

(No Model.)

2 Sheets—Sheet 1.

W. D. OVER.
DRY CLOSET.

No. 476,166.

Patented May 31, 1892.

Fig. 1.

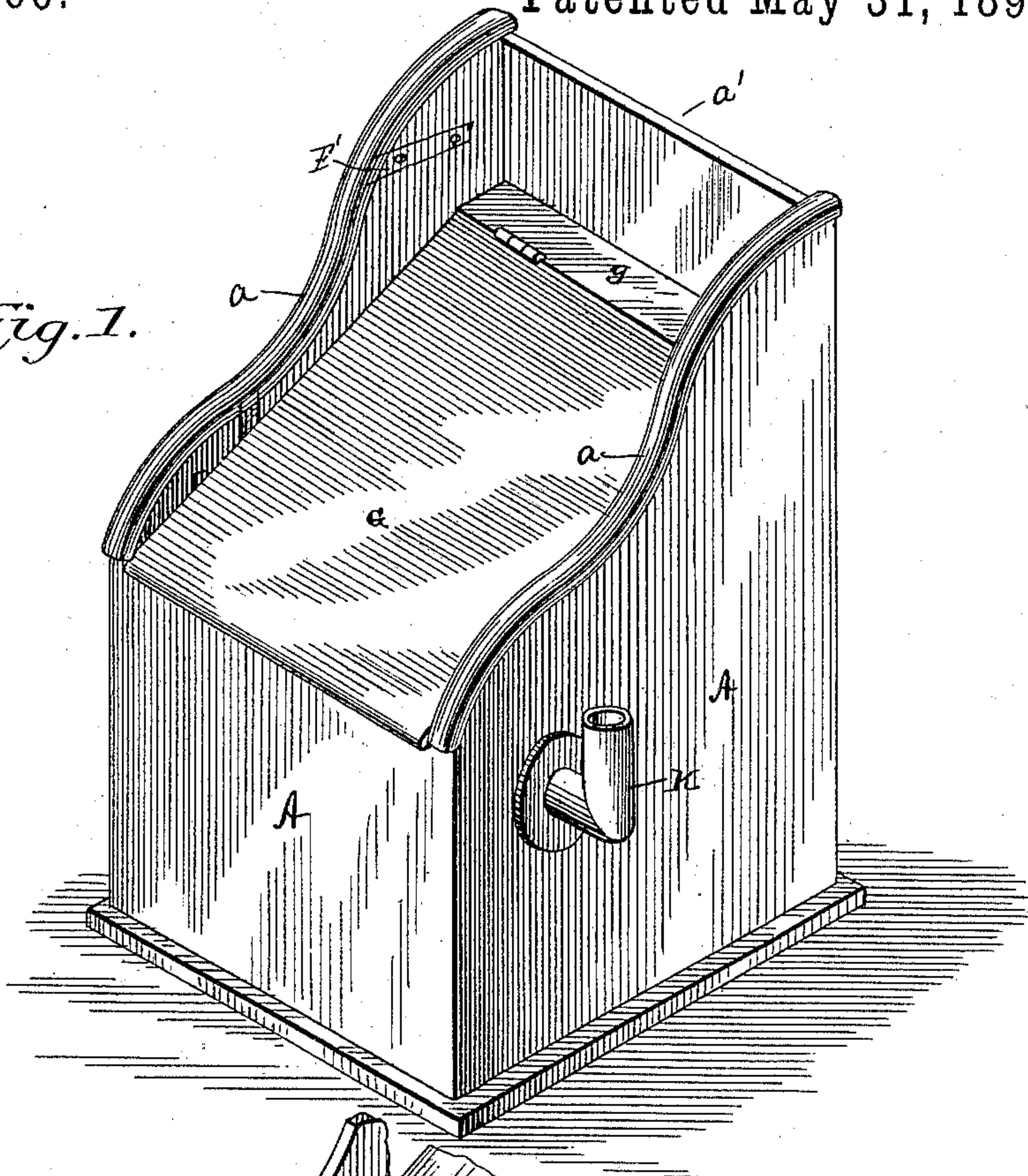
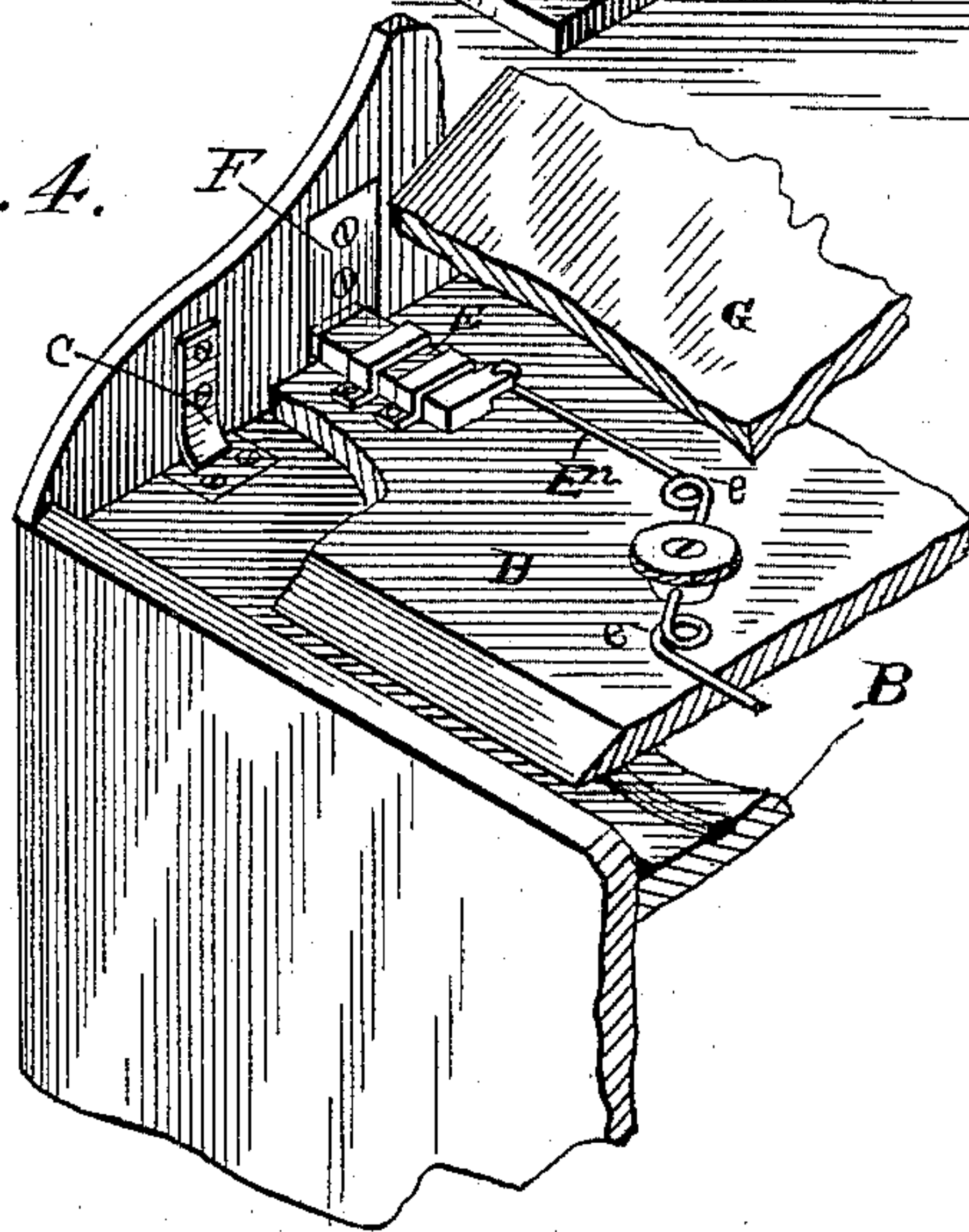


