

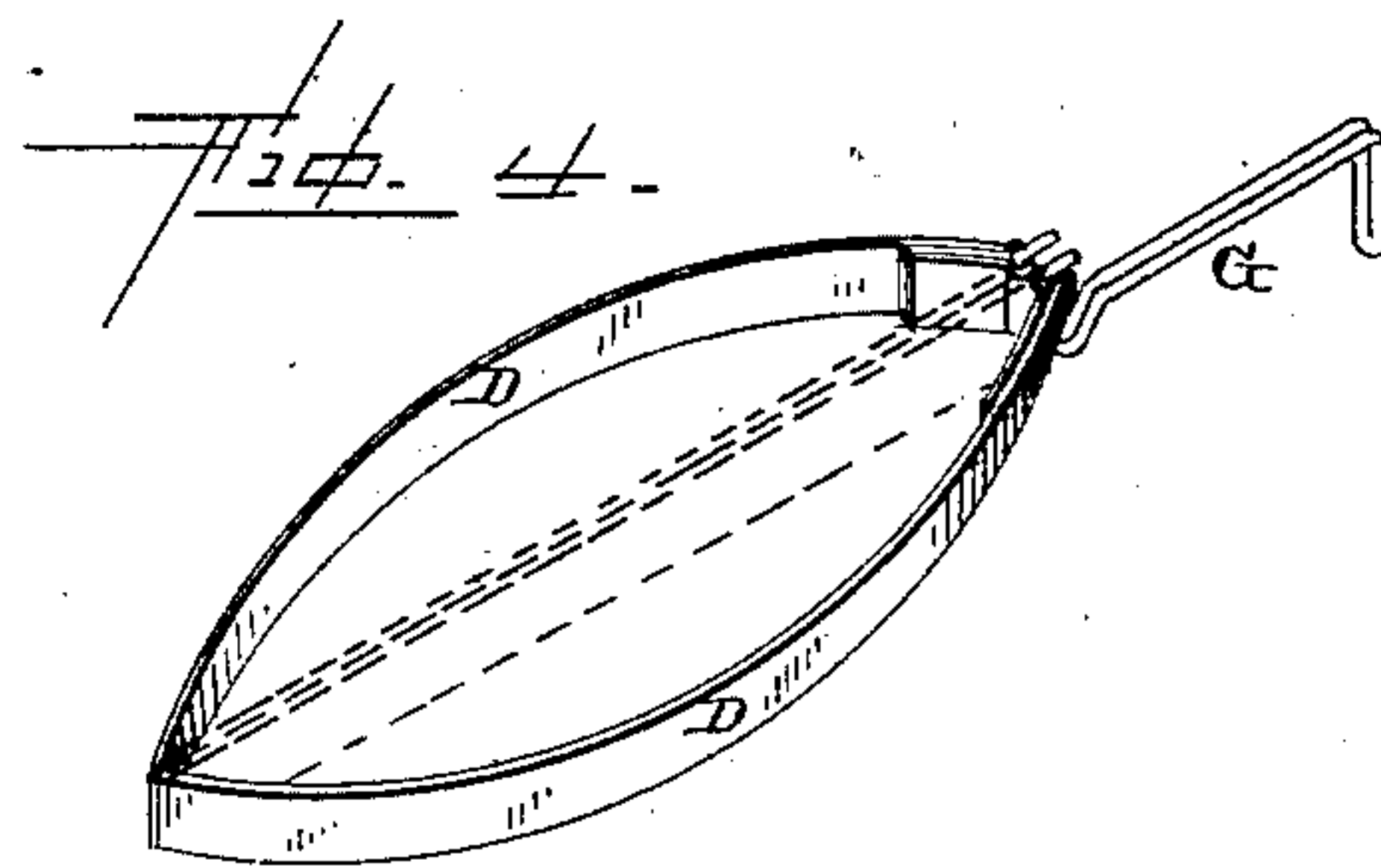
