

H. J. WHITE.
Table Salt-Bottle

No. 198,554.

Patented Dec. 25, 1877.

Fig. 1.

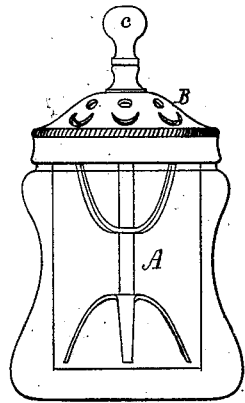


Fig. 2.

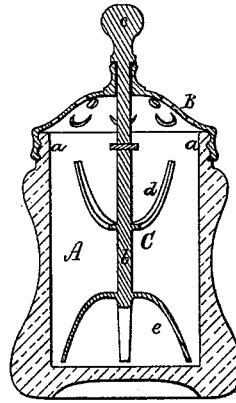
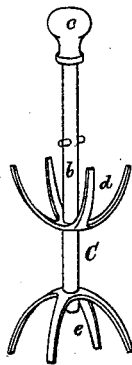


Fig. 3.



Witnesses

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by his attorney,
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UNITED STATES PATENT OFFICE.

HIRAM J. WHITE, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO DANA K. ALDEN, OF SAME PLACE.

IMPROVEMENT IN TABLE SALT BOTTLES.

Specification forming part of Letters Patent No. **198,554**, dated December 25, 1877; application filed December 11, 1877.

To all whom it may concern:

Be it known that I, HIRAM J. WHITE, of Boston, of the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Table Salt Bottles; and do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a side view, and Fig. 2 a vertical section, of a salt-bottle provided with my invention. Fig. 3 is a perspective view of the agitator, to be hereinafter described.

It is well known that table-salt is liable to deliquesce and become hard or cake when in an open bottle or other vessel.

My invention is for the purpose of stirring or breaking up the salt, in order to prevent it from caking in the body as well as in the perforated cover of the bottle. Such invention is also to break up the salt when caked, either in the body or the cover of such bottle.

To this end I use in the bottle a rotary agitator, having a shank extending through the cover, and provided with a knob, such agitator being movable lengthwise, besides being capable of being revolved in the cover by the thumb and forefinger of the hand of a person applied to the knob. This agitator has two sets of curved prongs, one of which projects

downward toward the bottom of the bottle, and the other upward toward the cover, all being substantially as represented in the drawings, in which—

A denotes the salt holder or bottle, provided with a perforated cap, B, screwed upon its neck *a*. The agitator G is composed of a cylindrical wire or shank, *b*, a knob, *c*, and two series of curved prongs, *d e*, all arranged in and with the cover, in manner as shown.

By drawing the agitator upward and revolving it, salt that may gather in the cover or stop its holes of discharge may be broken up. So, by depressing the agitator and revolving it within the bottle, salt that may cake in the bottom of such bottle may be broken up. By alternately moving the agitator up and down in the bottle, and at the same time revolving such agitator, the body of the salt may be stirred.

I claim—

The agitator, substantially as described, movable in manner and by means as set forth, in combination and arranged with the bottle and its perforated cap or cover, as specified.

HIRAM J. WHITE.

Witnesses:

R. H. EDDY,
JOHN R. SNOW.