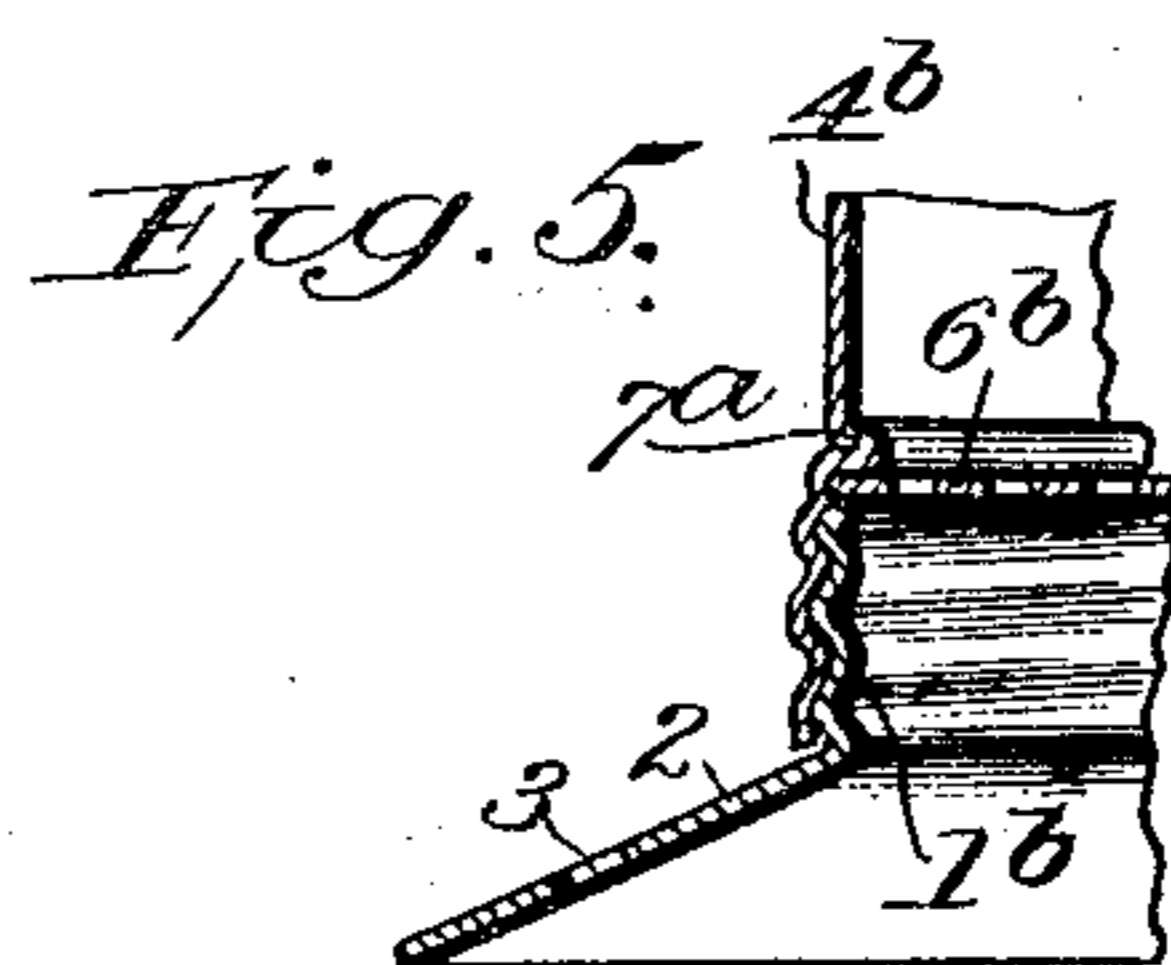