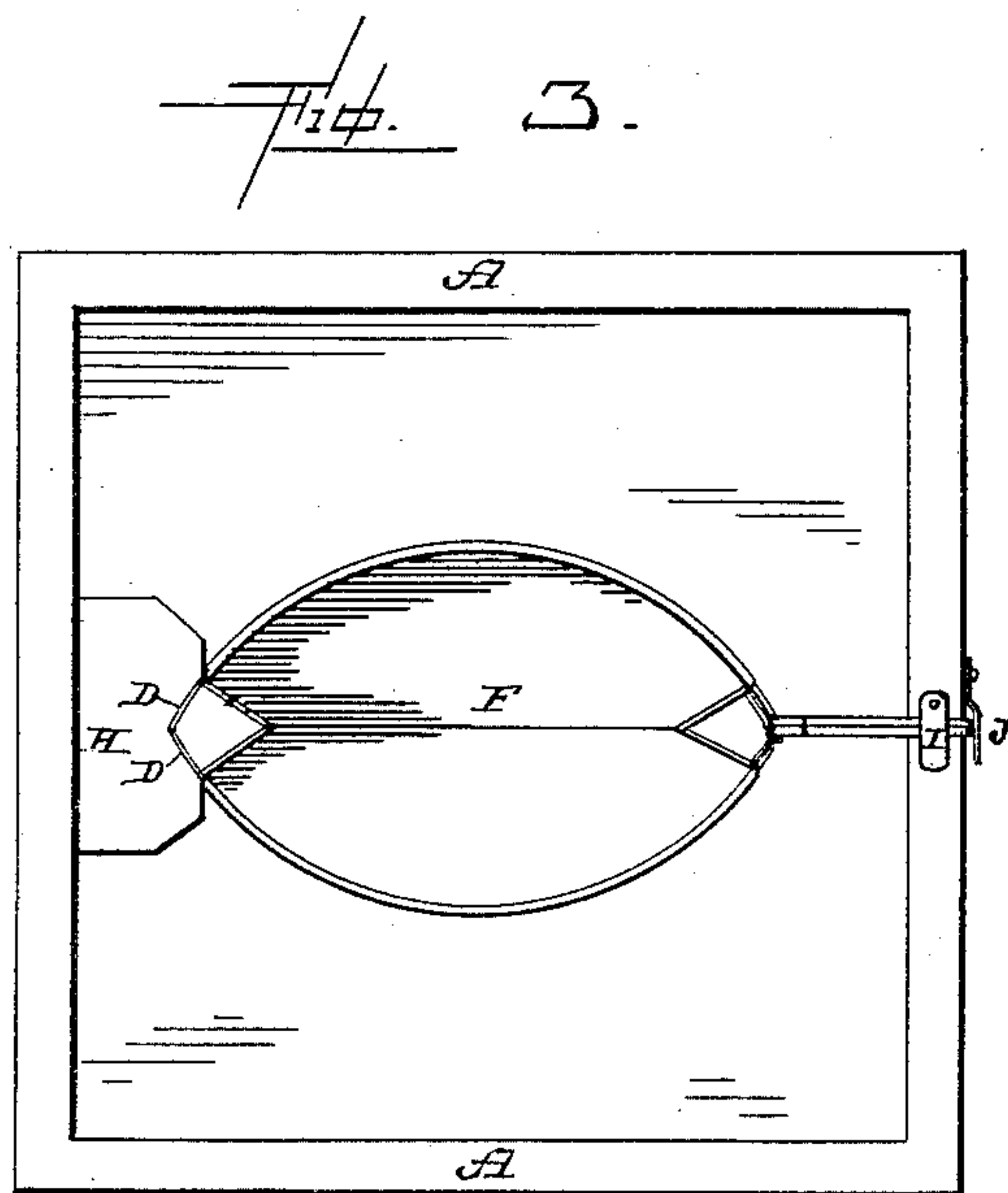
