

E. K. GOSS.
Dust-Pan.

No. 210,849.

Patented Dec. 17, 1878.

Fig. 1

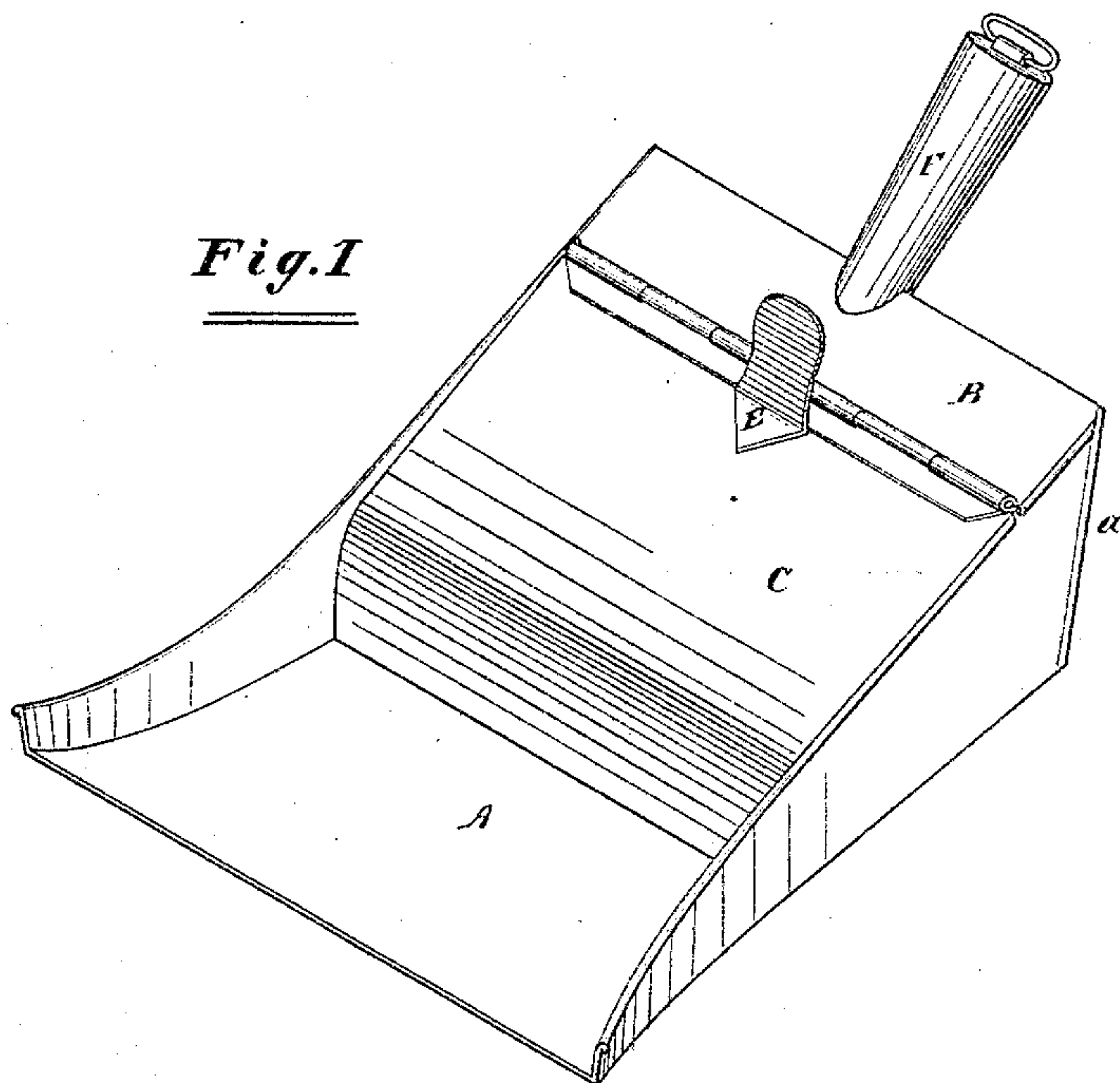
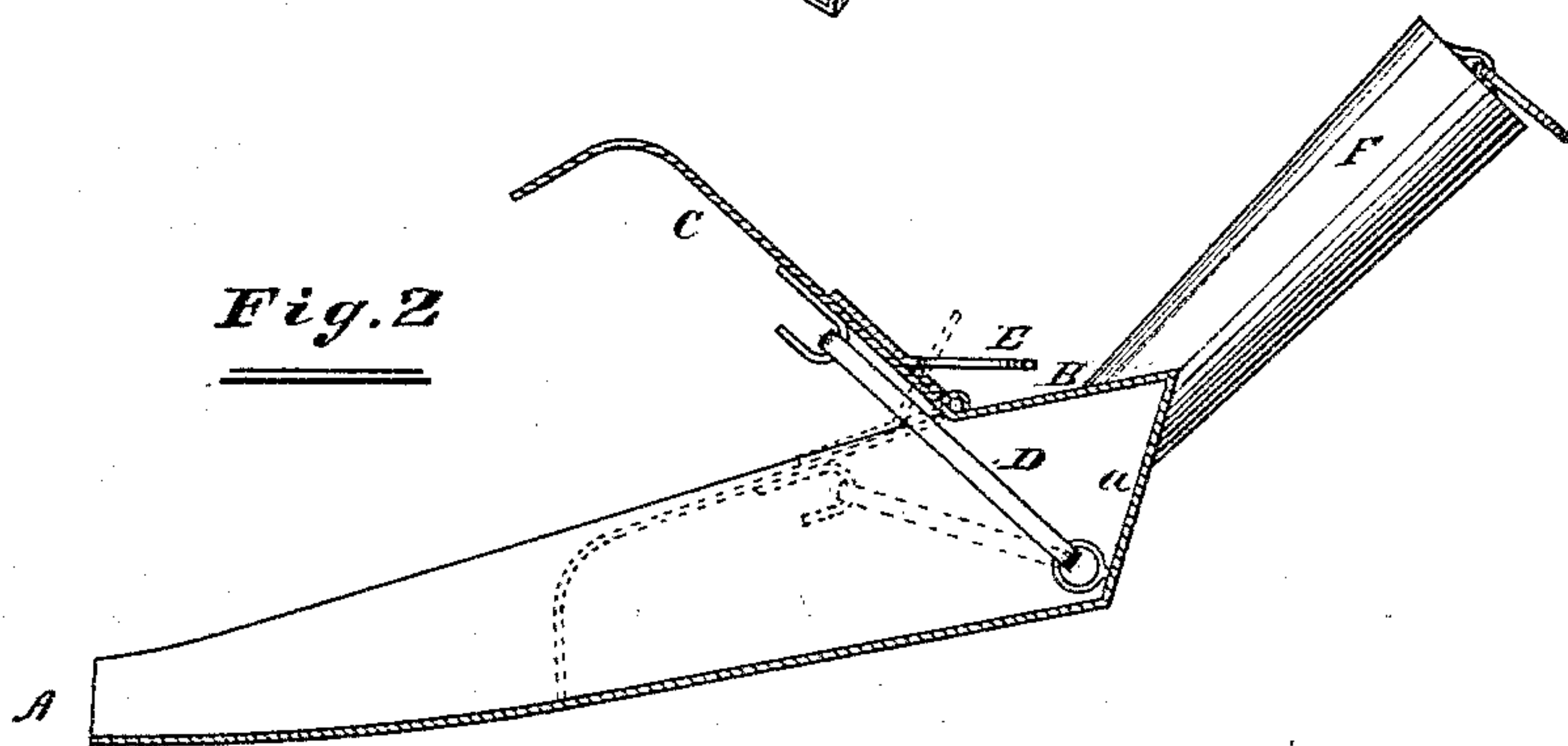


