

A. B. FRAZER.
SPICE-BOX.

No. 183,555.

Patented Oct. 24, 1876.

FIG. 1.

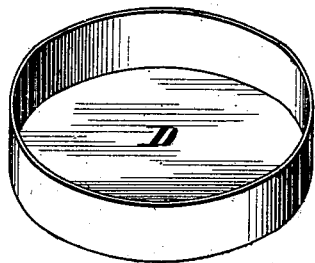
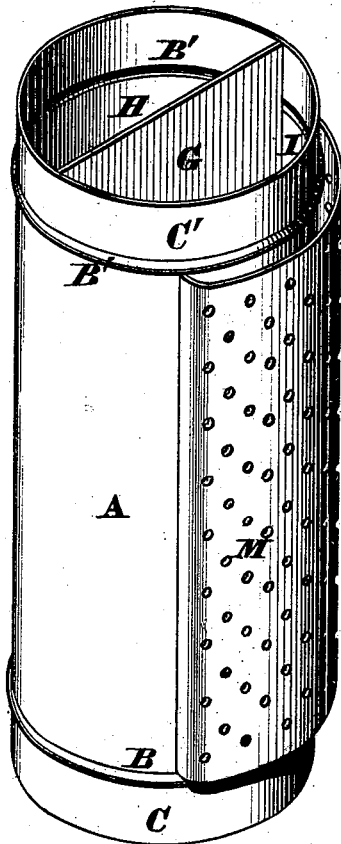
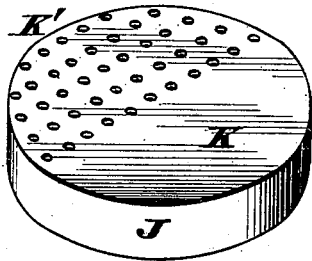


FIG. 2.

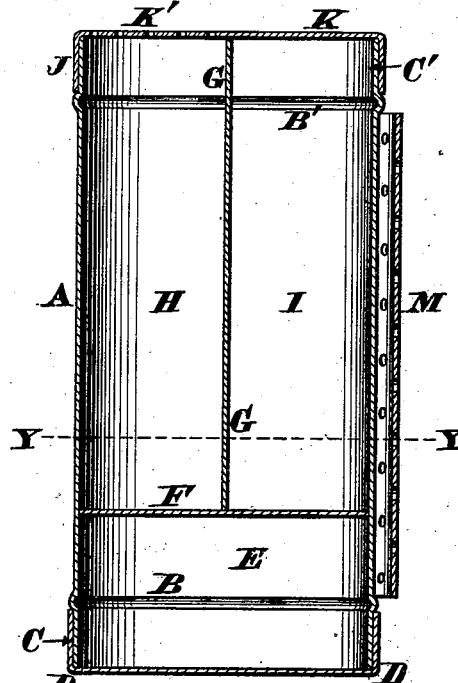


FIG. 3.

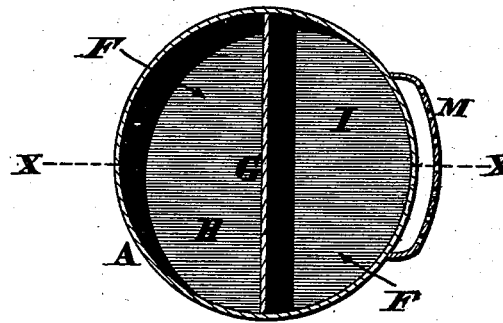
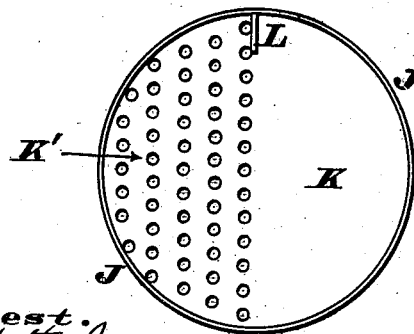


FIG. 4.



Attest.
E. Wafford Jr.
Charles Schammal
 Augustus B. Frazer
 per *Wm. Hubbell Fisher* his
 Att'y.

UNITED STATES PATENT OFFICE.

AUGUSTUS B. FRAZER, OF CINCINNATI, OHIO, ASSIGNOR OF ONE-HALF HIS
RIGHT TO CASIMER WERK, OF SAME PLACE.

IMPROVEMENT IN SPICE-BOXES.

Specification forming part of Letters Patent No. 183,555, dated October 24, 1876; application filed
May 29, 1876.

