

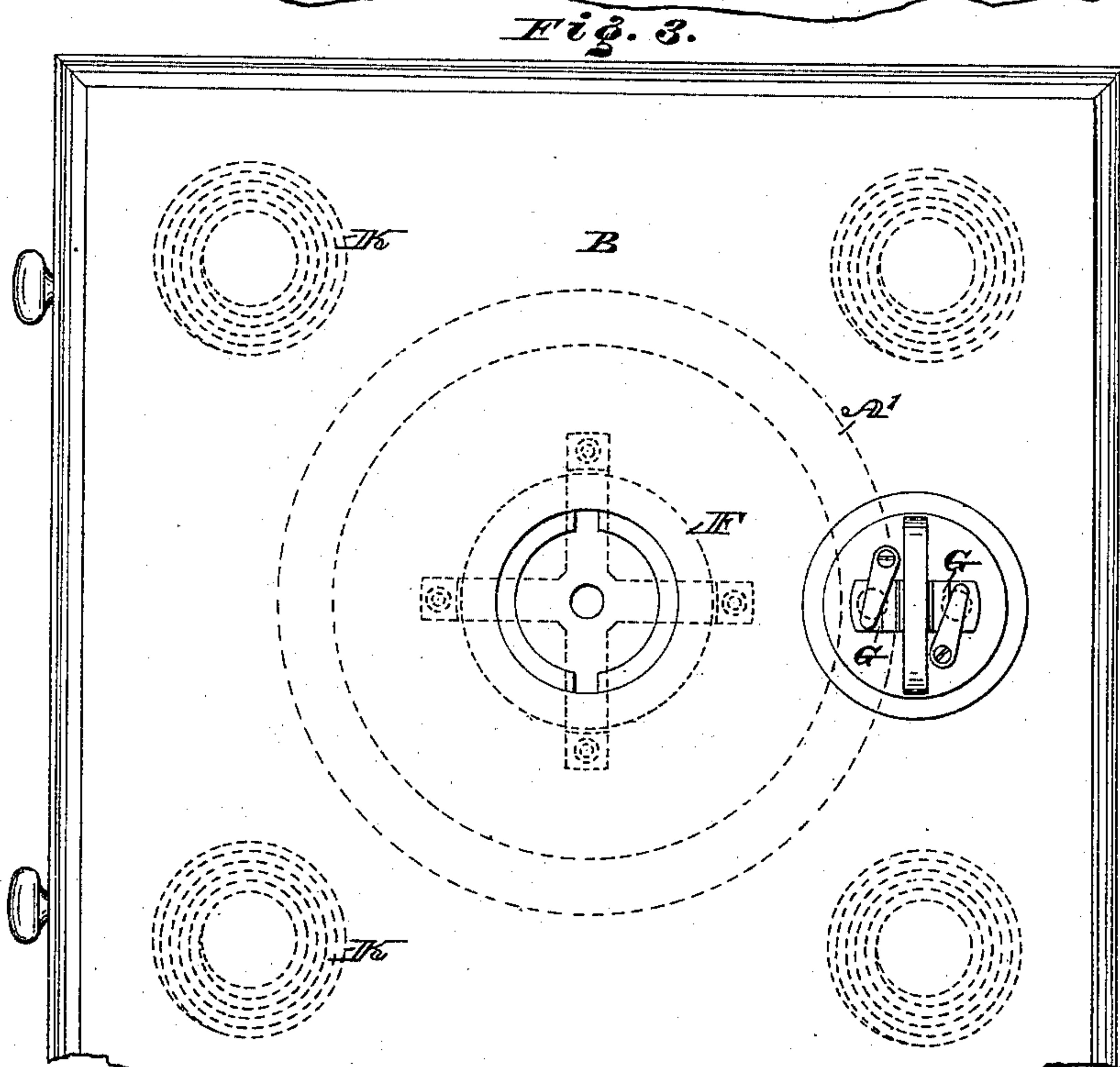
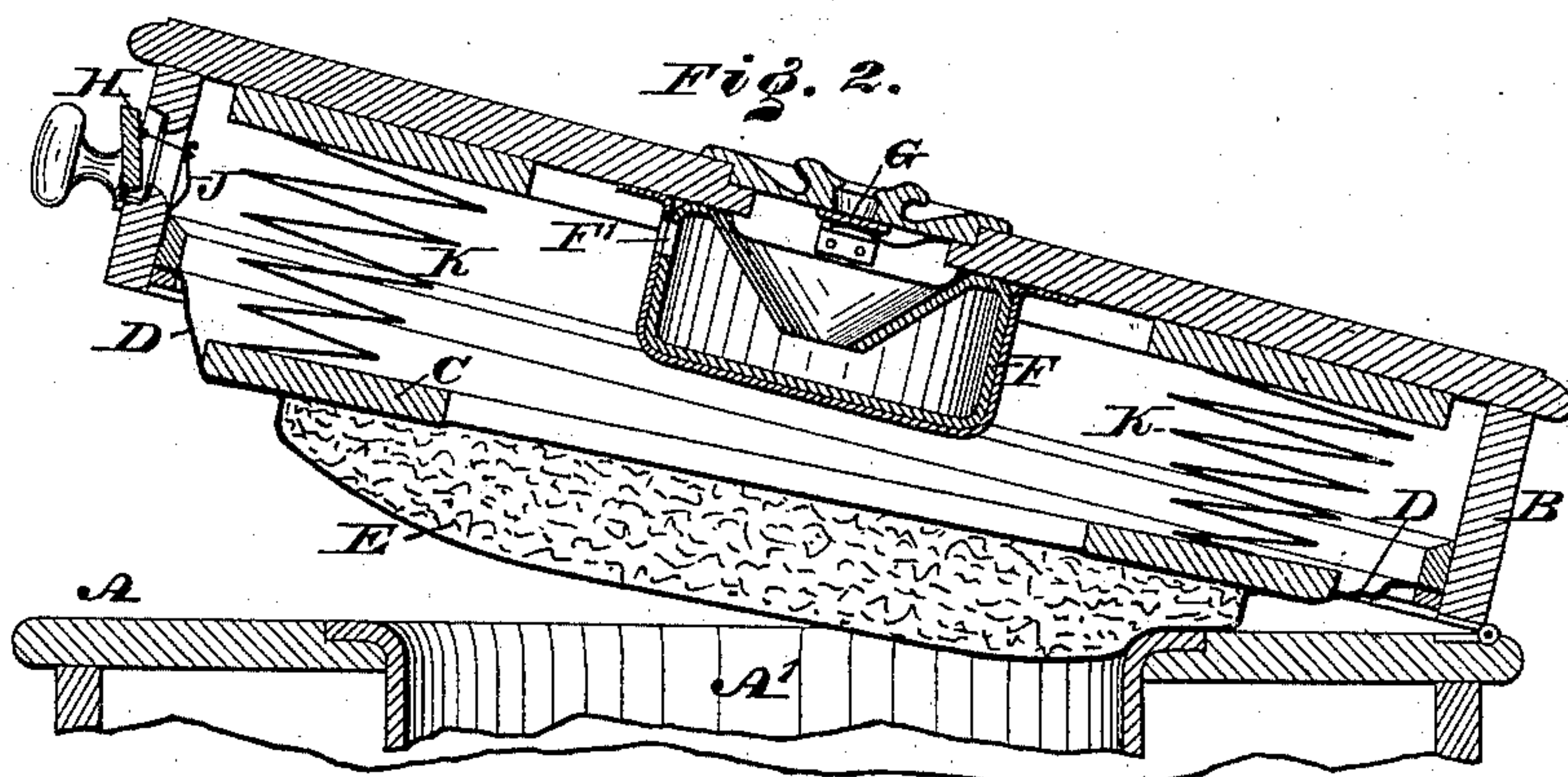