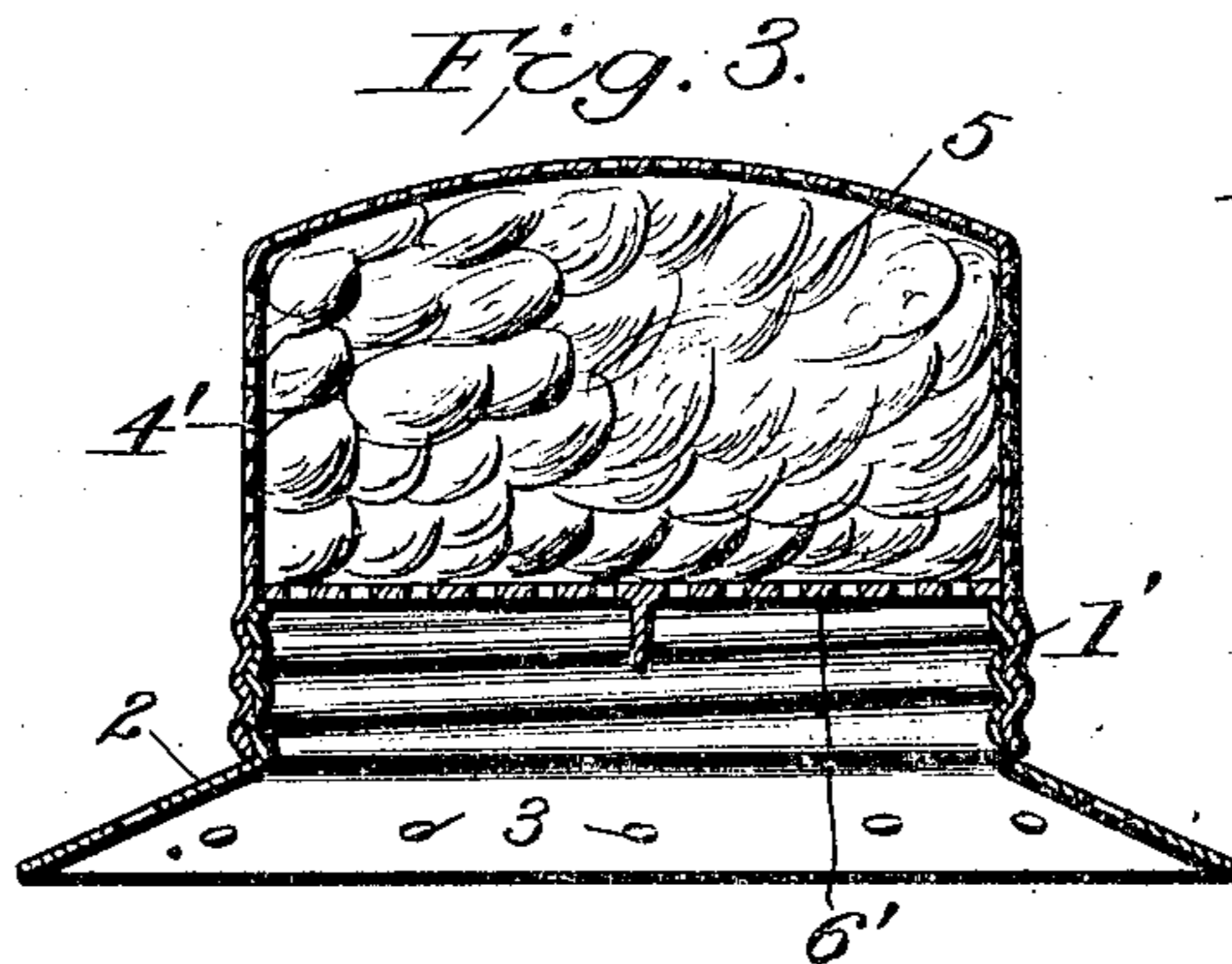
