

(No Model.)

C. H. LEONARD.
PORTABLE EARTH CLOSET.

No. 440,611.

Patented Nov. 11, 1890.

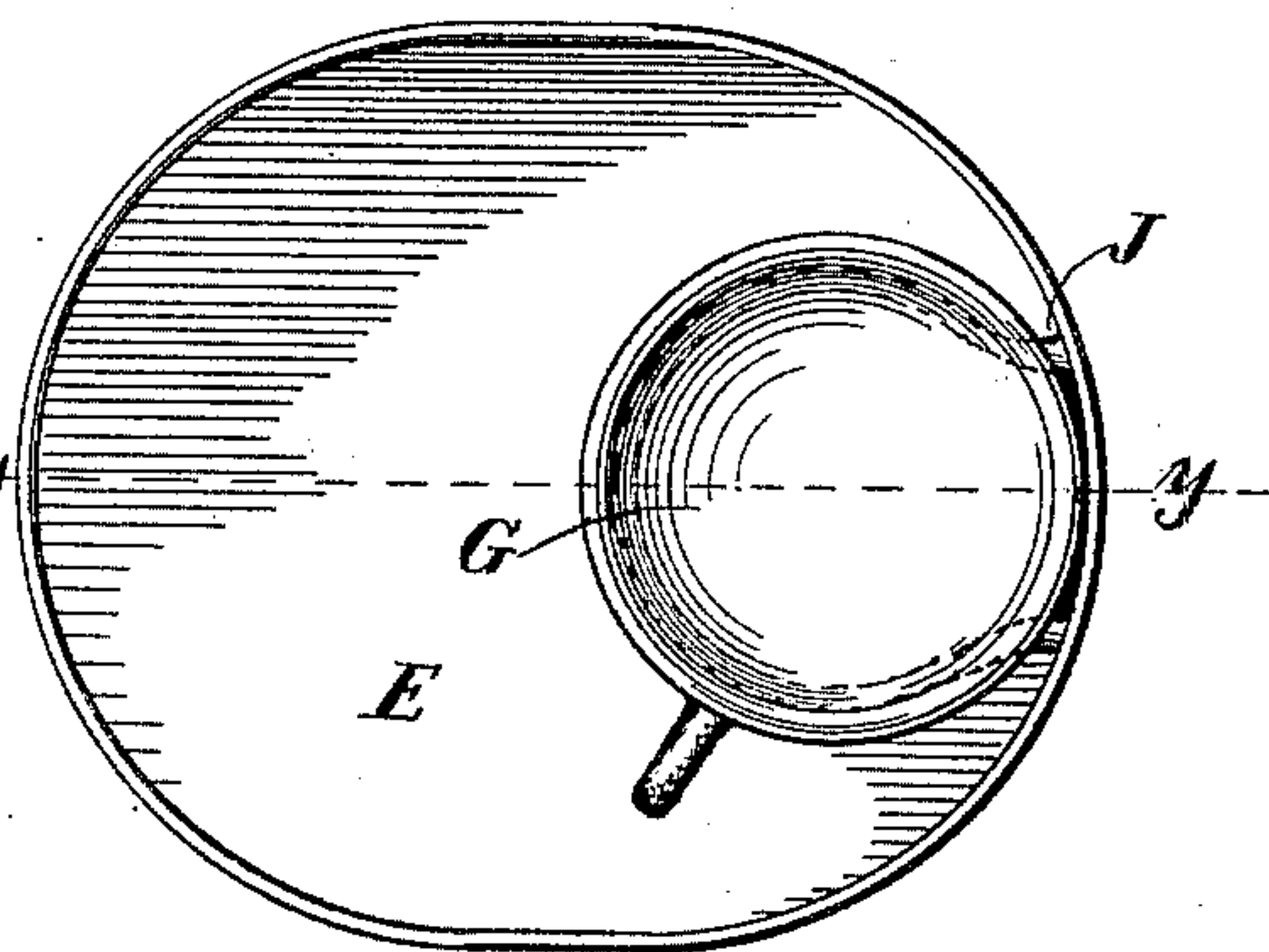
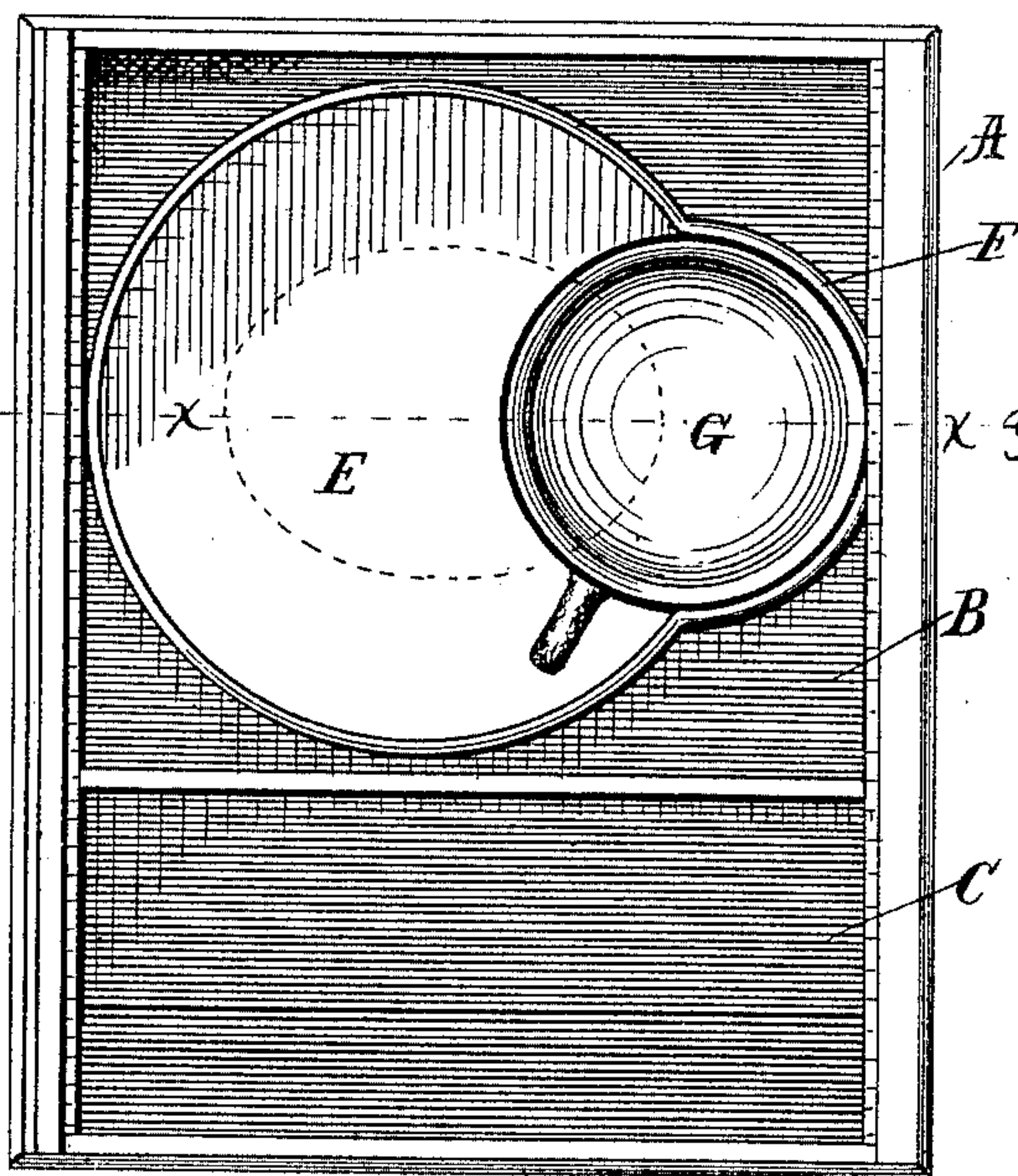
