No. 659,822. Patented Oct. 16, 1900.

W. H. MOORE.

SALT CELLAR.

(Application filed July 18, 1899.)

(No Model.)

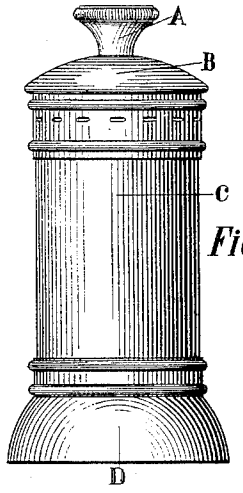


Fig. 1.

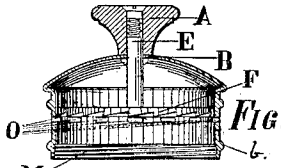


Fig. 2.

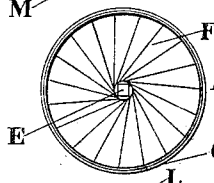


Fig. 3.

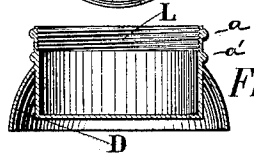


Fig. 4.

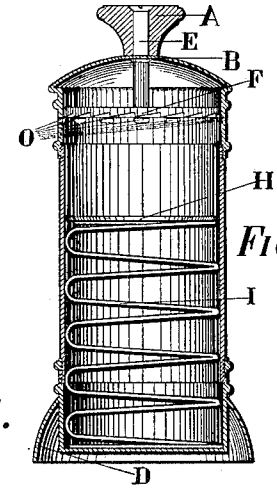


Fig. 5.

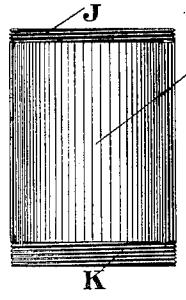


Fig. 6.

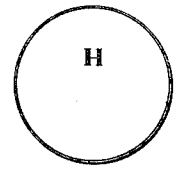


Fig. 7.

Witnesses.

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

WILLIAM H. MOORE, OF DEADWOOD, SOUTH DAKOTA.

SALT-CELLAR.

SPECIFICATION forming part of Letters Patent No. 659,822, dated October 16, 1900.

Application filed July 18, 1899. Serial No. 724,243. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. MOORE, a citizen of the United States, residing at Deadwood, in the county of Lawrence and State of South Dakota, have invented a new and useful Salt-Cellar, of which the following is a description.

My invention relates to improvements in salt-cellars, and has for its object a device consisting of few parts, which can easily be put together and efficiently operated, so that the contents thereof may be readily delivered therefrom at all times when desired whether the same be damp or dry; and for this purpose it consists of the combination of parts hereinafter set forth and claimed.

In the accompanying drawings, which form a part of this specification, Figure 1 represents a side view of the device. Fig. 2 represents a vertical section of the cap with inclosed bur. Fig. 3 represents a bottom plan view of the bur shown in Fig. 2. Fig. 4 represents a vertical section of the bottom portion or stand of the device. Fig. 5 represents a vertical section of the entire device. Fig. 6 represents a sectional view of the main body portion of the device, and Fig. 7 represents a bottom plan view of the part shown in Fig. 6.

Similar letters represent like parts in the different figures.

The body of the salt-cellar is composed of a cap B, a main body portion C of tubular form, and a bottom or stand D, having an enlarged base or flanged portion, so that it may have firm support on the table on which it may be placed. The body C has on its lower end a screw-threaded section K, which engages with the screw-threaded section L on the upper end of the bottom part D, and the cap B has on its lower end a screw-threaded section M, which engages with a screw-threaded section J on the upper end of the main body C, so that these several parts may be separated as desired either for filling the device or for any other necessary purpose. Within the body is a follower H, consisting of a disk fitting snugly within said body or the continuations thereof, so as to support the salt or other contents thereon. The said follower H is normally pressed upward by the coil-spring I, which bears against the under side of the follower and the inner lower face of a tubular portion of the base or bottom portion D.

Within the cap B, which is closed at the top, is a bur F, which is provided with a vertical rotary shaft E, swiveled or having a bearing in the top of the cap and provided with a milled head A outside of the said cap, so as to be readily operated. The bur, which is always at the same distance from the top of the cap, is provided on its under side with a number of teeth diverging toward the sides of the cap, so that as it is rotated the salt in contact therewith is broken, if in lumps, and forced toward and through the perforations O O in the sides of the cap.

In filling the device either the bottom D may be unscrewed from the main body portion, the follower H, with spring I, removed, and the main body portion inverted, when the salt may be placed therein, after which the follower and spring are replaced and the bottom D secured to the part C, or the cap B, with bur, may be removed and the salt pressed down upon the follower H, forcing the spring I into the lower part of the body portion or in the bottom D, when the cap is replaced, the bur F bearing upon the salt. By rotating the shaft E by means of the milled head A the teeth of the bur grind or break the salt in contact therewith, if in lumps, forcing it toward and out of the perforations or openings O O in the sides of the cap adjacent to the outer edge of the bur.

The side walls of the bottom portion D are formed with a bead or thickened portions a and a', the former at the outer edge of the screw-threaded portion thereof and the latter formed at the inner end of the same, so as to strengthen that portion of the device.

A bead or thickened portion b is also formed on the screw-threaded lower end of the cap for a like purpose.

Having explained the invention, what I desire to claim and secure by Letters Patent is—

1. A salt-cellar consisting of a cap and body portions, said cap having perforations in its sides, a rotary bur with its shaft journaled in said cap and having teeth adjacent said perforations, and a spring-actuated follower

within said body portion adapted in connection with said bur to force the material between them through said perforations.

2. A salt-cellar consisting of a main body portion a bottom and cap portions detachably connected with said main body, a spring-actuated follower movable within said body portion and a bur with rotary shaft journaled in said cap, said cap having perforations in its sides adjacent to said outer edge of said bur, said parts being combined substantially as described.

3. A salt-cellar consisting of a main body portion, bottom and cap portions detachably connected with said body portions, a follower with actuating-spring in said body portion and a bur with rotary shaft having a bearing in said cap portion and provided with a head, said cap having a closed top and provided with openings in its sides adjacent to the outer edge of said bur, said parts being combined substantially as described.

4. In a salt-cellar, a body portion with a follower having an actuating-spring, and a cap portion having openings in its sides with a rotatable bur having teeth on its under face diverging toward said openings in the sides of said cap, said parts being combined substantially as described.

WILLIAM H. MOORE.

Witnesses:
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