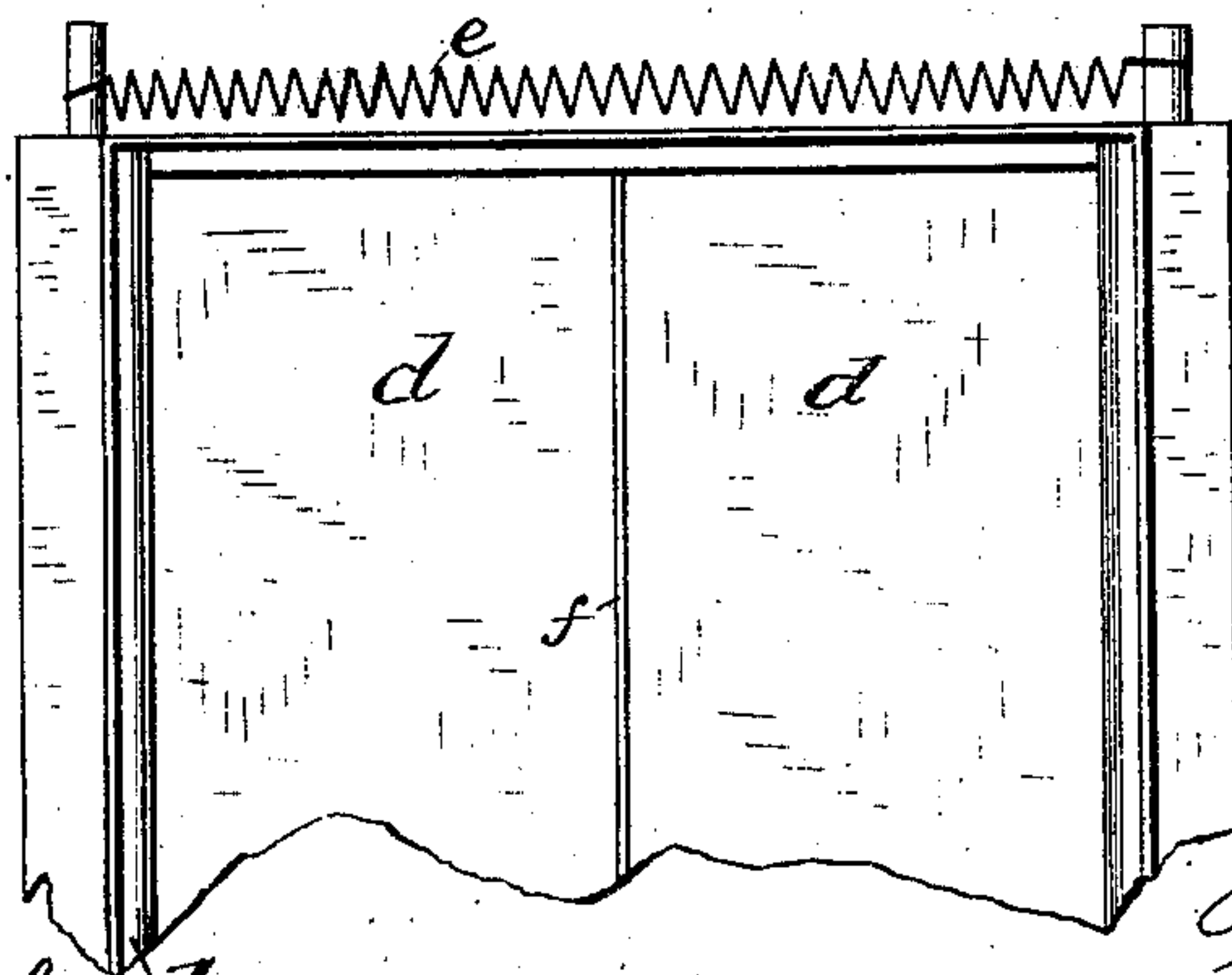