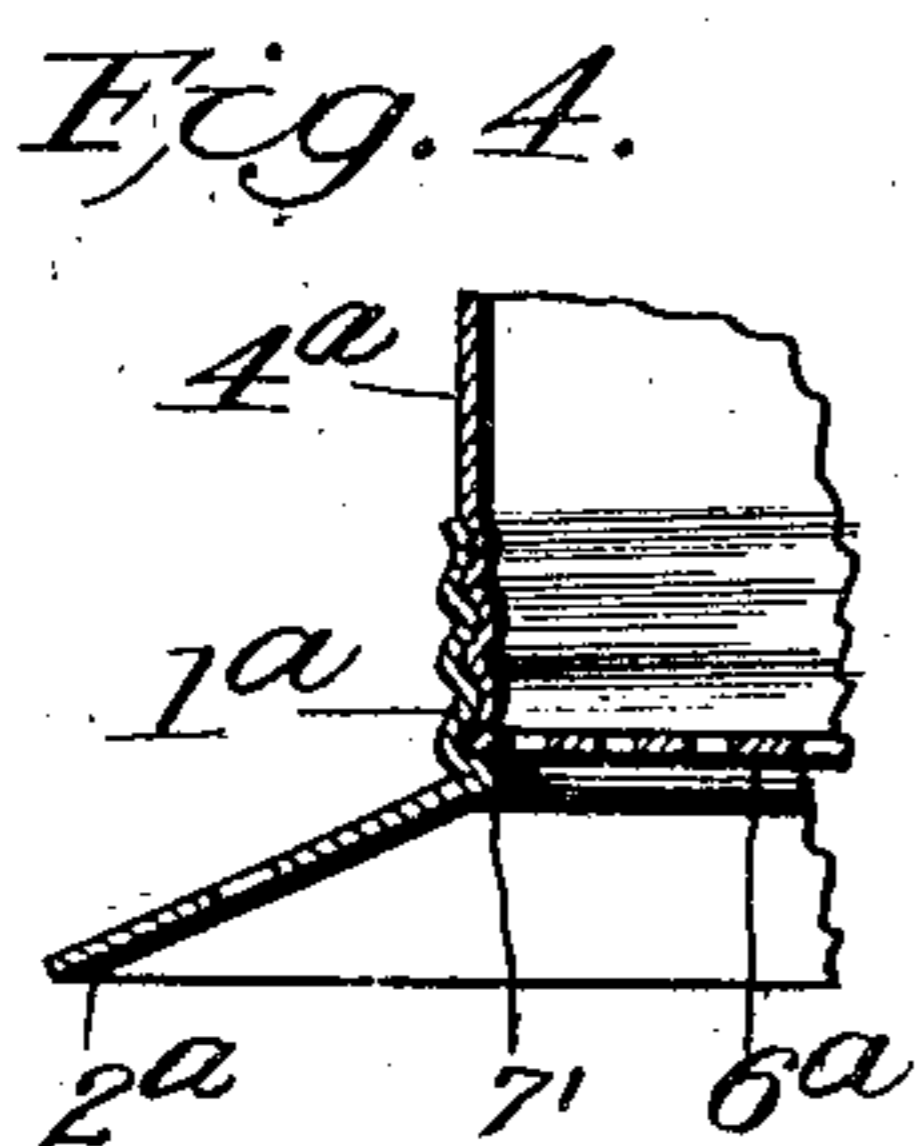
