

W. STENDER.
COMBINATION SALT AND PEPPER SHAKER.
APPLICATION FILED JAN. 21, 1913.

1,065,981.

Patented July 1, 1913.

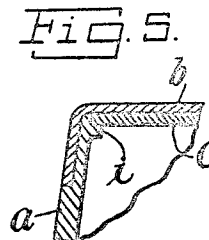
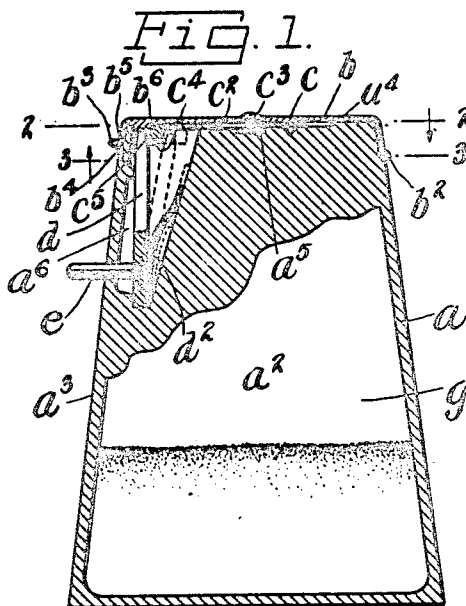


Fig. 2.

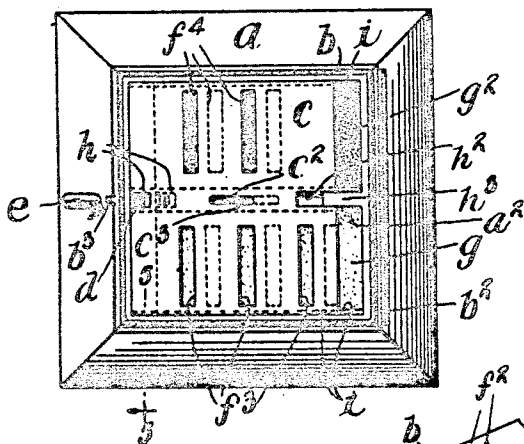


Fig. 3.

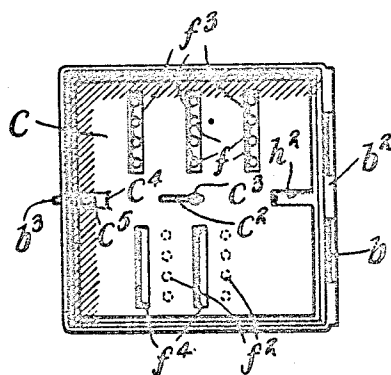
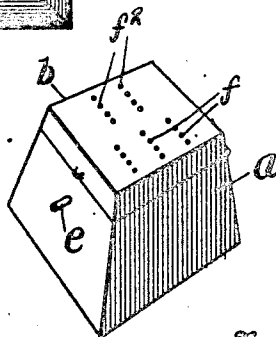


Fig. 4.



Witnesses:
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UNITED STATES PATENT OFFICE.

WILLIAM STENDER, OF WEST NUTLEY, NEW JERSEY.

COMBINATION SALT AND PEPPER SHAKER.

1,065,881.

Specification of Letters Patent.

Patented July 1, 1913.

Application filed January 21, 1913. Serial No. 743,244.

To all whom it may concern:

Be it known that I, WILLIAM STENDER, a citizen of the United States, and residing at West Nutley, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Combination Salt and Pepper Shakers, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to what are known as salt and pepper shakers, and the object thereof is to provide an improved combination device of this class comprising a suitable box or receptacle divided centrally and transversely to form separate compartments in which the salt and pepper are placed, the said box or receptacle being provided with an improved top construction involving a perforated cap or cover and a sliding valve mechanism or device by which the perforations which communicate with the salt compartment are normally open and the perforations which communicate with the pepper compartment normally closed, and the construction and operation of which is such that the perforations which communicate with the pepper compartment may be open and those which communicate with the salt compartment closed whenever desired; and with these and other objects in view the invention consists in a device of the class specified, constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which:—

Figure 1 is a sectional side view of my improved combination salt and pepper shaker; Fig. 2 a horizontal section on the line 2—2 of Fig. 1; Fig. 3 a horizontal section on the line 3—3 of Fig. 1; Fig. 4 a perspective view of the shaker; and, Fig. 5 a partial section on the line 5—5 of Fig. 2.