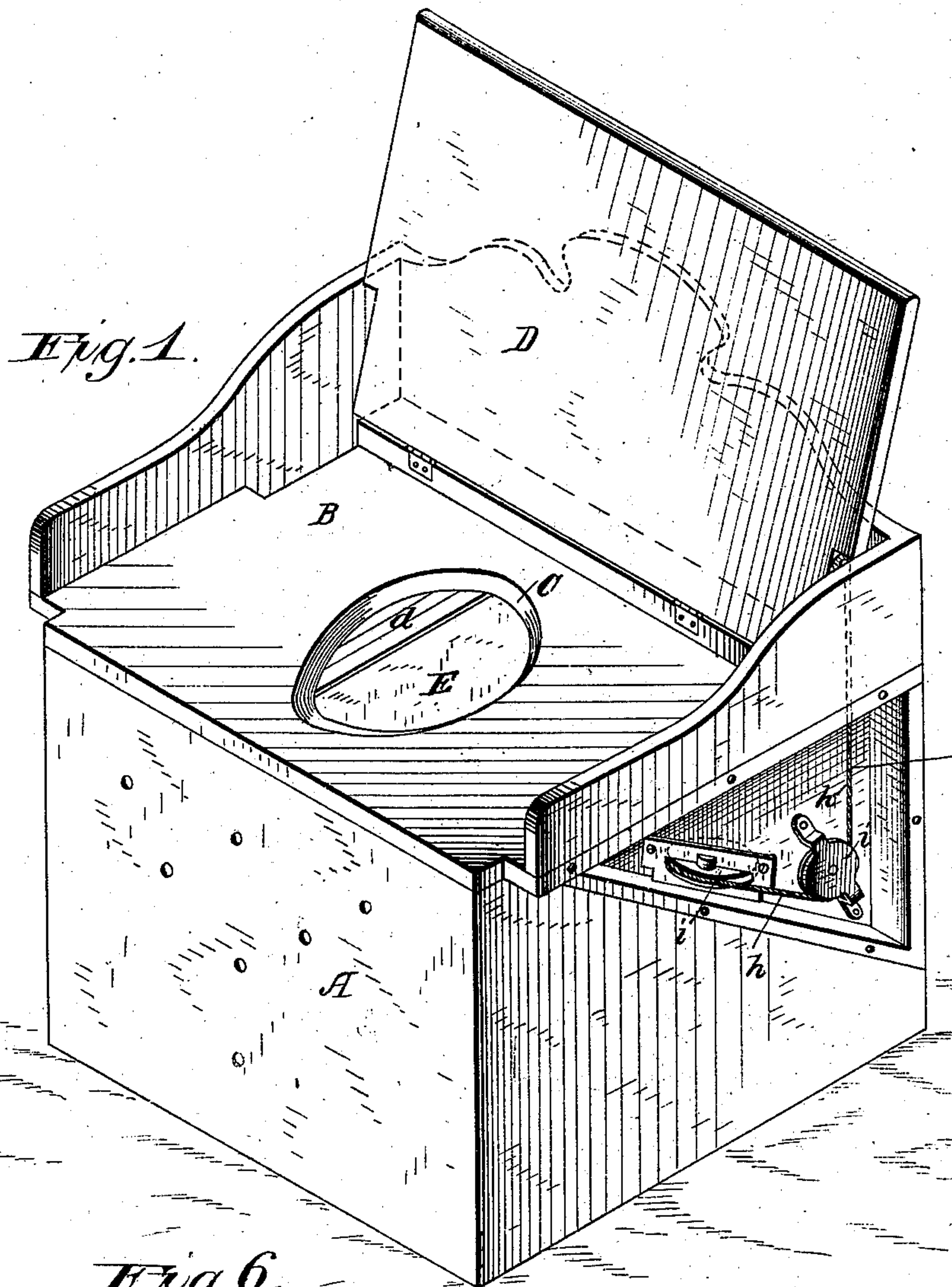


