

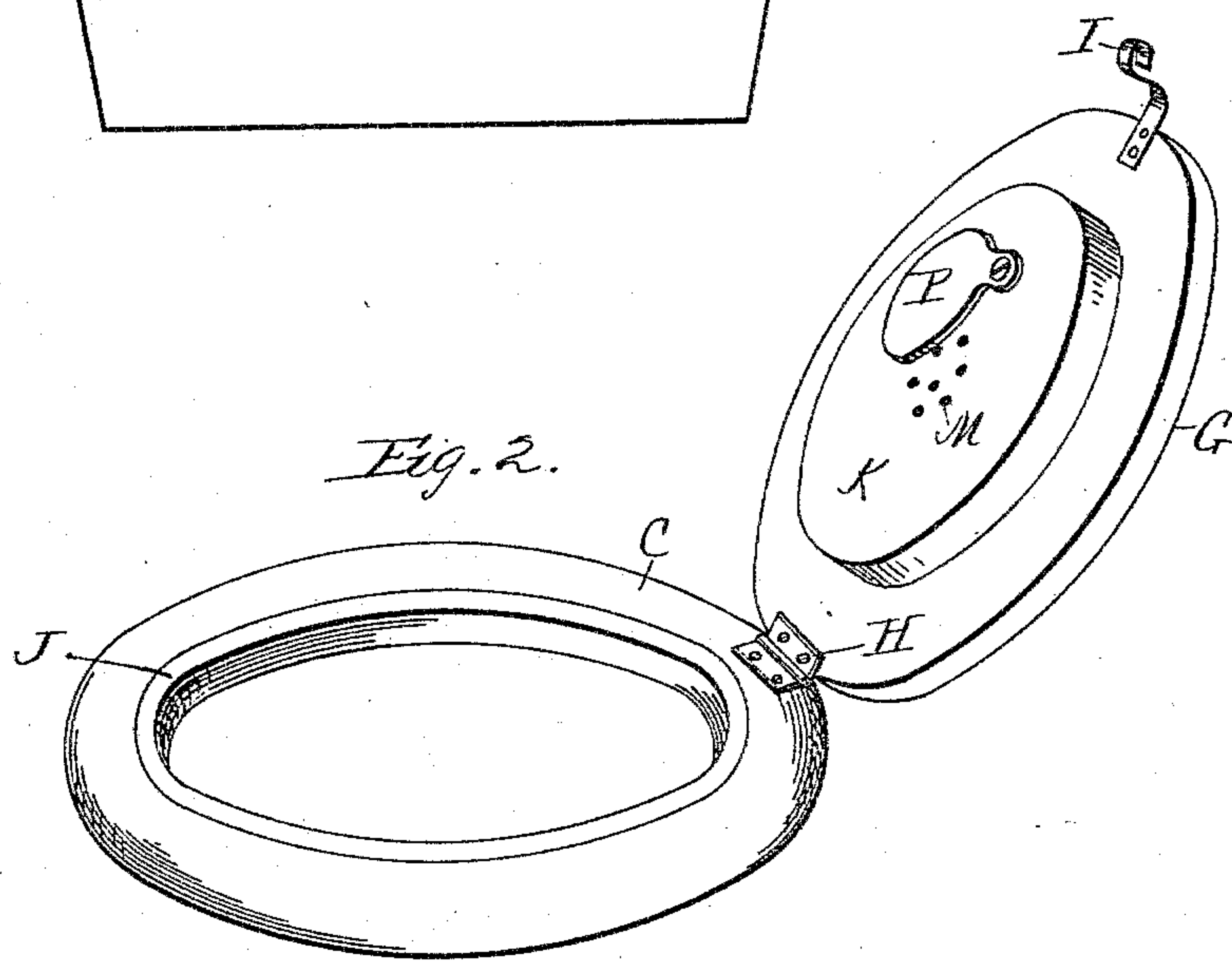