Fig. 4.



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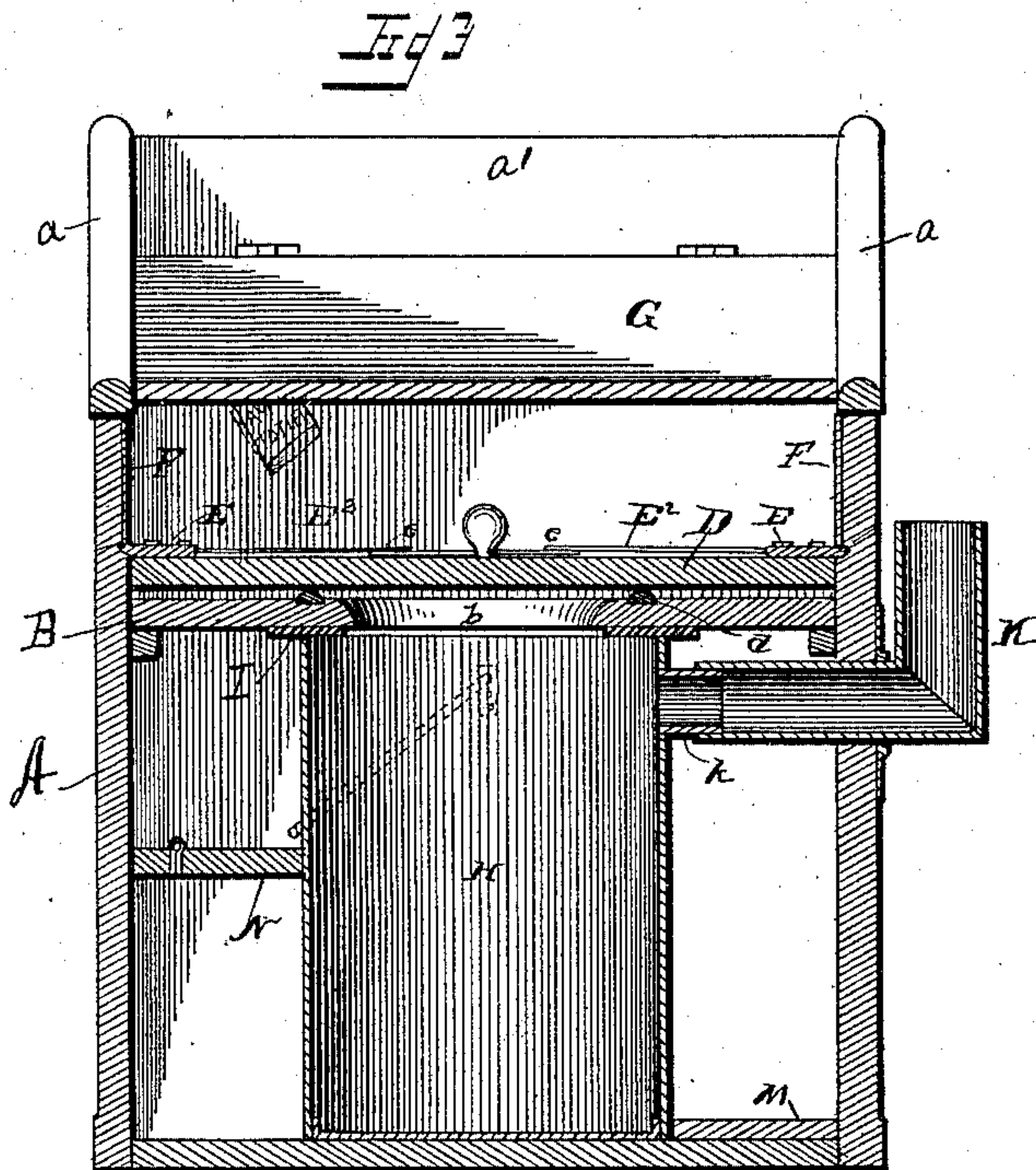