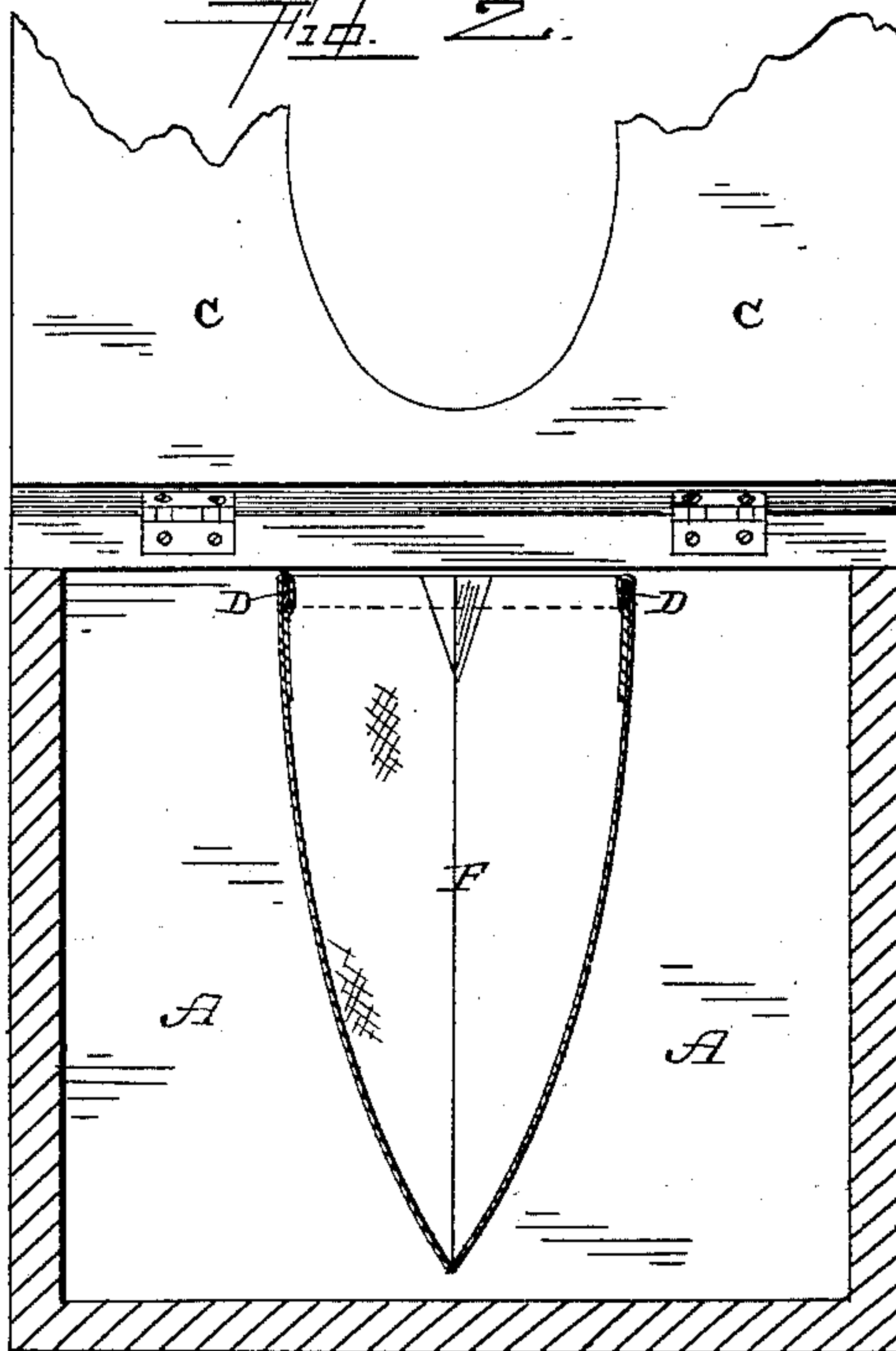