J. B. WORTHAM.
Commode.

No. 225,089.

Patented Mar. 2, 1880.



Witnesses:

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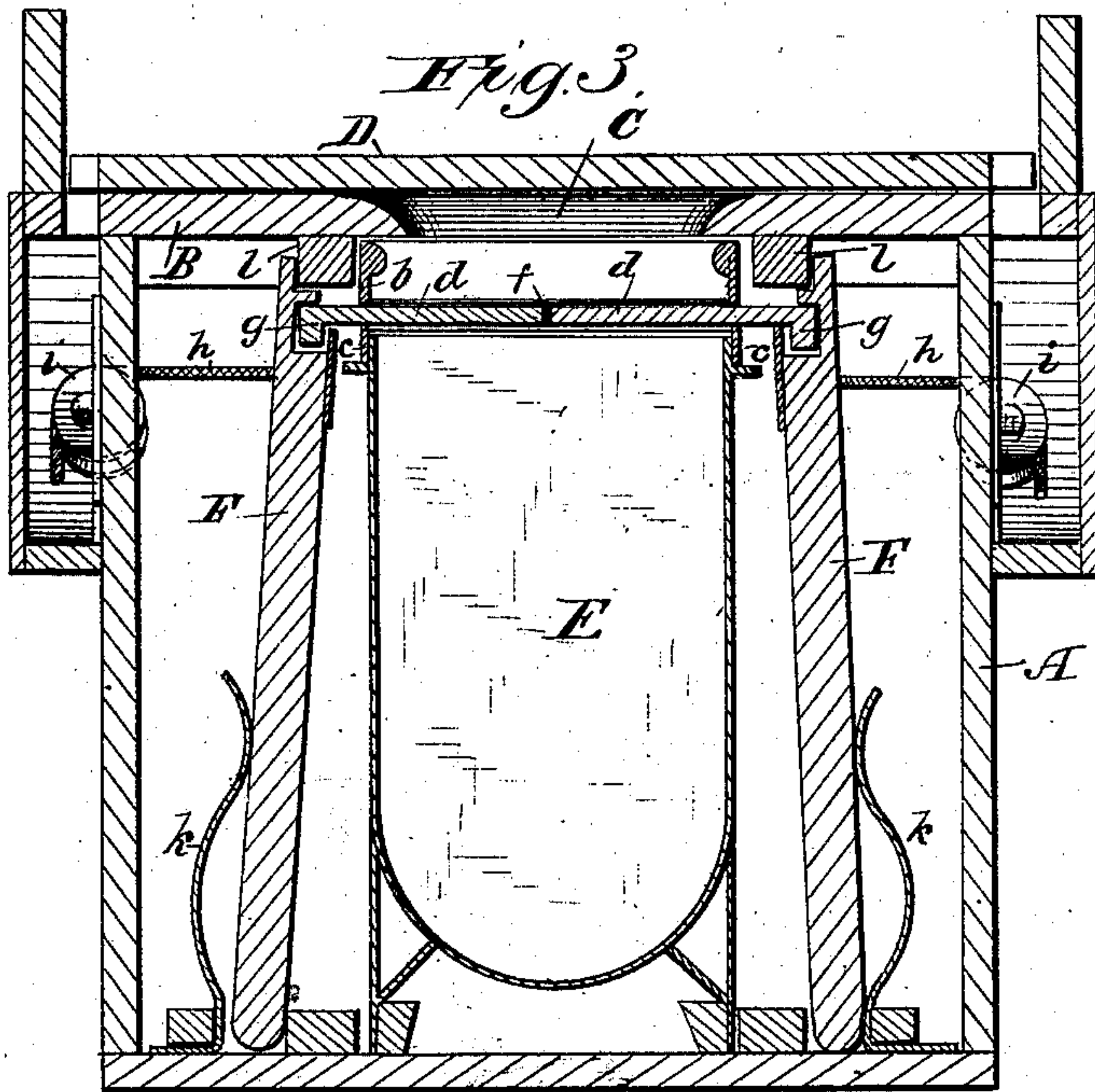
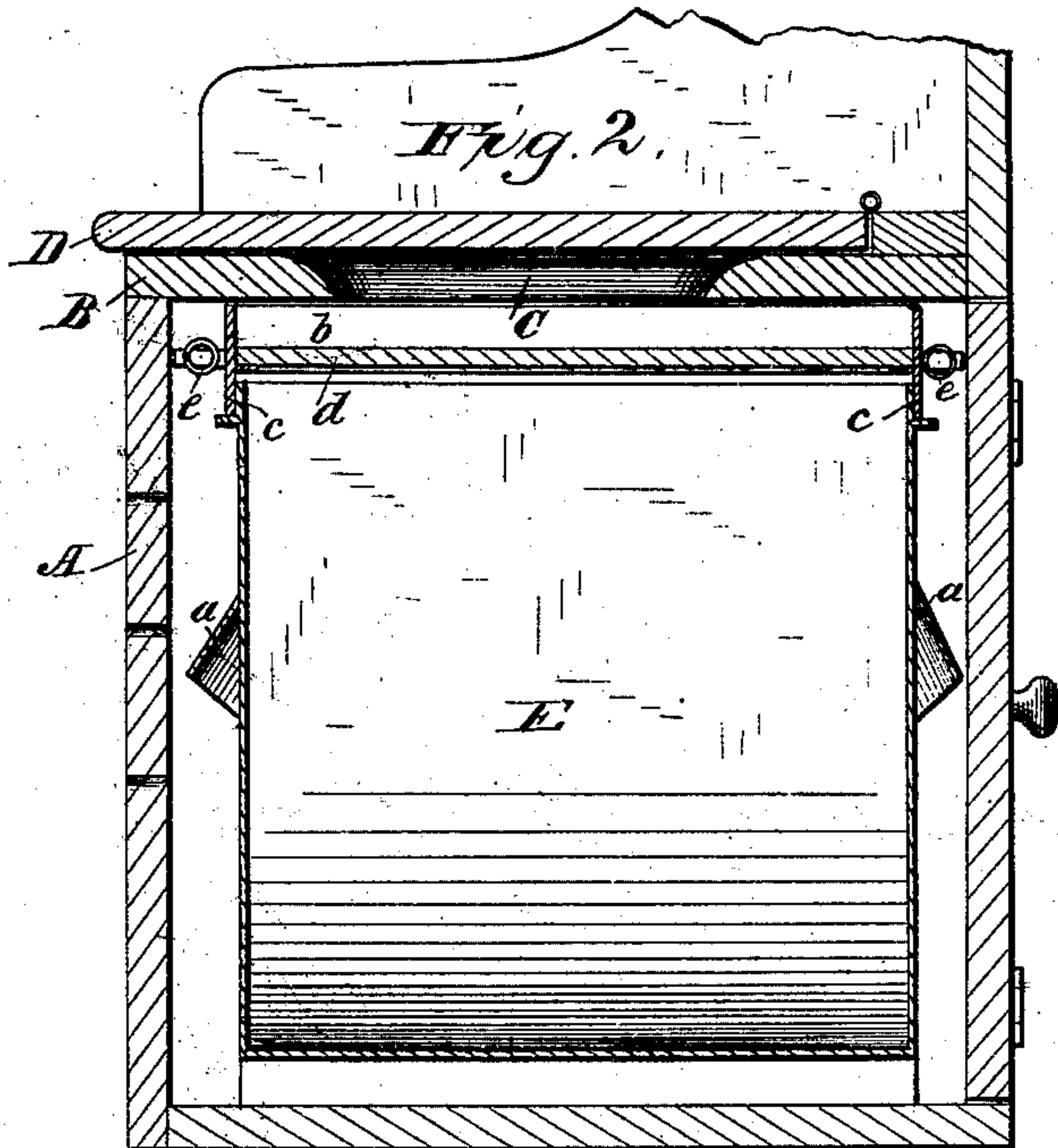