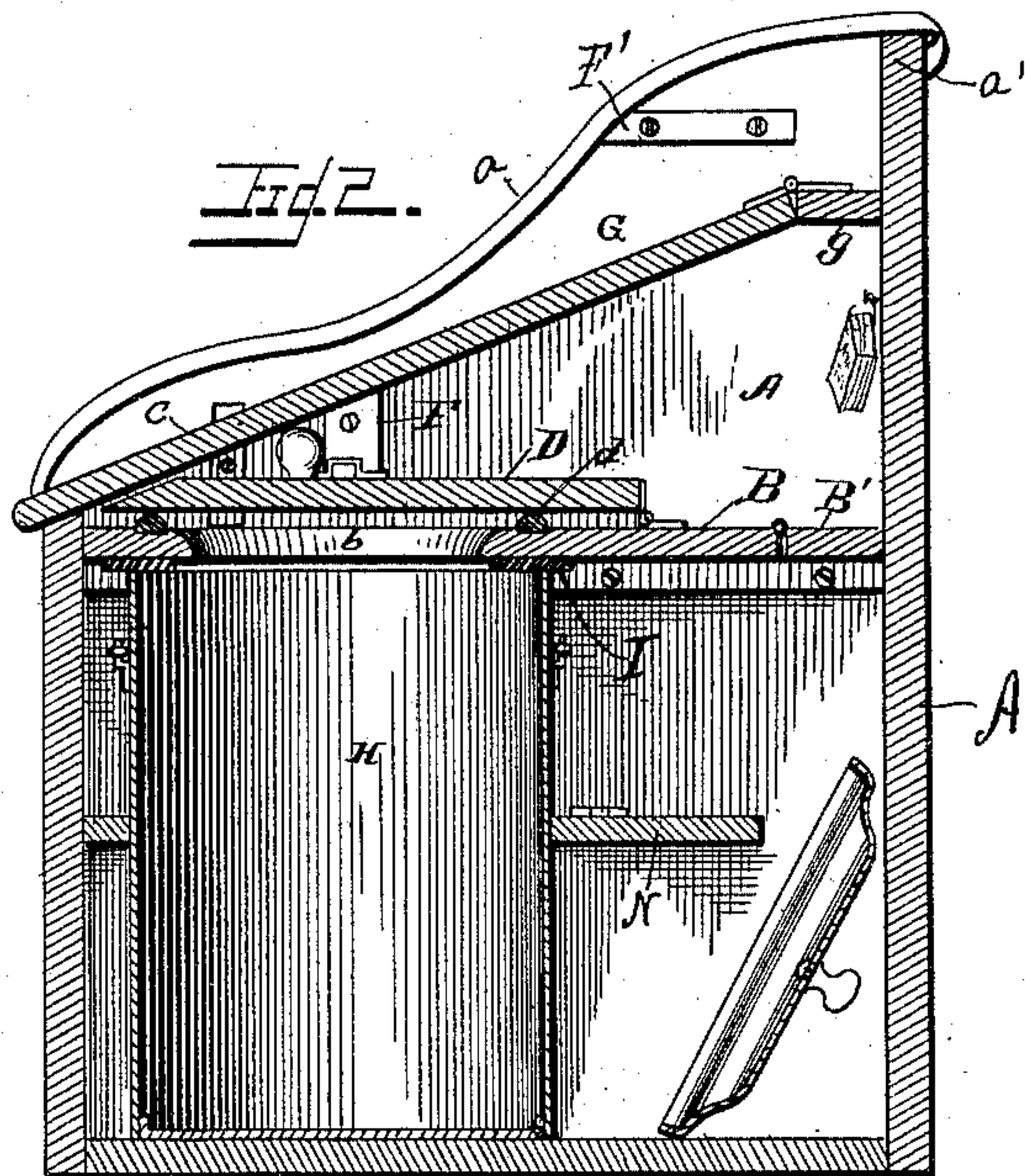
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2 Sheets—Sheet 2.