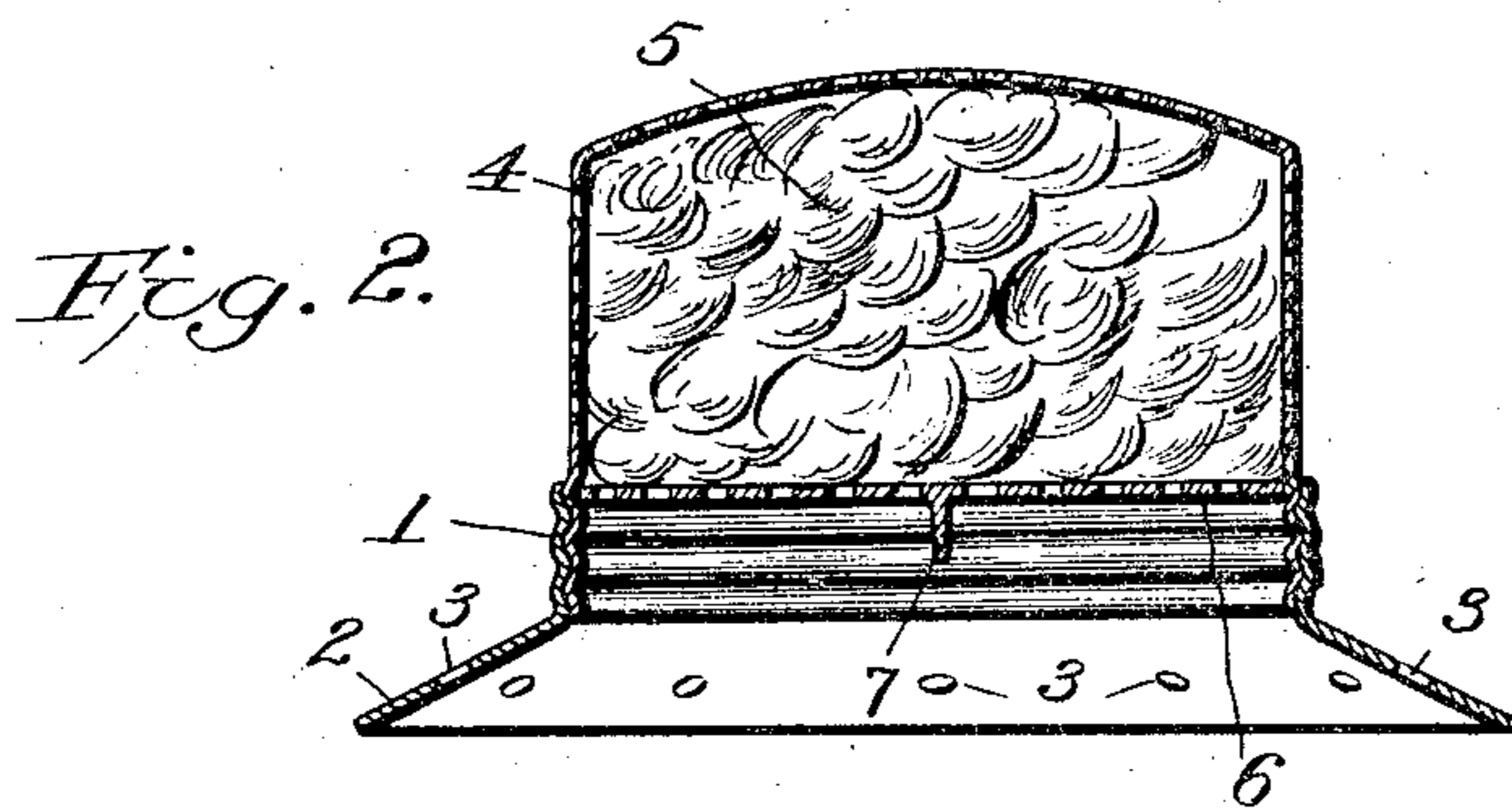