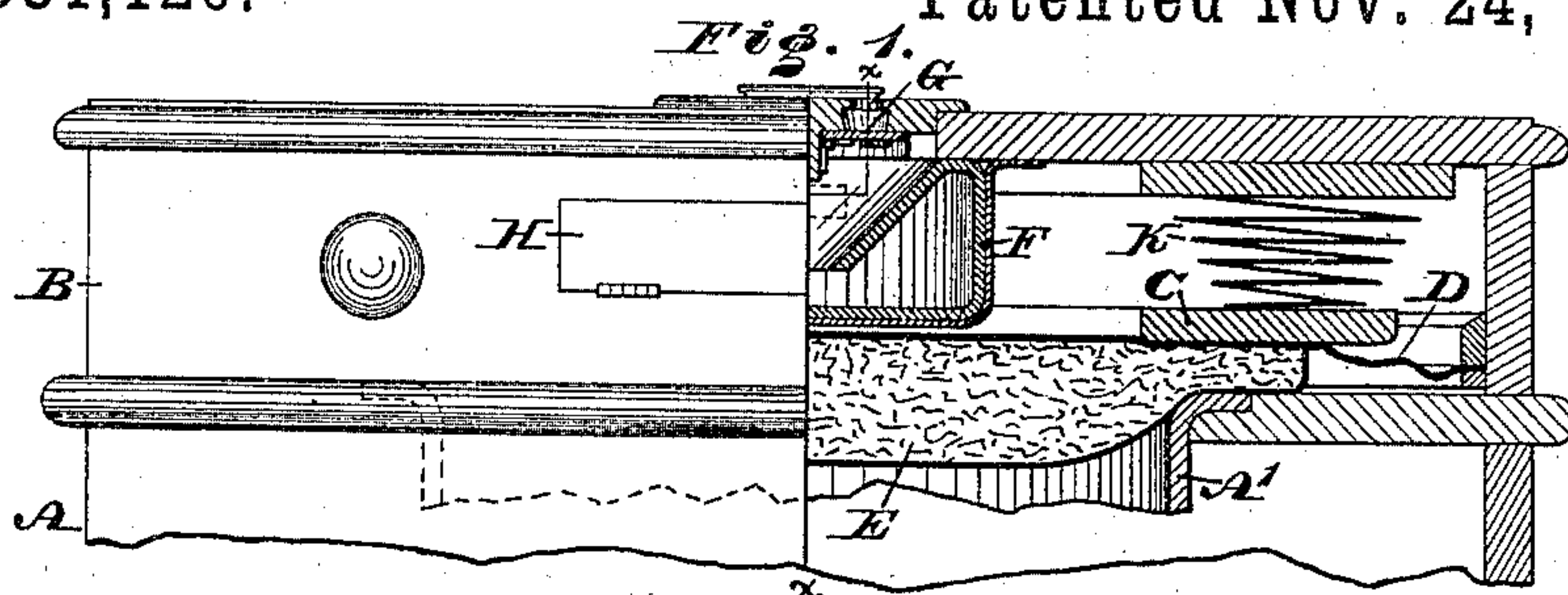
(No Model.)

