

S. M. THOMPSON.

DISINFECTING COVERS FOR PAILS.

No. 175,843.

Patented April 11, 1876.

Fig. 1

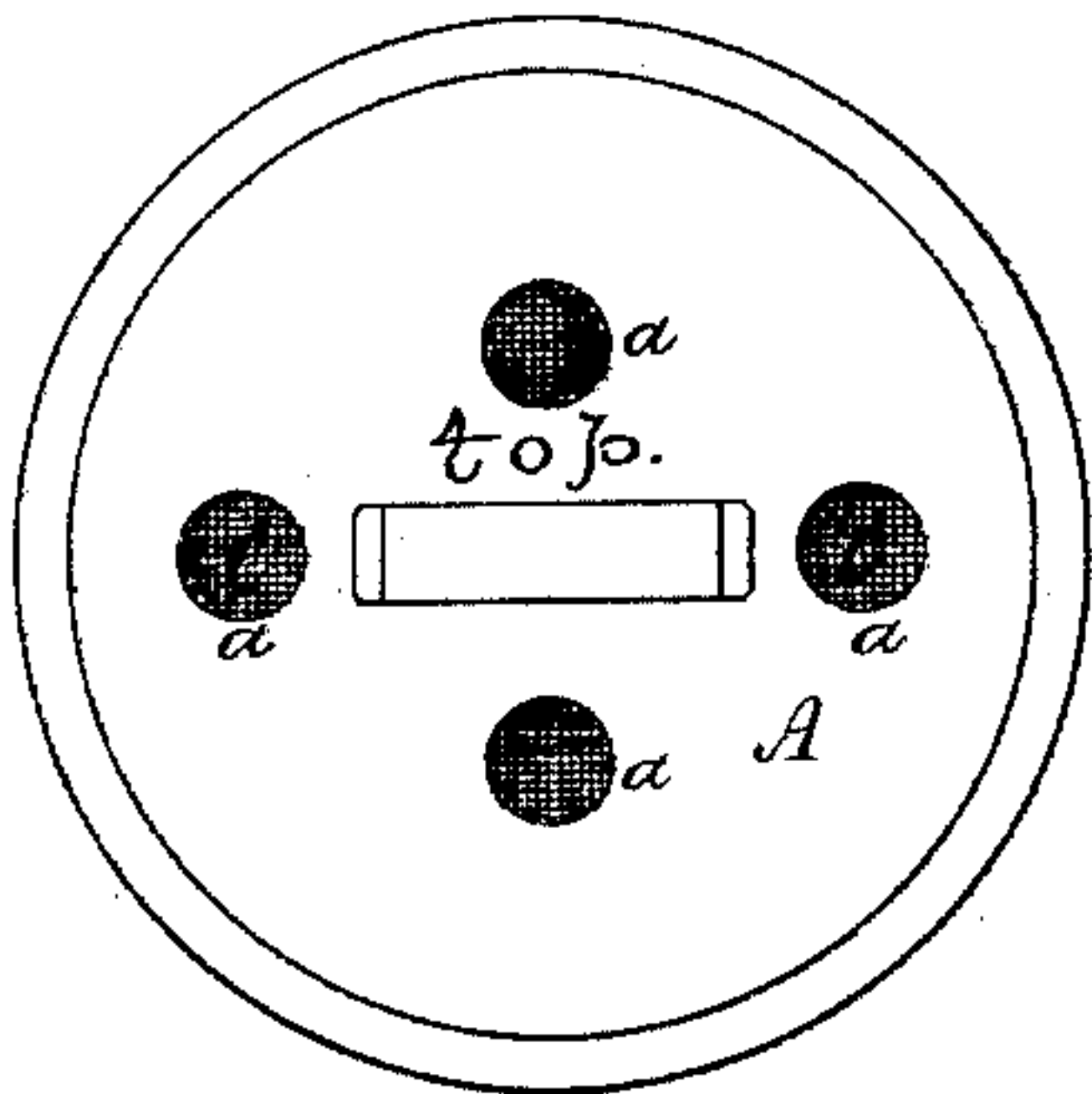


Fig. 2.