Fig. 2



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UNITED STATES PATENT OFFICE.

EDWARD K. GOSS, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN DUST-PANS.

Specification forming part of Letters Patent No. **210,849**, dated December 17, 1878; application filed May 17, 1878.

To all whom it may concern:

Be it known that I, EDWARD K. GOSS, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Dust-Pans; and do hereby declare that the following, in connection with the accompanying drawing, is a specification thereof.

Figure 1 in the drawing is a perspective view of a dust-pan embodying my invention, and Fig. 2 a vertical longitudinal section thereof.

Like letters of reference indicate like parts.

A represents the body of the pan, which may be made in the ordinary manner, excepting that the back piece, *a*, should be higher than usual, and preferably straight, as shown. B is a cross-piece or top, extending from the upper edge of the piece or part *a* forward, and from one side of the pan to the other. C is a lid or trap, hinged at its rear end to the forward edge of the part B. D is spring, connecting the under side of the part C to the rear part of the body of the pan. This spring may consist of rubber, or it may be a metallic spiral spring, or other suitable and convenient form of spring for rendering the lid C yielding, and holding it down against the bottom of the pan.

It will be observed that the lid C is bent downward at its forward end, so that it will stand considerably above the bottom of the pan. The forward end of the lid is also considerably to the rear of the forward edge of the bottom of the pan, and the lid, when closed, thus forms or incloses a large dust-receiving chamber in the rear part of the pan. The open or uncovered part of the pan-bottom is also sufficiently large to receive and retain the dirt or dust that may be swept upon it. E is a thumb-piece or lid-raiser, which, by being depressed or pushed down and back, causes the lid C to open, as indicated in Fig. 2. F is the handle. I apply the handle by cutting V-notches in its lower end, and by setting it down or upon the rear upper corner, formed by the junction of the parts *a* and B, the handle being fastened to these parts by

soldering. The handle will thus be inclined sufficiently to render it convenient for use, and it will also be firmly fastened without being provided with the usual tongue or extension to form a place for receiving either solder or rivets.

The user sweeps the dirt or dust upon that part of the bottom of the pan behind which the lid C is arranged, holding the pan in the usual manner. When as much dirt or dust as may be easily held upon the forward part of the pan is thus collected, the lid C should be raised in the manner described, and the dirt and dust pushed underneath it, when the lid may be released and more sweepings collected. In this manner the bulk of the dirt swept up may be retained in the rear part of the pan, and thus prevented from sliding forward upon the floor which is being swept.

The pan is simple in its construction and operation, and is cheap, light, and durable. Being, with the exception of the yielding lid, much like ordinary dust-pans in construction, the mode of using it will be readily understood.

I am aware that dust-pans having dust-receiving chambers closed by means of movable parts have heretofore been made, and I do not therefore here intend to claim such, broadly; but,

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

A dust-pan consisting of the body A, provided with the handle F, in combination with the yielding lid C, hinged or jointed at its rear end to the cross-piece or top B, and there provided with the thumb-piece or lifter E, the said lid being arranged between the sides of the body and turned down at its forward end to there meet the bottom of the pan, the said parts being also connected to each other by means of a spring, D, arranged below the lid, substantially as and for the purposes specified.

EDWARD K. GOSS.

Witnesses:

F. F. WARNER,

CHAS. H. SCHOFF.