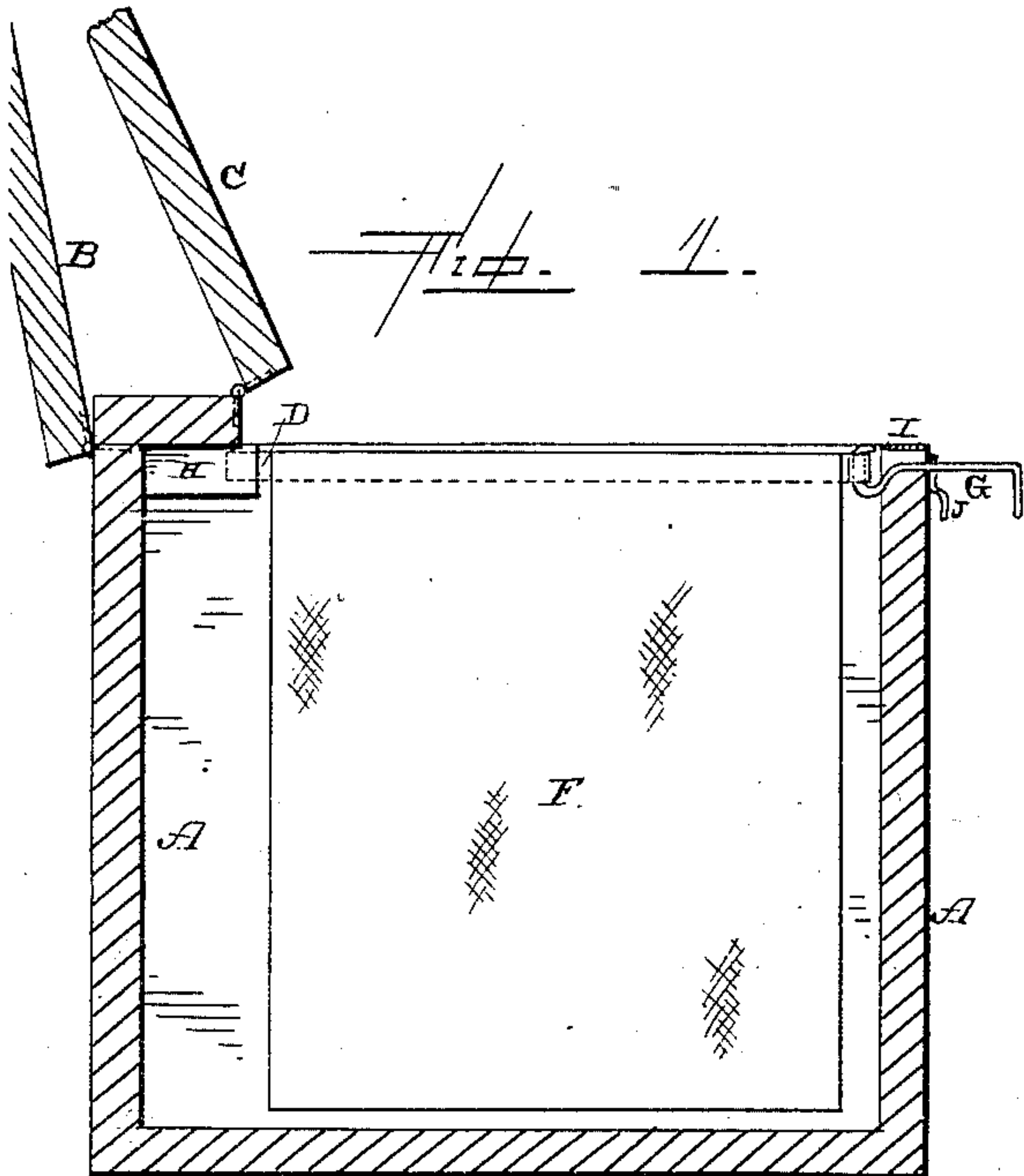
(No Model.)