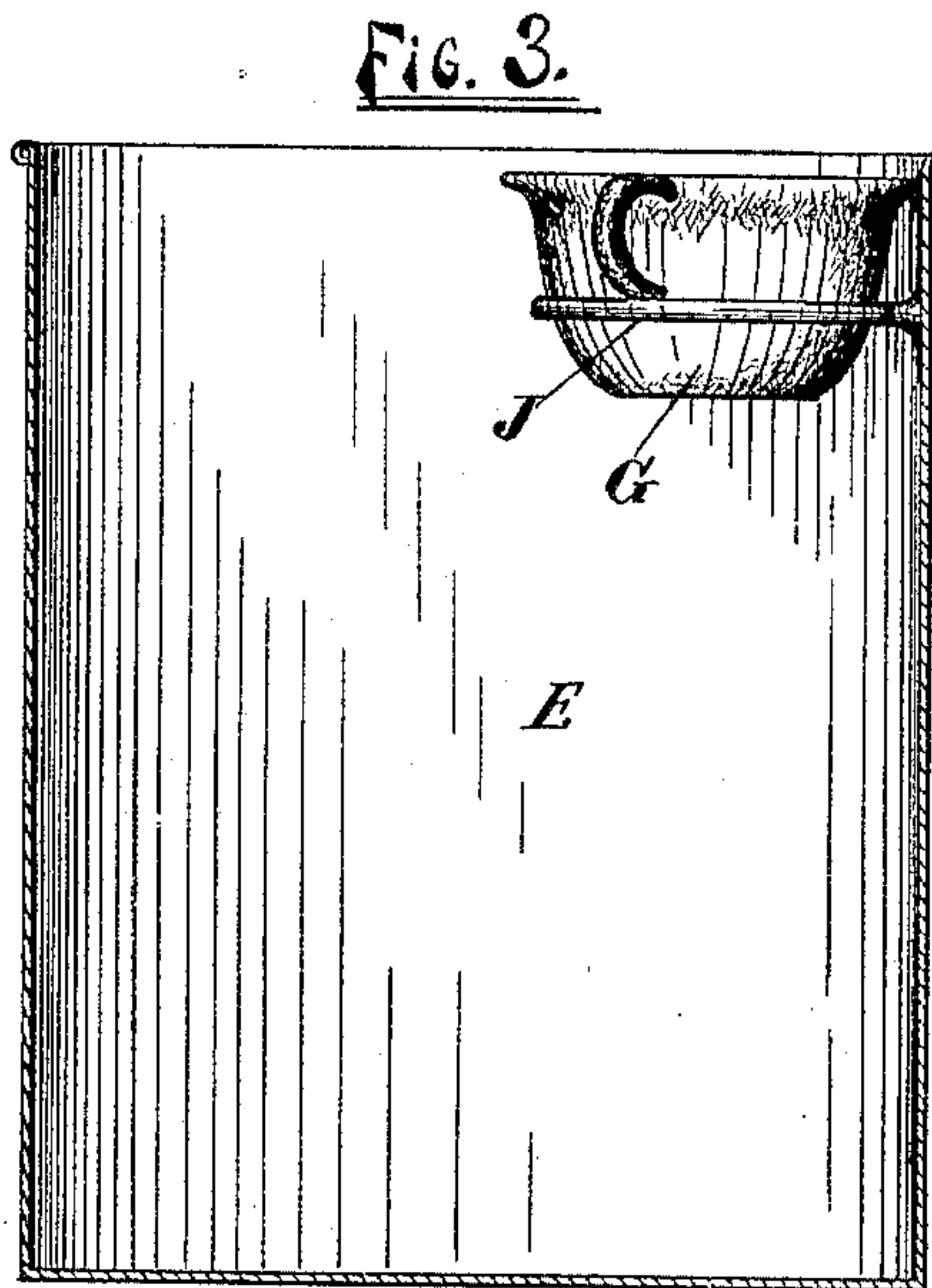
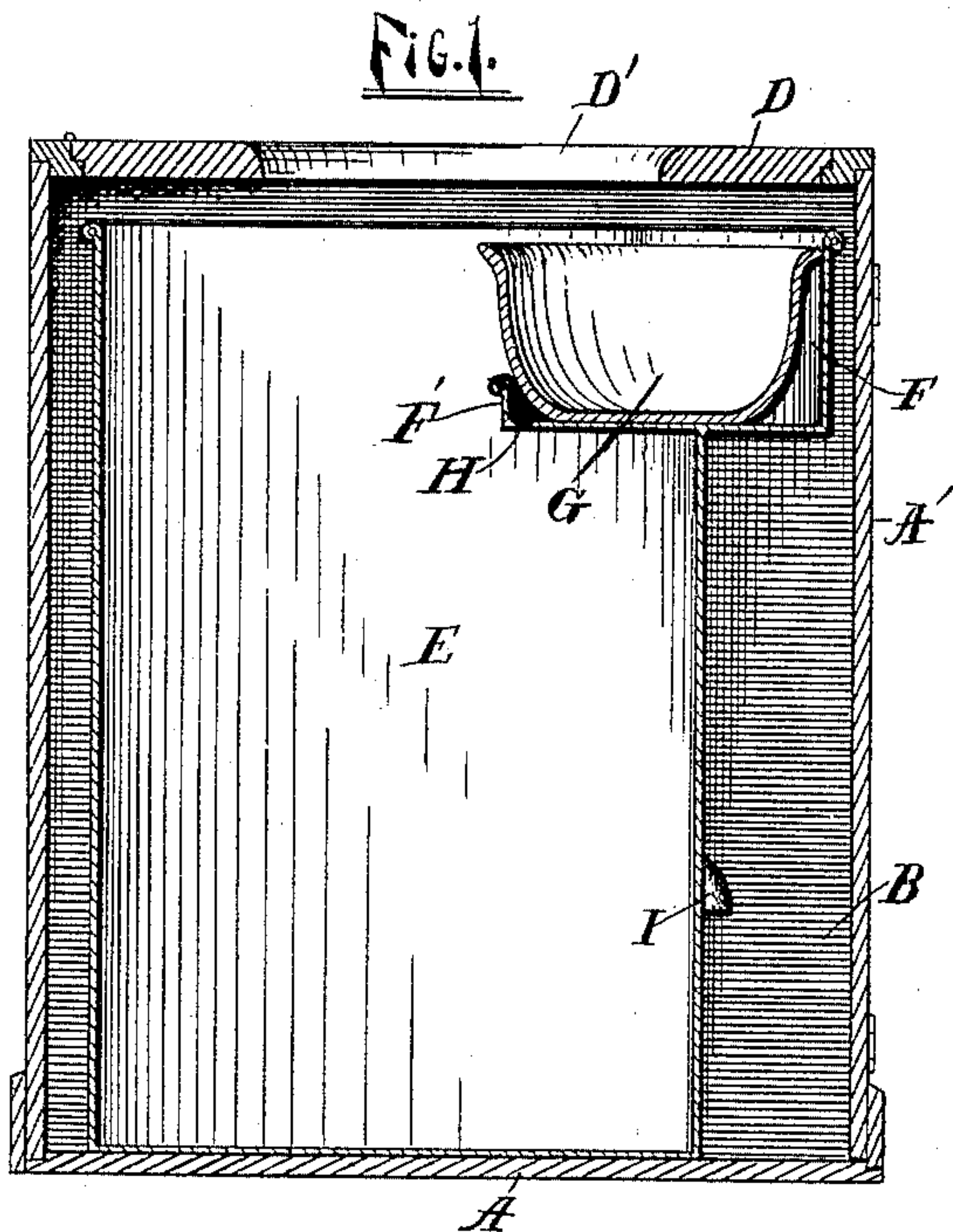