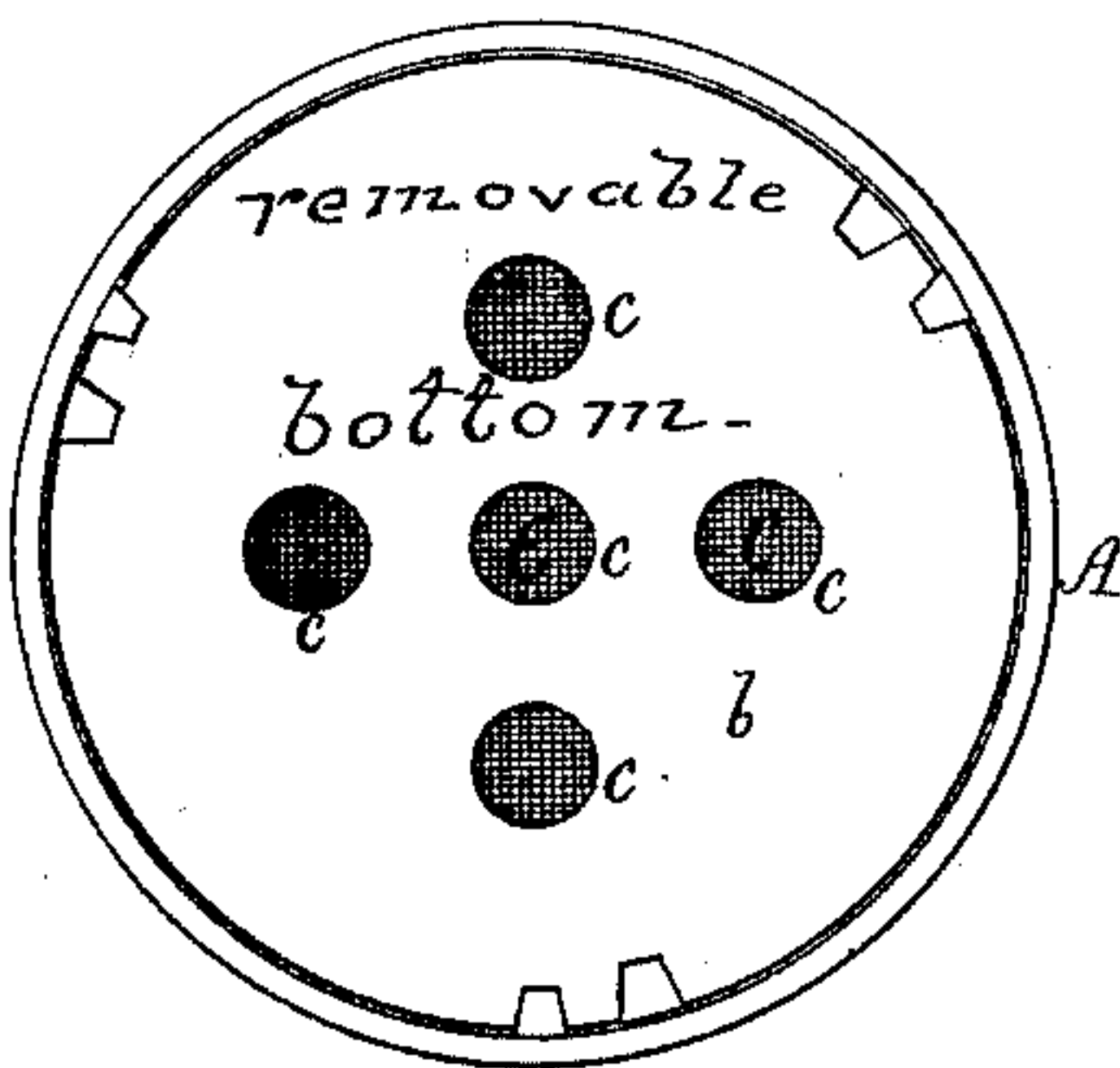
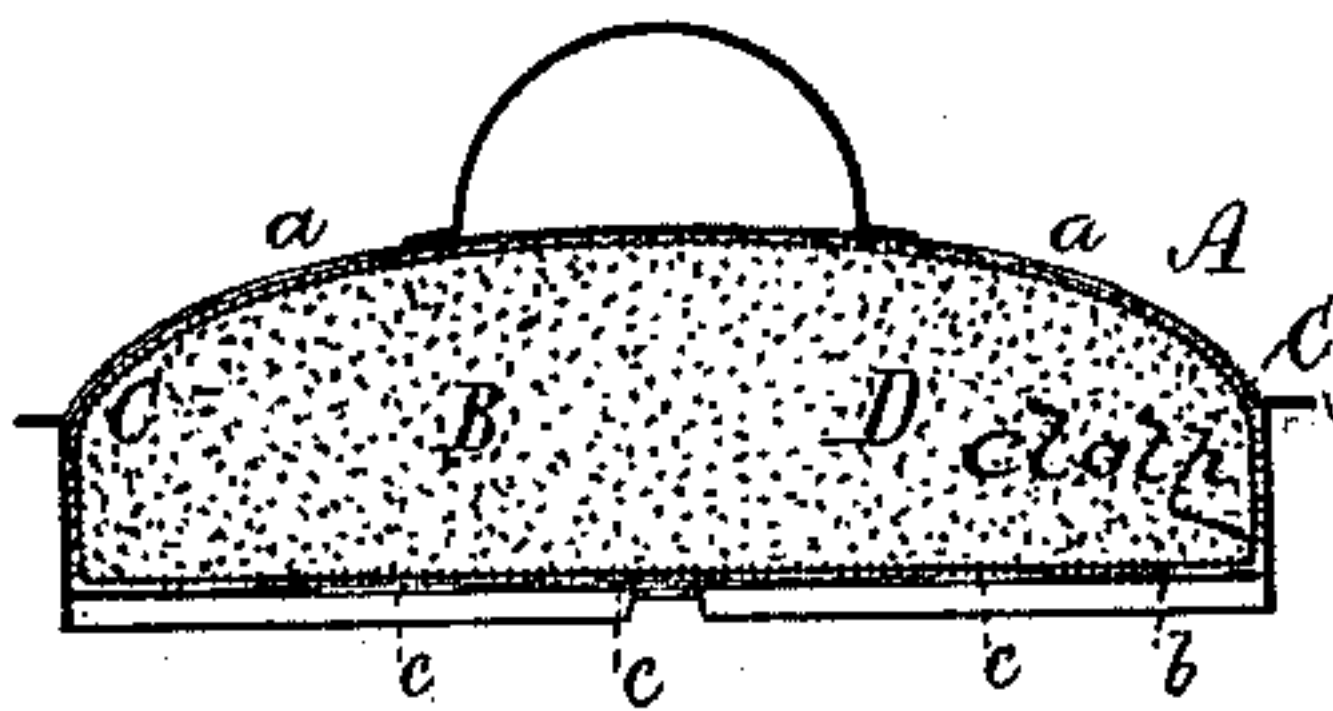