A. EISENBACH.

COMMODE.

No. 331,120.

Patented Nov. 24, 1885.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

ALBERT EISENBACH, OF PHILADELPHIA, PENNSYLVANIA.

## COMMODE.

SPECIFICATION forming part of Letters Patent No. 331,120, dated November 24, 1885.

Application filed August 27, 1885. Serial No. 175,437. (No model.)

*To all whom it may concern:*

Be it known that I, ALBERT EISENBACH, a subject of the Emperor of Germany, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Commodes, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 represents a partial front view and partial vertical section of a portion of a commode embodying my invention. Fig. 2 represents a vertical section thereof in line *x x*, Fig. 1. Fig. 3 represents a top or plan view thereof, also of the valve of the lid of the commode overturned on said lid.

Similar letters of reference indicate corresponding parts in the several figures.

My invention consists of the lid of a commode, of bellows form, and having a disinfectant-chamber, so that by the operation of opening or closing the commode a disinfectant or air impregnated therewith may be ejected from the lid.

Referring to the drawings, A represents the upper portion of the body of a commode, and B represents the lid of the commode, which is hinged to said body and formed hollow, the bottom whereof is closed by a frame, C, and pieces D of pliable or flexible material connecting said frame with the side pieces of the lid.

On the under side of the frame C is a cushion, E, which covers the opening in the frame C, and when the lid is closed rests softly on the chamber A' of the commode and forms a tight joint therewith, it being evident that the frame C may be solid instead of the open form shown. Depending from the lid is a chamber or holder, F, for disinfecting-material, above which are valves G, (one or more,) which are secured to the lid and open inwardly for admitting air to said chamber F. In the wall of said chamber are openings F', whereby there is communication between said chamber and the hollow lid B.

In one of the sides of the lid B, preferably the front, is a valve, H, the same opening outwardly, and having connected with it a spring, J, for closing the same.

Interposed between the top of the lid and the frame C are springs K, which serve to force said frame from the lid when the lid is opened, and are compressed when the lid is closed on its seat, thus producing a bellows-

like action of the lid. It will be seen that when the lid is opened the frame C moves quickly downward under action of the springs K, whereby the valves G open, admitting air to the disinfecting-chamber F, and passing the same impregnated into the lid, the valve H remaining closed. When the service of the commode is ended, the lid is closed, whereby the bottom or frame, C, moves toward the top of the lid, thus closing the valves G, compressing the impregnated air, and opening the valve H, whereby said air is forced into the apartment and the latter is accordingly disinfected.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A commode-lid consisting of a box having its lower portion connected to the main part by a pliable material and springs, and provided with a cushion, substantially as described

2. A hollow commode-lid having a disinfectant-chamber within the same provided with a valve opening to the atmosphere, the said lid also being provided with a flexible yielding lower portion, substantially as and for the purpose set forth.

3. A commode-lid formed hollow with bellows-like parts C D, and springs K, a disinfectant-holder, F, a valve, G, for inlet of air to said holder, and a valve, H, for outlet of the disinfectant or air impregnated therewith from the interior of the lid, said holder being in communication with the lid, substantially as described.

4. A commode having a bellows-lid covering the seat, the said lid being provided with a disinfectant-chamber therein, substantially as described.

5. A commode-lid having an under portion thereof connected thereto by a piece of pliable material, and provided with a cushion, substantially as described.

6. A commode-lid provided with a yielding under portion having a cushion, the said lid containing a disinfectant-chamber having a valve communicating with the atmosphere, the interior of said lid having direct communication with the atmosphere, substantially as and for the purpose set forth.

A. EISENBACH.

Witnesses:

JOHN A. WIEDERSHEIM,  
A. P. GRANT.