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DRY CLOSET.

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Witnesses

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UNITED STATES PATENT OFFICE.

WILLIS D. OVER, OF BRYAN, OHIO.

DRY CLOSET.

SPECIFICATION forming part of Letters Patent No. 476,166, dated May 31, 1892.

Application filed July 7, 1891. Serial No. 398,651. (No model.)

To all whom it may concern:

Be it known that I, WILLIS D. OVER, of Bryan, in the county of Williams and State of Ohio, have invented certain new and useful
5 Improvements in Dry Closets; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the letters of
10 reference marked thereon.

This invention relates to improvements in that class of dry closets which contain a fecal receptacle or jar adapted to be removed when filled, the whole device being preferably of a
15 neat compact form, enabling it to be used indoors or in a sick-room.

The objects of the invention are not only to provide an exceedingly neat compact structure which will have a neat appearance, but
20 to provide a device of this character from which not the least particle of smell can escape into the room when not in use and from which the fecal matter may be removed with the greatest facility.

25 The invention consists in certain novel details of construction and combinations and arrangements of parts to be hereinafter described, and pointed out particularly in the appended claims.

30 Referring to the accompanying drawings, Figure 1 is a small perspective view of the preferred form of closet closed. Fig. 2 is a section through the center from front to rear. Fig. 3 is a section at right angles to Fig. 2,
35 looking toward the front. Fig. 4 is a detail of one corner with parts broken away to show underlying parts more clearly.

Like letters of reference indicate the same parts in all the figures.

40 A indicates the casing, preferably rectangular in cross-section and having side arms and a back *a a'*, respectively, which rise some distance above the seat. The seat proper B, which has the opening *b* therein, is hinged to
45 a back piece *B'* and fits down preferably inside of the casing, being held in such position by catches *c*, located at each side, for a purpose to be presently explained. Hinged to the seat B is a cover D, adapted to close down
50 over the opening, and with co-operation of the elastic ring *d*, surrounding the opening, forming an air-tight closure, which effectually pre-

vents the escape of any smell through the opening. This cover D is held down tightly upon the elastic gasket by means of the
55 catches, consisting, essentially, of two shooting bolts E, mounted on the top of the cover and adapted to engage in the recess formed in or below the plates F on each of the side arms. Plates F are extended up to the edge
60 of the arms to form wear-plates for the bolts, and similar plates *F'* are provided at the top of the side arms with which the bolts come in contact when the cover is raised.

For convenience the bolts E are connected
65 to a central operating handle or knob for simultaneous operation, the preferred form of connection being by means of the spring-rods *E'*, having coils *e* therein and connected rigidly to the knob at right angles to the direc-
70 tion of movement of the bolts, with which construction it will be seen a single partial turn of the knob releases both bolts, and the spring-rods themselves serve to project the bolts. Above the seat and cover and hinged to a back
75 piece *g* is a lid G, which serves as an additional safeguard against the escape of any smell, gives the whole structure a neat appearance, and by inclosing the space above the seat permits of the use of such space for
80 storing toilet-paper and other articles which will be entirely hid from view when the lid is closed down.

Inside of the casing and resting squarely on the bottom thereof is the bucket or jar H
85 for the reception of the fecal matter, said bucket being preferably of metal, cylindrical in cross-section, and of just the proper height for the elastic packing I, secured to the under side of the seat to bear firmly on its edge
90 when the seat is closed down and held by its catches. This, it will be seen, makes the jar air-tight; but I prefer to connect a ventilating-pipe K at or near the top of the same for carrying the gases off. The connection be-
95 tween the jar and pipe is made by a short section *k*, secured to the jar, which enters the inwardly-projecting end of the pipe K. The jar is held in place by a bottom plate M, secured to the bottom of the casing and having
100 a semicircular recess in its edge and a retainer N, hinged to the opposite side of the casing at a point some distance above the bottom and having a corresponding semicircular re-

cess into which the jar fits. When it is desired to remove the jar, the cover therefor, which may be kept in the space back of the jar, is placed in position, the hinged retainer 5 turned up, the pipe disconnected, and the jar removed by its handle, as will be readily understood.

Having thus described my invention, what I claim as new is—

10 1. In a portable closet such as described, the combination, with the casing having the hinged cover and hinged seat provided with an opening, elastic packing surrounding the opening on both sides, of the removable jar 15 held within the casing, the catches for holding the seat down, with the packing on the under side in contact with the rim of the jar, and catches co-operating with the cover for holding the same in contact with the packing 20 on the upper side of the seat, substantially as described.

2. In a closet such as described, the combi-

nation, with the casing having the side arms and back extending above the seat and the seat, of the cover hinged to the seat and fitting tightly over the opening therein and the 25 lid hinged at or near the top of the back extension and working down between the side arms and closing against the seat at the forward edge, substantially as described. 30

3. In a closet such as described, the combination, with the casing, the seat, and cover hinged as described, and the jar within the casing, of the stationary retainer for the jar 35 having the semicircular recess therein at the bottom of the casing and the hinged retainer on the opposite side of the jar having a corresponding recess therein, substantially as described.

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