To all whom it may concern:

Be it known that I, AUGUSTUS B. FRAZER, of Cincinnati, State of Ohio, have invented certain new and useful Improvements in Spice-Boxes, of which the following is a specification:

My spice-box consists, essentially, of a sheet-metal can or box of the usual cylindrical shape, and provided with two detachable heads, caps, or lids capable of being readily removed when it is desired to charge the box with various kinds of spices or condiments. Of these two caps or lids, the lower one is preferably an imperforate one, and is applied to the nutmeg receptacle or division of the box, which division is formed by a horizontal partition located about one-third or one-fourth of the distance from the lower end of the can. The upper cap, lid, or cover is perforated over about one-half of its area, while the other portion of its surface is solid. This lid is capable of being rotated so as to permit optional sprinkling or dredging from either of two longitudinal chambers, of which one may be filled with salt and the other one with pepper or other finely-pulverized spices that are frequently used. These two distinct longitudinal chambers are formed by a vertical partition or plate that extends from the upper end of the box down to the previously-described horizontal partition, and by simply rotating the upper cap, so as to bring its perforated portion in communication with either the right or the left chamber, salt or pepper can be discharged from the box. The inner side of this lid is furnished with a stop that impinges against the vertical partition, and thereby limits the rotation of said lid. Finally, the box has disposed longitudinally of one of its sides an external grater for pulverizing nutmegs and similar spices.

All of the above description is given in order that the general construction of the box may be fully understood; but my invention consists in the peculiar construction hereinafter more specifically pointed out in the claim.

Figure 1 is a perspective view of my improved spice-box with both of its lids detached. Fig. 2 is a vertical section at the line X X with both of the lids applied to the box. Fig. 3 is a transverse section of the box at the line Y

Y. Fig. 4 is a plan showing the under side of the top lid.

A represents a sheet-metal can or box of any convenient length and diameter, and provided near its ends with beads B B', beyond which extend the necks C C'. Of these necks, the lower one, C, is adapted to have applied to it the imperforate cap D, which covers a cylindrical division or receptacle, E, for containing ungrated nutmegs or other spices or condiments that require pulverizing before being fit for the table or for culinary purposes generally. This receptacle E is formed by soldering within the box A a solid disk-shaped partition, F, which partition may be located at any suitable distance from the lower end of the can. Resting upon the upper surface of this disk is a vertical plate or partition, G, that extends up to the top of box A, and divides the latter into two equal or nearly equal segmental chambers, H and I, of which the former may be used for salt and the latter for pepper. These two chambers are concealed by a single lid, J, that is applied to the neck C' in such a manner as to have a comparatively free rotation around the same, while at the same time there is no danger of the lid being accidentally detached from the box. One-half of this lid is solid or imperforate, as at K, while the other half, K', is pierced with numerous small apertures.

Projecting downward from the under side of the lid J is a stud, pin, flange, or stop, L, which limits the rotation of said lid, both to the right and left. Applied longitudinally of and alongside the exterior of spice-box A is a grater, M, of any approved construction and material. Presuming that the chambers H and I have been filled respectively with salt and pepper, and it is desired to make use of the former condiment, the lid J is rotated around the neck C' to the left until the mouth of the chamber I is completely closed by the solid portion K of said lid, at which moment further rotation of said lid is arrested by the stop L striking against partition G. This act effectually prevents the escape of pepper from the division I, while at the same time the salt is free to be sprinkled out through the perforations K', which perforated part of the lid now covers the chamber H.

To use the device as a pepper-box, a half-rotation of the lid to the right is made, or until the stop again strikes against the partition G, which act reverses the previous position of the lid, and causes its blank portion K to cover chamber H, while its perforated portion K' allows pepper to be sprinkled out from the chamber I. For use as a grater, the cap D is temporarily detached, a nutmeg or other spice is taken out of division E, and then reduced to a comminuted condition by rasping it against the roughened surface M, the powder thus produced being free to descend in the chamber formed between said grater M and the outer surface of box A.

In this specification, whenever the words top and bottom and right and left are employed, they are to be understood as being mere relative terms used for convenience of description, as it is evident either end of the box may be considered the top of the device.

If preferred, the cap D may be perforated, and the division E charged with flour, in which case the lower end of the box can be employed

as a dredger, while at the same time the grater M may be employed in the ordinary way. Furthermore, the cap J may be furnished with any other suitable kind of stop instead of the one shown at L, and said cap, together with the one D, may be fitted to their appropriate necks in any convenient manner. The salt-chamber H may be of somewhat greater capacity than the adjoining chamber I.

I claim as my invention—

A spice-box, consisting of a cylindrical vessel, A, closed at bottom at F, and furnished with two segmental chambers, H and I, and a rotary lid, J, having the stop L, which lid is solid at K and perforated at K' to permit the contents of one of said chambers being discharged while the contents of the other chamber are retained, substantially as herein described.

AUGUSTUS B. FRAZER.

Attest:

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C. WALTON, Jr.