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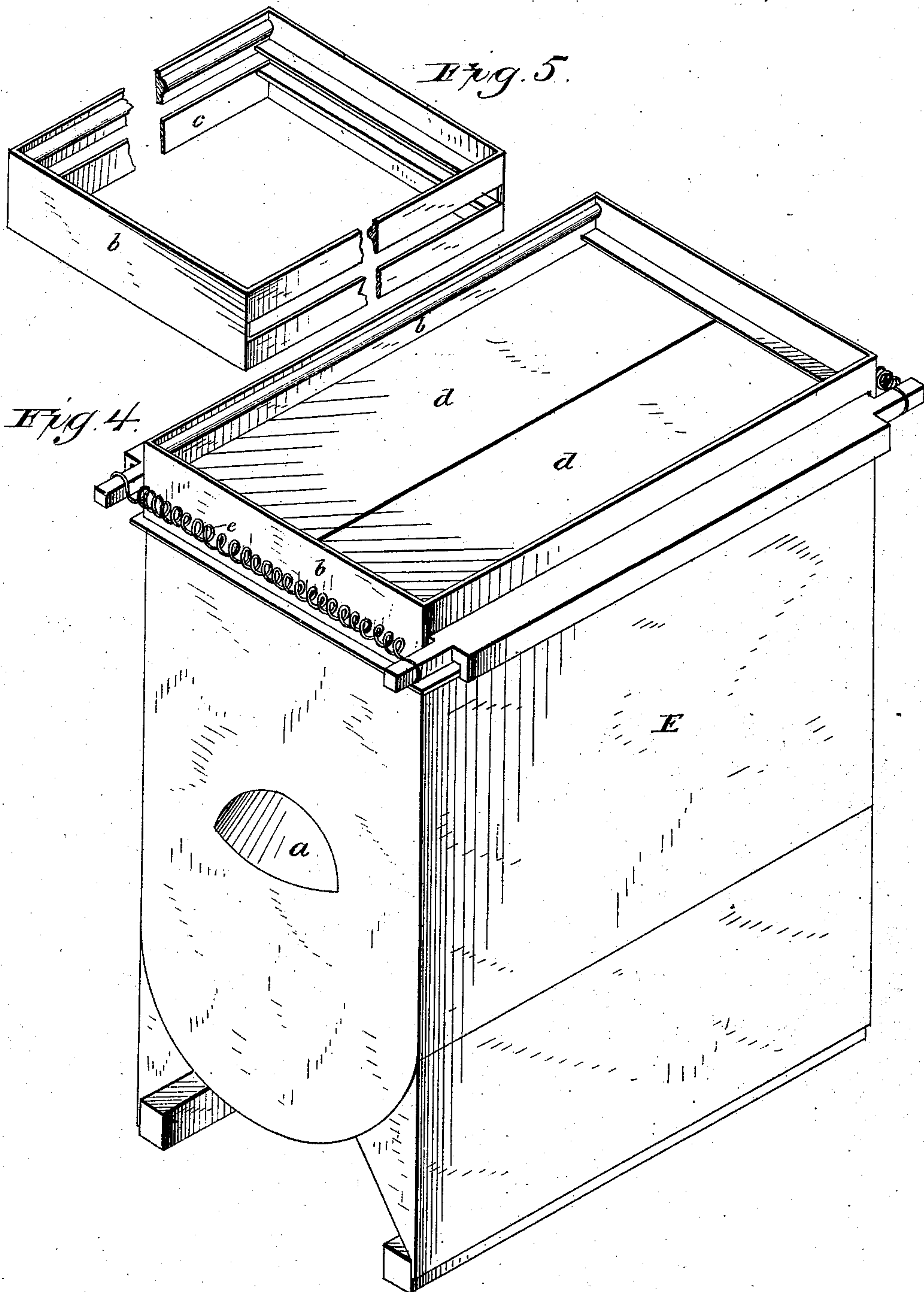
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UNITED STATES PATENT OFFICE.