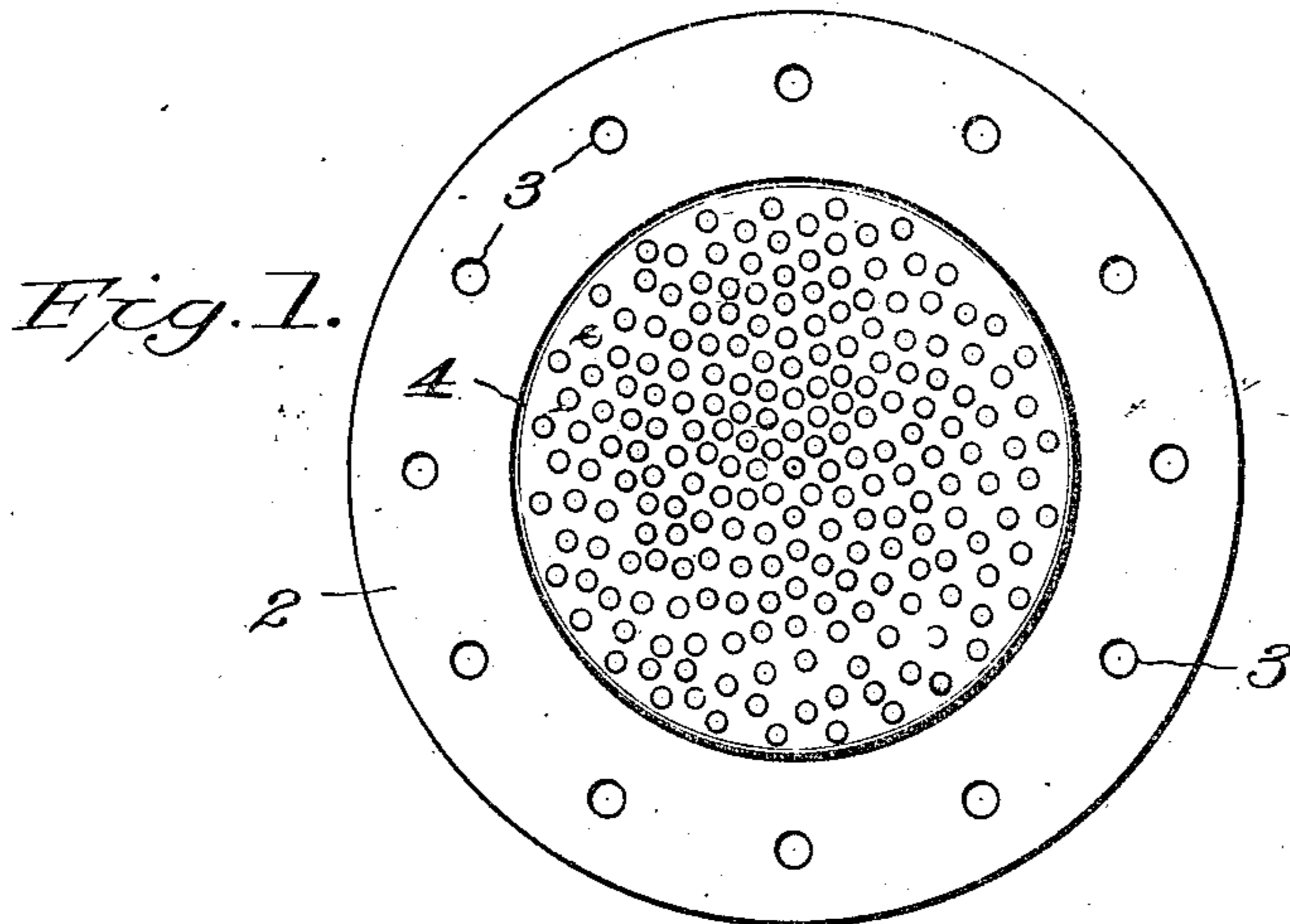