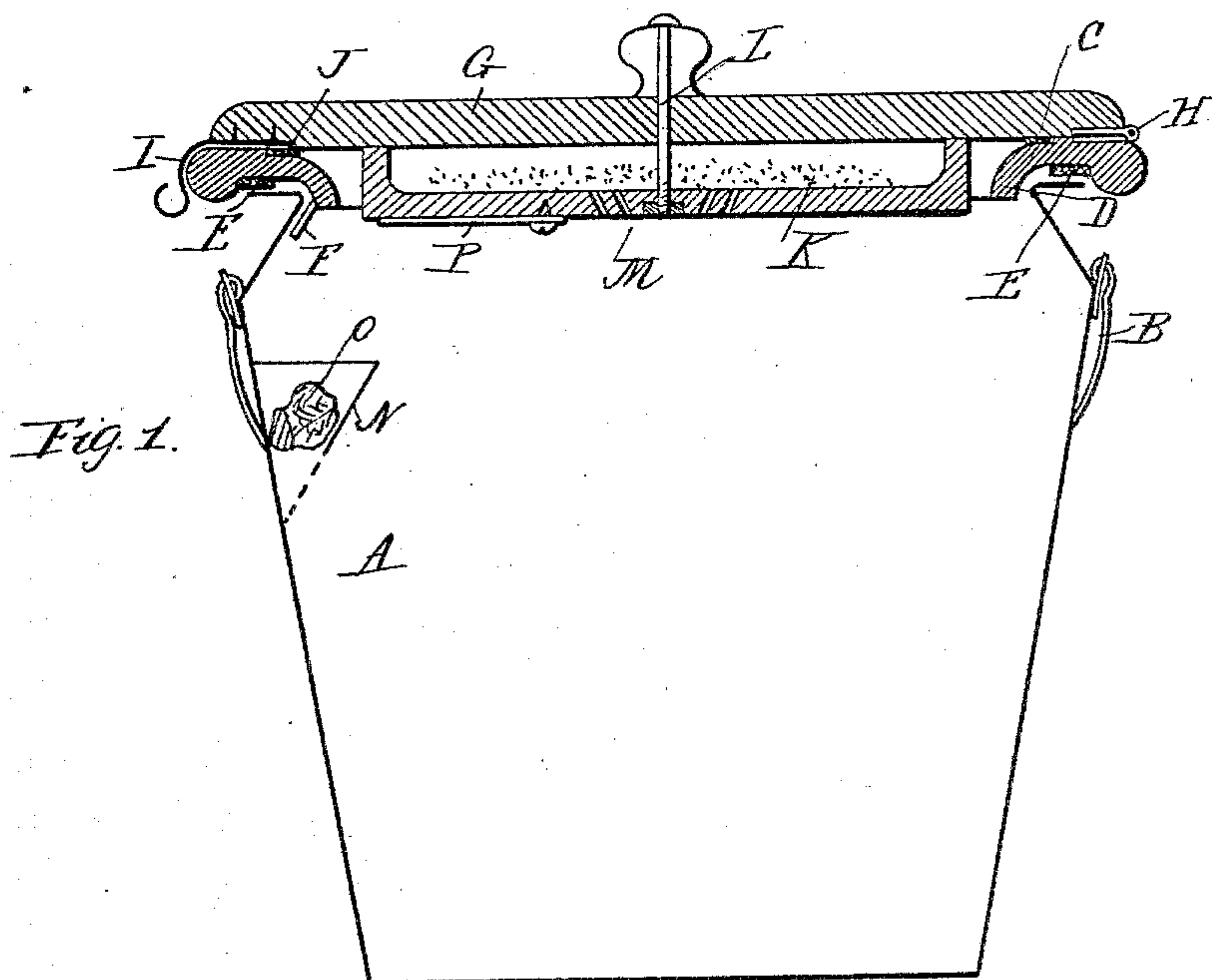
(No Model.)