JOHN B. WORTHAM, OF WINCHESTER, VIRGINIA.

COMMODO.

SPECIFICATION forming part of Letters Patent No. 225,089, dated March 2, 1880.

Application filed January 19, 1880.

To all whom it may concern:

Be it known that I, JOHN BELL WORTHAM, of Winchester, in the county of Frederick, in the State of Virginia, have invented certain new and useful Improvements in Commodes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to improvements in commodes; and the invention consists in the provision of a vessel to receive the evacuations, having a divided and partible cover operated by the raising and lowering of the seat-lid of the commode, such vessel having a removable top, which carries the divided cover, and the vessel with its top and cover being removable in a sealed condition from the commode for emptying and cleansing, the object of the invention being to provide a simple and cheap commode that shall be entirely automatic in opening the way to the evacuation-vessel, so as to avoid accidentally soiling the commode, the evacuation-vessel being removable with its top sealed, so as to prevent the escape of offensive odors while being carried through the house.

In the drawings above referred to, in which like parts are similarly designated in the several figures, Figure 1 is a perspective view of my improved commode with the seat-lid raised and the divided cover parted, and with a portion of the casing removed to show the eccentric arrangement of the pulleys. Fig. 2 is a central vertical longitudinal section. Fig. 3 is a central vertical transverse section. Fig. 4 is a perspective view of the evacuation-vessel removed from the casing. Fig. 5 is a perspective view of the cover-containing top (broken) of the evacuation-vessel; and Fig. 6 is a top view of one end of the partible cover, showing the coiled springs for drawing such cover together.