In the practice of my invention, I provide a receptacle *a* which is preferably composed of metal and preferably rectangular in cross section, and the base of which may be larger than the top thereof as shown, or the transverse dimensions of which may be the same both at the top and bottom. The receptacle *a* is provided with a central transverse partition *a*², and with a cap *b* which, in the

form of construction shown, is hinged at one side as shown at *b*², and the opposite side of which is provided with a projecting knob or teat *b*³, and on the inner side thereof with a recess *b*⁴ and the top of the receptacle *a* is reduced to receive the cap *b*, and provided with a knob or projection *b*⁵ adapted to enter the recess *b*⁴, and when the cap is forced down onto the receptacle the knob or projection *b*⁵ enters the recess *b*⁴ and locks the cap in a closed position. My invention, however, is not limited to any particular means for holding the cap *b* on the receptacle, and said cap may be made detachable or movable and may be connected with the receptacle in any desired manner.

Slidably mounted on the underside of the cap *b* is a valve plate *c* having a central slot *c*² through which is passed a pin, screw or similar device *c*³ which secures said valve plate to the cap, while permitting of the free movement of said valve plate.

The top of the partition *a*² is cut out to receive the valve plate from the front wall of the receptacle, the wall *a*³, backwardly to the point *a*⁴, and said top of the partition *a*² is also cut out to receive the head of the pin or screw *c*³ as shown at *a*⁵.

The front part of the cap is provided with a downwardly directed lug or projection *b*⁶, and the front part of the valve plate *c* with a corresponding recess to receive said lug or projection, below which said valve plate is provided with a downwardly directed shoulder *c*⁴ having a recess *c*⁵.

Within the front top portion of the partition *a*² is a chamber *a*⁶ in which is placed a finger piece *d* to the lower end portion of which is secured a spring *d*² which bears on the back of the chamber *a*⁶ and the finger piece *d* is provided with a nose which enters the recess *c*⁵ in the downwardly directed shoulder *c*⁴ of the valve plate and passed loosely through the front wall of the chamber *a*⁶ is a plunger *e* which is secured to the lower end portion of the finger piece *d*, and by pressing on the plunger *e* the valve plate will be moved backwardly and when said pressure is released the valve plate will be moved forwardly by the spring *d*².

The cap *b* is provided with transverse rows of perforations *f* which correspond with or communicate with the chamber *g* in which the salt is placed, and these transverse rows of perforations are preferably three in number, and said cap is also pro-

vided with transverse rows of perforations f^2 which communicate with the pepper chamber g^2 , and these perforations are preferably two in number, and the valve plate c is provided with transverse slots f^3 which correspond with the perforations f and with transverse slots f^4 which correspond with the perforations f^2 .

When the parts are in their normal position the salt chamber or compartment is open and the salt may be shaken therefrom in the usual manner, and by pressing inwardly on the plunger e the salt chamber or compartment will be closed and the pepper chamber or compartment opened, and the pepper may be shaken therefrom as will be readily understood. The movement of the valve plate, in the operation of the device, prevents salt from sticking to or collecting on the cap or cover and closing the perforations therein, and in the construction shown the transverse dimensions of the valve plate are such that the cap, or the top of the receptacle forms a guide therefor, and said valve plate is provided with an aperture h which corresponds with and communicates with the recess c^5 , and the central back portion of the valve plate is provided with a slot h^2 that receives a guide piece h^3 on the top of the back portion of the partition a^2 .

In the construction shown the receptacle is provided at the top thereof and at the opposite sides thereof with beads or strips i on which the valve plate c rests, and these beads or strips in connection with the central partition a^2 form a firm support for said valve plate and hold it in close contact with the cap b .

My invention is not limited to any particular form of receptacle a , and said receptacle may be formed from any preferred material.

Having fully described my invention, what I claim as new and desire to secure by Letters Patent, is:

1. A salt and pepper shaker comprising a suitable receptacle having a vertical trans-

verse partition forming separate compartments and provided with a cap on the bottom of which is mounted a sliding valve plate, said cap being provided with perforations adapted to communicate with both of said compartments, and said valve plate being adapted in one position to close said perforations and in another position to open them, said partition being provided in one side portion thereof with a chamber; devices mounted in said chamber and adapted to operate in connection with said valve plate to open and close said perforations, and a plunger movable through one side of said receptacle and operating in connection with said devices.

2. A salt and pepper shaker, comprising a suitable receptacle having a transverse partition forming separate compartments and provided with a cap on the bottom of which is mounted a sliding valve plate, said cap being provided with transverse rows of perforations adapted to communicate with one of said compartments and with transverse rows of perforations adapted to communicate with the other compartment, said valve plate being provided with transverse slots adapted to register with said perforations, and means for moving said valve plate in opposite directions, consisting of a finger piece mounted in a chamber in the front top portion of the partition and engaging the valve plate, a plunger movable through the front wall of said chamber and adapted to move the finger piece and valve plate in one direction and a spring for moving said finger piece and valve plate in the opposite direction.

In testimony that I claim the foregoing as my invention I have signed my name in presence of the subscribing witnesses this 18th day of January, 1913.

WILLIAM STENDER.

Witnesses:

C. MULREANY,

H. C. THOMPSON.