J. A. HACKENBERG.

COMMODE.

No. 348,738.

Patented Sept. 7, 1886.



WITNESSES.

A. D. Gardner
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UNITED STATES PATENT OFFICE.

JACOB A. HACKENBERG, OF KIMBERTON, PENNSYLVANIA.

COMMODE.

SPECIFICATION forming part of Letters Patent No. 348,738, dated September 7, 1886.

Application filed April 24, 1886. Serial No. 200,067. (No model.)

To all whom it may concern:

Be it known that I, JACOB A. HACKENBERG, of Kimberton, in the county of Chester and State of Pennsylvania, 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in commodes; and it consists in the combination of two springs, which are connected at one end to a push-rod, by means of which they are operated, a bag connected to the springs, and suitable catches, by means of which the different parts are held in position, as will be more fully described hereinafter.

The object of my invention is to enable the bag to be opened prior to the commode being used by merely pushing a rod endwise, and then to cause the bag to close by means of the springs connected to its mouth by releasing the rod from its catch, and thus shut in all disagreeable odors.

Figures 1 and 2 are vertical sections taken through my commode at right angles to each other. Fig. 3 is a plan view of the commode, the top and seat being removed. Fig. 4 is a detached view of the springs and push-rods.

A represents the frame of the commode, which is provided with the cover B and seat C in the usual manner. The two springs D, which support the bag F, are loosely connected at one end to the push-rod G, but at the other end they are entirely free, so as to allow them to be freely connected to and disconnected from the bag. These springs and the bag attached to them are supported at their inner ends by means of a block, H, secured inside of the top of the frame, under the rear edge of the seat, and at their outer edge by the push-rod G, which passes through a notch in the front edge of the frame. In the top edge of the block H is made a V-

shaped recess, so as to allow the springs to be freely opened outward. The seat C, when closed down, prevents the inner ends of the springs from becoming displaced, and the push-rod is prevented from becoming displaced by a catch, I, which closes over the notch, and thus prevents the rod from having any vertical motion, but allows it to freely move endwise.

When the commode is about to be used, the push-rod is forced inward, and, as the springs have no endwise motion, they bend outward in opposite directions, so as to open the mouth of the bag below the opening in the seat. The push-rod and springs are held in this position by means of the catch J, pivoted on the front side of the frame A, and which is turned so as to catch over the outer end of the push-rod, and thus prevent it from being forced outward by the elasticity of the springs. After the commode has been used it is only necessary to turn this catch around so as to release the push-rod, and then the springs at once snap together, so as to close the mouth of the bag. The push-rod extends directly from the front side of the frame A, so as to be enough in the way of the persons about to use the commode to attract attention, and thus prevent them from forgetting to operate it, in order to first open the mouth of the bag.

The bag is to be made of rubber or any other suitable water-proof material which will answer for the purpose, and has its upper edges turned over and secured to the sides of the bag, leaving a sufficient space for the springs to be passed freely through, in order that the bag may be removed at any time to be emptied and then returned to position.

Instead of having the bag made of rubber or other material which can be used constantly, paper bags which have been made water-proof by oiling may be used. These paper bags will then be used only once, and then thrown away and at once replaced by a new one.

Having thus described my invention, I claim—

1. The combination of the frame A, the two

springs connected together at one end, the push-rod, and the bag which is applied to the springs, substantially as shown.

2. In a commode, the combination of the
5 two springs, a push-rod connected to both of the springs at one end, a recessed support for the free ends of the springs, a catch to hold the springs in an expanded position, and the

bag connected to the springs, substantially as set forth.

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

JACOB A. HACKENBERG.

Witnesses:

JEFFERSON A. ARCHER,
S. D. HUNTER.