

No. 871,803.

PATENTED NOV. 26, 1907.

F. KENDALL.
SALT SHAKER.

APPLICATION FILED JAN. 8, 1906.

Fig 1

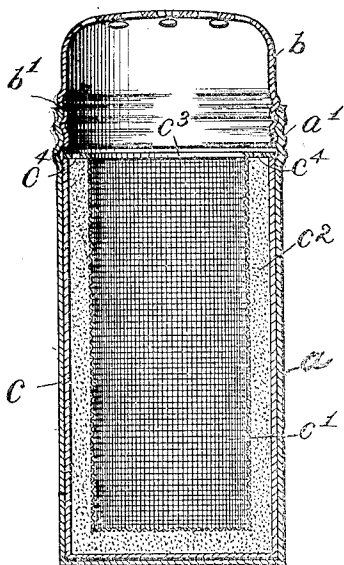


Fig 2.

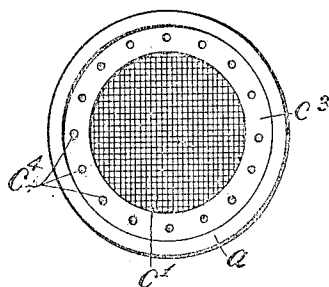


Fig 3.

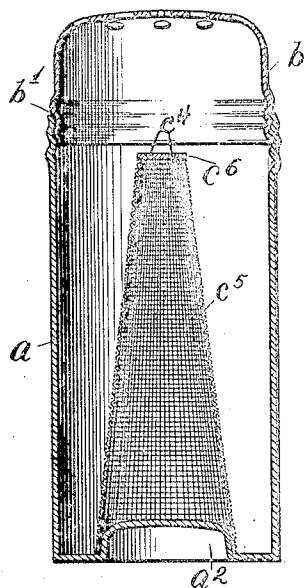
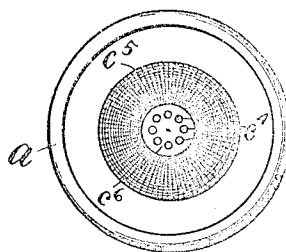


Fig 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

FRANK KENDALL, OF GRANT PARK, ILLINOIS.

SALT-SHAKER.

No. 871,803.

Specification of Letters Patent.

Patented Nov. 26, 1907.

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To all whom it may concern:

Be it known that I, FRANK KENDALL, citizen of the United States, residing at Grant Park, in the county of Kankakee and State of Illinois, have invented certain new and useful Improvements in Salt-Shakers, of which the following is a specification.

This invention relates to improvements in salt containers or shakers of the style in which the salt is held in a suitable box provided with a detachable cover having perforations through which the salt is distributed.

The especial object of my improvements is to provide means for absorbing from the salt the moisture which it takes from the atmosphere so that it will not pack or solidify in the container nor clog up the perforations in the cover.

In the accompanying drawing which forms a part of this application, I have shown a preferred and a modified form respectively, of my device, and desire it to be understood that various other modifications may be made in its construction and arrangement all within the scope and principles of my invention.

In said drawing:—Figure 1 is a vertical section taken through a salt container constructed according to an approved form or design; Fig. 2 is a top plan view of the container with the cover removed; Fig. 3 is a vertical section of a modified form of my improved salt shaker and:—Fig. 4 is a top plan view of the design shown in Fig. 3, with the cover removed.

Referring to the details of the invention, *a* represents a cylindrical metal box the upper open end of which is provided with annular threads as *a*¹. *b* is a perforated metal cover which is provided with annular threads adapted to engage the threads *a*¹ of the box *a*. Arranged in the box and extending from the bottom of same to near the top is a tubular receiver which consists of a cylindrical metal box *c* adapted to fit closely the inner walls of the container *a*, and within this box and spaced from its walls, is a tube *c*¹ formed of wire gauze the same being closed at the bottom and open at the top. In the annular space between the tube *c*¹ and the walls of the box *c*, is placed powdered corn-starch *c*² or other suitable substance in powdered form which has an affinity for moisture, and which is unobjectionable and non-injurious should any portion of it pass through the

wire gauze and be mingled with the salt which is placed within the tube *c*¹. The annular chamber between the walls of the tube *c*¹ and the box *c* is closed at the top by a ring *c*³ which is suitably secured to the upper edges of the box and the wire tube respectively and is provided with a plurality of annularly arranged holes *c*⁴.

In practice, the member composed of the tube *c*¹ and the box *c* will be arranged within the container *a*, so that it can be removed by unscrewing the cover *b*, and will be held in position by the lower edge of the cover *b* when the latter is in place.

In a device constructed as described, more or less of the moisture in the salt which is placed in the tube *c*¹ will be taken up by the starch or other absorbent substance *c*², and the moisture will be given off or evaporated through the openings *c*⁴, thus rendering the absorbent constantly effective.

In the form of the device shown in Figs. 3 and 4, I substitute for the tube *c*¹, and box *c*, with the annular chamber therebetween, a trunco-conical wire gauze member *c*⁵ which is secured in the center of the container *a*, by inserting the central struck-up portion *a*² of the container in the lower end of the member *c*⁵, such portion forming the bottom and closure for this end of said member. The upper end of the member has a disk *c*⁶ suitably secured thereon and said disk is provided with a plurality of openings *c*⁴. In this construction the absorbent substance will be placed within the member *c*⁵ and the salt will surround it filling the space between the walls of such member and the inner walls of the container. The function of the member *c*⁵ will be the same as the corresponding member shown in Fig. 1.

Having thus described my invention, I claim:—

1. A salt shaker comprising a receptacle having a perforated cap, a receiver for absorbent material within said receptacle having a side wall formed of reticulated material and having a perforated top within the receptacle and below and spaced from said perforated cap.

2. A salt shaker comprising a receptacle having a perforated cap, a receiver for absorbent material removably held within said receptacle, said receiver having the portions of the walls thereof which lie in contact with the salt formed of reticulated material, and

having its top perforated and positioned within the receptacle and below and spaced from said perforated cap.

3. A salt shaker comprising a receptacle
5 having a perforated cap, a receiver for absorbent material consisting of a frusto conical member having its side walls formed of reticulated material, its larger open end being removably seated about a circular raised
10 portion formed on the bottom of the recep-

tacle, its smaller upper end being perforated and positioned below and spaced from said perforated cap.

In testimony whereof I affix my signature in presence of two witnesses.

FRANK KENDALL.

Witnesses:

J. S. ZIMMERB,
J. RAYHORN.