The upper heads of the barrels B have openings *b*, which, when in place, are directly below the apertures *a* in the seat, and the said openings are surrounded by threaded flanges *c*, which admit of caps *d* being secured thereon when the filled barrels are to be removed. The caps *d* may be secured in any other suitable way, if desired, as our invention does not comprise any improvements in means for closing barrels for the reception and transportation of night-soil. Each of the barrels B has a false bottom, *e*, and a perforated pipe, *f*, extending therefrom through the upper head, which pipe is adapted to be closed in a similar manner to the openings *b*.

D is a ventilating-pipe leading from below the seat A to above the privy-roof, and, if possible, to a chimney or flue, to carry off the noxious gases from beneath the seat and from the interior of the barrels, as hereinafter described.

E E are secondary ventilating-pipes, which connect the perforated pipes *f* with the main ventilating-pipe D. It will be understood that the pipes *f* project through the heads of the barrels B, (see Fig. IV), and that the pipes E are large enough to pass over the projecting ends.

F F are drainage-barrels placed under the platform C and connected to the spaces *g* below the false bottom *e* by means of removable pipes *h*, which are preferably made of india-rubber. These pipes may have cocks therein, if such devices are found necessary, and to make them susceptible of removal, as before stated, they have conical plugs at their ends, which are inserted in the barrels B and F, and held in place by friction only. As the barrels B are filled with night-soil the watery constituent thereof filters through the perforations in the pipes *f* to the space *g*, and passes thence through the india-rubber pipes *h* to the barrels B. It will be understood that the noxious gases from the barrels F and B during the filling operation escape through the pipes *f*, E, and D to the outer air or into a chimney or flue, as the case may be. The pipes E can be arranged to connect directly with the outer air or a chimney, instead of with the pipe D. When a barrel becomes filled it is removed from the privy and closed, so as to allow of its transportation. To admit of the barrels the privy is provided with suitable doors.

We claim as our invention—

1. In combination with the seat A, the platform C and removable barrels B and F, adapted for connection, the ones B being provided with a false bottom, *e*, and a perforated pipe, *f*, substantially as specified.

2. In combination with the seat A, the barrels B, ventilating-pipe D, and ventilating-pipes E, substantially as specified.

FRANCIS BAUER.
DANIEL T. KENNEY.

Witnesses:

JOHN WILLIAMS,
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