J. KINNEY.

COMMODE.

No. 412,273.

Patented Oct. 8, 1889.



WITNESSES;
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UNITED STATES PATENT OFFICE.

JESSE KINNEY, OF DETROIT, MICHIGAN.

COMMODE.

SPECIFICATION forming part of Letters Patent No. 412,273, dated October 8, 1889.

Application filed November 28, 1888. Serial No. 292,167. (No model.)

To all whom it may concern:

Be it known that I, JESSE KINNEY, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Commodes, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to new and useful improvements in commodes, slop-pails, &c.; and the invention consists in the peculiar construction, arrangement, and combination of the parts, whereby all the sanitary requirements are complied with, and in addition thereto a disinfectant-chamber is provided, in which a suitable disinfecting material may be placed, which in the use of the article will prevent any danger of disease or the unpleasant odors which may arise from permeating the room, while at the same time the article is of simple construction, and may be manufactured by workmen of ordinary skill, all as more fully hereinafter described.

In the drawings which accompany this specification, Figure 1 is a vertical central section through a slop-pail to which my improved device is applied. Fig. 2 is a detached perspective view of my improved device.

A is a pail of ordinary construction—such as found in the market for water or slops—and this is provided with the usual handle B.

C is the seat of the commode, provided on the under side with a shoulder D to fit on the inner rim of the top of the pail. The under side of this seat is preferably provided with a rubber packing E to form a tight joint with the top of the pail.

F is a stop or flange, preferably provided with an eye-hole, and secured at the front of the seat, as shown, in such relation to the side of the pail as to prevent the front edge of the seat from tipping up when the cover G is thrown back. This cover is connected to the seat by the hinge H, and at its front end with any suitable spring-catch—such as I—securing it in its closed position. A rubber gasket J is also preferably interposed between the seat and the cover in making a tight joint between the parts.

K is a disinfectant-receptacle formed on the under side of the cover and detachably secured thereto in any suitable manner, such as by the screw L. The under side of this receptacle I preferably provide with the perforations M.

The parts being thus constructed and arranged, the disinfectant-chamber K being filled with a suitable fine disinfectant, it is obvious that in closing the cover down quickly a small amount of the disinfecting material will be shaken out through the apertures M into the pail below, and will thus act in the well-known manner of applying disinfectants. At the same time, the disinfectant-body being placed in the receptacle at the top of the pail, all vapors or odors arising from the interior of the pail must necessarily pass through or in close proximity to the disinfectant material, and will be acted on before they can pass into the room.

I do not desire to confine myself in the application of this device to the use of the disinfecting-chamber, which is provided with perforations, as it is evident that with a suitable disinfectant placed in the receptacle in solid the same result will be achieved as with the use of the powdered disinfectant, although I prefer to use the powdered disinfectant, because of its greater efficiency and thoroughness. It is also obvious that this same construction of receptacle may be applied to the ordinary water-closet seats, and with equally favorable results. In using this in connection with a slop-pail I preferably provide such pail with a perforated flange or shelf N, in which a suitable disinfectant material O may be placed to assist in disinfecting liquids which may be put into the pail.

A pail thus constructed is of especial advantage for hospitals and in sick-rooms and other places where slops or other offensive material is to be carried, and it will be found economical and useful in preventing the unpleasantness and danger arising from the use of the ordinary constructions of such devices.

A slide P may be employed to close the perforations when it is not desired to discharge the disinfectant.

What I claim as my invention is—

The combination, with the pail A, formed near its upper edge with an inwardly-inclined annular portion and horizontal annular flange above said inclined portion, of the
5 seat C on said horizontal portion and provided with the outwardly and downwardly inclined stop-flange F parallel with said inclined portion, and the cover G, hinged to
10 the seat at a point diametrically opposite

said flange and carrying a disinfectant-receptacle, substantially as and for the purpose specified.

In testimony whereof I affix my signature, in presence of two witnesses, this 6th day of November, 1888. 15

JESSE KINNEY.

Witnesses:

P. M. HULBERT,
J. PAUL MAYER.