Fig. 4.

WITNESSES:

Fig. 2.

Claude A. Bachman,
Lulu E. Pierce.

INVENTOR

Charles H. Leonard

BY

Moulton & Rogers,
ATTORNEYS

UNITED STATES PATENT OFFICE.

CHARLES H. LEONARD, OF GRAND RAPIDS, MICHIGAN.

PORTABLE EARTH-CLOSET.

SPECIFICATION forming part of Letters Patent No. 440,611, dated November 11, 1890.

Application filed July 14, 1890. Serial No. 358,737. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. LEONARD, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Portable Dry-Earth Closets; 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.

My invention relates to a portable dry-earth closet for household use; and it consists in the construction, combination, and arrangement of the various parts, hereinafter described, and pointed out in the claims, reference being had to the accompanying drawings, wherein—

Figure 1 represents a vertical section of a device embodying my invention on the line *xx* of Fig. 2; Fig. 2, a plan of the same with the cover removed; Fig. 3, section of large vessel with smaller in elevation, and Fig. 4 plan of same.

Like letters of reference indicate like parts throughout the drawings.

A represents a box or casing, which is divided vertically by a partition into two compartments C and B, the former for containing the deodorizing material, preferably dry earth, and the latter for the receptacles for the excretive and urinary discharges, which are removable therefrom by a vertically-hinged door A' in the front of the casing. The top has a hinged cover D, forming a seat provided with the opening D', and may have another cover for the opening D', if desired. Upon the floor of the receptacle B is removably placed the fecal can or pail E, underneath the opening D', within the circumference of which is suspended the urinal or vessel G, also underneath the opening D', but underneath the forward portion thereof, for receiving the urinary discharges, while the feces fall directly into the can E, and

may be covered with the deodorizing material. It is evident that by thus arranging the urinary vessel within the other vessel I avoid the dripping or spilling of the urine upon the floor of the case, which is unavoidable where these vessels are arranged side by side in the ordinary manner, and the advantage of keeping these discharges separate in a portable commode of the class described is obvious.

The vessel G may be placed upon the bottom of an offset, as F, provided with an inwardly-projecting shelf F', having a drip-opening H, or it may be placed upon an annular support J, secured to the side of the can, which in this construction is preferably oval, as shown in Fig. 4, or it may be suspended in any other suitable manner.

The casing may be ornamented or upholstered in any manner that may seem desirable.

What I claim, and wish to secure, is—

1. The combination, with the casing having a hinged door and a top having an opening therein, of the removable receptacle E within the casing, and the vessel G, independent of the receptacle E, and supported within the receptacle E within a chamber formed upon one side thereof, substantially as specified.

2. The combination, with the outer casing A, provided with top having an opening therein, and a hinged door A', of the removable receptacle E within the casing, and formed with chamber or offset upon one side of the center thereof, and with a shelf F', integral with the wall of the receptacle E and projecting inwardly toward the center of the receptacle, and the removable vessel G, supported within the said chamber or offset, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES H. LEONARD.

Witnesses:

DENNIS L. ROGERS,
LUTHER V. MOULTON.