Fig. 3.



Witnesses.

S. M. Piper
L. W. Möller

S. Millett Thompson.

by his attorney
R. H. Eddy

UNITED STATES PATENT OFFICE.

S. MILLETT THOMPSON, OF PROVIDENCE, RHODE ISLAND.

IMPROVEMENT IN DISINFECTING COVERS FOR PAILS.

Specification forming part of Letters Patent No. **175,843**, dated April 11, 1876; application filed September 21, 1875.

To all whom it may concern:

Be it known that I, S. MILLETT THOMPSON, of the city and county of Providence, of the State of Rhode Island, have invented a new and useful Disinfecting or Deodorizing Cover for Slop-Pails, or various other vessels; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a top view, Fig. 2 a bottom view, and Fig. 3 a transverse section, of one of the said covers.

The cover A is provided with a chamber, B, having openings *a a* in its top. It also has a removable bottom, *b*, perforated with openings *c c*, the bottom being held to the sides of the chamber by what is termed a "bayonet" connection.

There is placed within the cover a cloth bag, C, containing a quantity, D, of charcoal or some other proper disinfecting or deodorizing matter or substance, the bag, with its filling, being to enable the gases escaping from the vessel upon which the cover may be placed to pass into it through such cover.

When the cover is applied to any vessel containing offensive matter, the fumes or gas generated by the offensive matter are compelled to pass into or through the disinfecting or deodorizing substance or compound, and to become innocuous and inoffensive. When the charcoal or other disinfecting substance or compound has become saturated with gas, a new supply can be easily put into the receptacle by removing the loose sliding bottom or cover of the receptacle. The uses for this article are very numerous in sick-rooms, hos-

pitals, dissecting-rooms, and in houses generally.

This cover is applicable, with great advantage, to numerous vessels, such as milk-cans, meat-boxes, refrigerators, fruit-cans, &c., it being for the purpose of keeping the offensive or injurious gases in the atmosphere from coming in contact with their contents, when a supply of air may be necessary or desired to reach said contents.

I am aware that a deodorizing-cover consists of a covered pan provided with a nozzle for supplying it with liquid, and also with an opening in its bottom, and a valve to such opening, the said opening being to discharge such liquid into a vessel when covered by the pan, and the valves being to close the opening as occasion may require. Therefore I do not claim such, my disinfecting or deodorizing apparatus being of a different construction, and designed to hold charcoal, or a matter through which the gases arising from a vessel, when covered by such apparatus, may pass, and flow through the bottom and top of such apparatus.

I therefore claim—

The improved manufacture or deodorizing or disinfecting apparatus or cover described, consisting of the flanged, chambered, and perforated cover A, the removable and perforated bottom *b*, and the gas-pervious bag C, of charcoal or disinfecting or deodorizing matter, all constructed and arranged substantially as specified.

S. MILLETT THOMPSON.

Witnesses:

R. H. EDDY,
S. N. PIPER.