The casing or frame A, having a door in its rear, may be perforated, as shown in Figs. 1 and 2, for ventilation, and, if desired, it may be paneled with perforated veneers, the material employed in its construction being determined by choice. The seat B has the usual hole, C, and is provided with a hinged lid, D. The evacuation-vessel E may be of tin, earthen-

ware, galvanized iron, granite-ware, or other suitable material, and is provided with a suitable handle or handles, *a a*, for use in carrying it about. The top *b* of this vessel is open, and has a flange, *c*, which fits over the body of the vessel with a tight joint, but so as to be capable of removal, and in this top are arranged two slides, *d d*, connected at their ends by springs *e*, which tend to draw said slides together, and so keep the vessel covered. The meeting ends or edges of these slides are packed with rubber, felt, or other suitable substance, *f*, to make an odor-tight joint. The outer ends of these slides are flanged or grooved, as at *g*, and rest upon or engage with matching flanges on rocking levers F. From the hinged lid D extend ropes or chains *h*, which pass over pulleys *i i* eccentric to the hinges of the lid, so as to throw and hold said lid back of its hinges against accidental falling. These ropes are connected to the rocking levers F, which are jointed to the slides. The rocking levers may be pressed toward each other by springs *k*. Stops *l* are provided to limit the approach of these levers, and to hold them from the vessel E. The raising of the seat-lid so draws up the cords as to separate the rocking levers, and with them the slides, so as to open the way to the vessel E from the seat, as in Fig. 1.

This commode dispenses with all levers and hand appliances exterior to the commode for uncovering the evacuation-vessel, and insures the certain uncovering of such vessel before it is possible to sit upon the seat, thereby avoiding accidental soiling of the outer and visible portions of the commode.

By the removal of the top *b* the slides are also removed, and the interior of the vessel is accessible for cleaning.

The fecal matter enters directly into the vessel, and a conductor is dispensed with, so as to avoid soiling any exterior and visible part of the commode. The evacuation-vessel is removable from the casing without disconnecting or dismembering the fixtures by simply drawing it from the rocking levers. The partible cover comes with it, so that it is sealed against the escape of odors while being carried through the house.

Earth-closets have heretofore been made with a seat beneath, and to the under side of

which are pivoted or hinged two leaves, connected by suitable links or levers with the seat lid or cover, by the operation of which seat lid or cover said leaves are parted or drawn together to respectively open or close the seat-hole; but by this construction the evacuation-vessel remains always uncovered or is unprovided with a cover. In other words, the said partible leaves form no part of such evacuation-vessel; hence the odors from such vessel are free to escape into the apartment and viti-
10 atiate its atmosphere, so that it becomes necessary to remove the vessel after each usage.

In my commode the partible seat-hole-covering leaves are attached to and form part of
15 the evacuation-vessel, and as soon as the seat-lid is turned down said leaves close the vessel itself and prevent the escape of odors, thus obviating the necessity of its removal.

20 What I claim is—

1. In a commode, an evacuation-vessel and its partible cover attached to and forming part of said vessel, in combination with a hinged
25 seat-lid, to operate substantially as described.

2. In a commode, the combination of an evac-

uation-vessel, a partible cover attached to and forming part of said vessel, rocking levers to support said vessel and permit of its removal, and a connected operating seat-lid, substantially as described.

3. A removable evacuation-vessel for commodes, having a removable top and a partible cover, substantially as described. 30

4. An evacuation-vessel for commodes, having a partible cover normally closed, adapted
35 to be withdrawn from the commode with the vessel; so as to tightly close such vessel against the escape of odors, substantially as described.

5. A sealing partible cover and an evacuation-vessel adapted to be removed entire from
40 the casing without disturbing or dismembering the cover-operating devices, substantially as described.

To the above specification of my invention I have signed my name this 15th day of Jan-
45 uary, A. D. 1880.

J. B. WORTHAM.

Witnesses:

WM. H. FINCKEL,

W. E. WILLIAMS.