No. 877,309.

PATENTED JAN. 21, 1908.

R. B. EMERSON.
DEODORIZER RECEPTACLE.
APPLICATION FILED SEPT. 22, 1903.



Witnesses

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ROBERT B. EMERSON, OF JACKSON, MICHIGAN.

DEODORIZER-RECEPTACLE.

No. 877,309.

Specification of Letters Patent.

Patented Jan. 21, 1903.

Application filed September 22, 1906. Serial No. 335,805.

To all whom it may concern:

Be it known that I, ROBERT B. EMERSON, a citizen of the United States, residing at Jackson, in the county of Jackson and State of Michigan, have invented certain new and useful Improvements in Deodorizer-Receptacles, of which the following is a specification.

This invention relates to receptacles, and more particularly to those employed for holding deodorizers and the like, and has for its object to provide a device of this character adapted for use in bath rooms, closets, sickrooms, stables, and other places requiring such devices, and the device may also be employed in receptacles for garbage and the like where it is desired to neutralize offensive odors and to disinfect the atmosphere.

Another object of the invention is to provide a simply constructed device which may be attached to a permanent support, such as the wall or floor of a room, or within a receptacle for garbage and the like, or in other localities, and which may be readily disconnected for the renewal of the disinfecting material without detaching the device from its support.

Another object of the invention is to provide a simply constructed device of this character which may be readily increased or decreased in size to adapt it to the quantity of disinfecting material.

With these and other objects in view, the invention consists in certain novel features of construction hereafter described and specifically pointed out in the claims and illustrated in the accompanying drawings, and in the drawings thus employed is illustrated the preferred form of embodiment of the invention.

In the drawings:—Figure 1 is a plan view of the improved invention. Fig. 2 is a vertical sectional view of the same. Figs. 3, 4 and 5 are sectional detail views illustrating modifications in the construction of the improved device.

The improved device comprises a base section or shell having a threaded upper portion 1 and a flaring lower portion 2, the flaring portion having spaced apertures 3 to receive the holding devices, such as screws, tacks, or the like, by which it may be secured to a permanent support, such as the wall or floor of the room, or within a receptacle of

any desired character, such as a garbage can or the like. An upper shell 4 is also provided, open at the lower end and with the upper portion perforated, the lower open portion being externally and internally threaded, the external threads adapted to engage a threaded portion of the base shell, as shown. By this simple means the upper shell may be readily detached from the lower stationary shell without disturbing the latter. Fitting with the internally threaded portion of the upper shell is a disk 6, the disk engaging the internal threads and supported in position thereby.

The absorbent material, which serves as a vehicle for the deodorizing compound, is indicated at 5, and may be of any suitable material usually employed for this purpose, and is supported in place within the shell 4 by the disk 6. By this arrangement it will be obvious that the absorbent material may be compressed within the shell 4 by rotating the disk 6 and causing it to move upon the internally threaded portion of the upper shell, and to facilitate this movement of the disk, the latter is provided with a thumb piece 7, as shown.

In Fig. 3, a perforated disk, indicated at 6', is shown fitted directly upon the upper annular edge of the threaded upper portion or neck of the base shell, indicated at 1'.

In the modified construction shown in Fig. 4, the threaded portion of the base section is indicated at 1^a and the flaring flange portion at 2^a and is formed with an annular shoulder 7' upon which the perforated disk, indicated at 6^a, rests, and is clamped thereupon by the threaded portion of the upper section, indicated at 4^a. In the modified structure shown in Fig. 5, a perforated disk, indicated at 6^b, is clamped between an annular shoulder 7^a formed upon the upper section indicated at 4^b and the threaded neck portion of the base shell, indicated at 1^b.

From the foregoing, it will be obvious that a very simply constructed device is produced, which may be readily attached by its base portion to any stationary structure, and the upper portion carrying the deodorizing material attached to or detached from the base portion for the purpose of renewing the deodorizing material, and without disturbing the base portion. It will be also obvious that the absorbent material may be com-

pressed within the upper shell to any required extent within the range of the inner threads of the upper shell.

Having thus described the invention, what is claimed as new is:—

1. In a device of the class described, a base shell having a flaring lower portion and a threaded upper portion, the flaring portion adapted to be attached to a permanent support, an upper shell having a perforated upper portion and an internally and externally threaded lower portion and adapted to be detachably engaged by the base shell, and a perforated disk disposed at the junction of the two shells, and means whereby said disk is adapted to support the material within the upper shell and to compress the material therein.

2. A device of the class described comprising a base shell having a flaring lower portion and adapted to be secured to a permanent support and with the upper portion threaded, an upper perforate shell with an open lower end externally and internally threaded and detachably engaging said base shell by its externally threaded portion, and a perforated disk adjustably engaging the inner threaded portion of said outer shell.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ROBERT B. EMERSON.

Witnesses:

JAMES M. ADAMS,
EDWARD A. WERNER.