

G. J. CARLISLE.
CONDIMENT HOLDER.
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1,265,607.

Patented May 7, 1918.

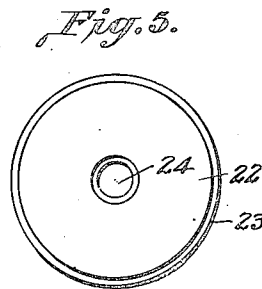
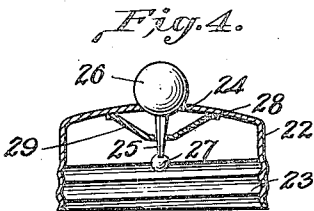
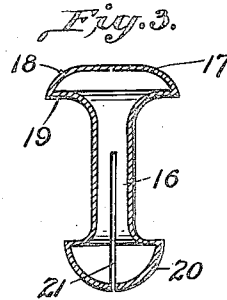
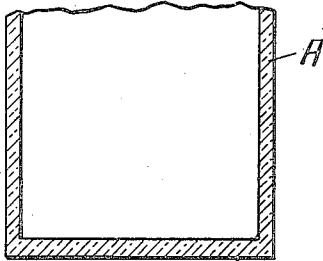
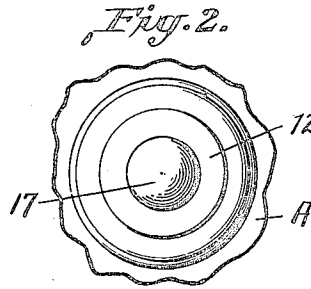
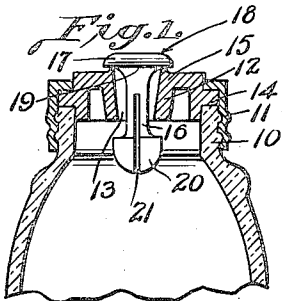
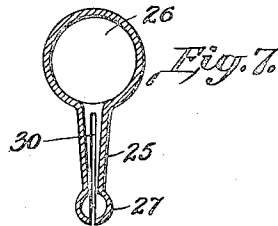
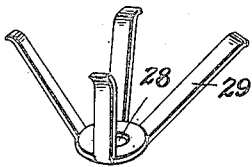


Fig. 6.



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UNITED STATES PATENT OFFICE.

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CONDIMENT-HOLDER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE J. CARLISLE, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain useful Improvements in Condiment-Holders, of which the following is a specification, reference being had therein to the accompanying drawing.

The invention relates to condiment holders, and more particularly to the class of salt and pepper cellars or shakers.

The primary object of the invention is the provision of a device of this character wherein the cap for the container and the valve is of novel construction so as to prevent the choking of the discharge opening in the cap caused by the accumulation of salt or other contents due to vapor or moisture in the air, and the contents can be readily dispensed as the occasion requires.

Another object of the invention is the provision of a device of this character wherein the valve will, by gravity become seated in the discharge or dispensing opening in the cap when the device is not in use, thereby excluding dust and dirt from within the container, thus rendering the device thoroughly sanitary and free from dust, dirt, germs or the like.

A further object of the invention is the provision of a device of this character wherein the valve is held in proper working position and can be readily placed within and removed from said cap, yet the same cannot become accidentally detached therefrom.

A still further object of the invention is the provision of a device of this character which is simple in construction, thoroughly reliable and efficient in operation and inexpensive in manufacture.

Other objects will be in part obvious and in part hereinafter set forth.

The invention accordingly consists in the features of construction, combination of elements and arrangement of parts which will be exemplified in the construction hereinafter described, and the scope of the application of which will be indicated in the appended claims.

In the accompanying drawings:

Figure 1 is a fragmentary vertical sectional view through a salt cellar showing the cap and valve constructed in accordance with the invention applied thereto:

Fig. 2 is a top plan view:

Fig. 3 is a vertical sectional view through the valve:

Fig. 4 is a vertical sectional view through a modified form of cap and valve:

Fig. 5 is a top plan view of the cap with the valve removed:

Fig. 6 is a perspective view of the spider for the valve:

Fig. 7 is a vertical sectional view through the valve.

Similar reference characters indicate corresponding parts throughout the several views of the drawing.

Referring to the drawing in detail, A designates a portion of the body of a salt cellar or holder, preferably made from glass, although the same may be made from any other suitable material, and is formed with a contracted externally threaded neck 10 on which is detachably mounted a threaded collar 11 which is preferably made from metal, although the same may be made from any other suitable material, and is adapted to detachably secure upon the edge of the neck 10, at the open end of the body A, a cap 12 preferably made from glass, although it may be made from celluloid or other desired material, and, if desired, the said cap can be formed integral with the collar 11 should it be expeditious in manufacture.

The cap 12 is formed with an inwardly tapered central opening 13, and said cap is of such shape that a portion thereof will telescope within the contracted neck 10 of the body A, while externally of said cap is an annular bearing flange 14 which rests upon the edge of the neck 10 and is engaged by the collar 11, and in this manner is fastened upon the body. Formed at the outer end of the opening 13, concentrically thereof, is an annular rib 15 forming a valve seat, and loosely engaged in this opening 13 is the valve hereinafter fully described.

The valve comprises a stem 16 formed at its outer end with a head 17 provided with an outer convex surface 18 and an inner flat face 19 which is adapted to normally rest upon the seat 15, while at the opposite end of said shank or stem 16 and depending within the body A is a semi-spherical terminal 20 which likewise constitutes a head to engage with the cap 12 at the inner end of the opening 13 therein, the terminal 20 being of a diameter greater than the diameter at the smaller end of the opening 13, while the head 17 is of a diameter

greater than the larger end of said opening 13, and the stem or shank 16 is formed with a bifurcation 21 centrally thereof which extends for a major portion of its length and opens through the terminal 20 so that the valve can be conveniently placed within the opening 13, the valve or cap or both being preferably made from resilient material, such as rubber, celluloid or the like, so that it can be readily compressed through the opening 13 for the mounting of the valve in the cap, as will be apparent. By reason of the bifurcation 21 the inner terminal 20 of the shank 16 will spread by reason of the action of the contents of the body A thereagainst, so that there is no possibility of the accidental detachment of the valve from the cap when the cellar or shaker is in use.

In the use of the shaker, the valve will reciprocate within the opening 13 on the shaking of the body A so that the contents will be dispensed through the opening 13, and when the shaker is brought to rest or not in use the valve closes the opening 13 to exclude dust, dirt, germs or the like from entering the body A of said shaker.

In Figs. 4 to 7 of the drawings there is shown a slight modification of the invention, wherein the inverted cup shaped cap 22 is internally threaded at 23 for the detachable fastening of the same upon the neck of the body of the shaker or cellar, the cap being preferably made from sheet metal, although it may be made from any other suitable material, and is formed with a central discharge opening 24 in its top, in which works a valve hereinafter fully described. The valve comprises a shank or stem 25 formed at one end with a ball head 26, while at the opposite end is an enlarged terminal 27 which is of considerably less size than the head 26, and this shank or stem 25 and terminal 27 are passed through the opening 24, while the terminal 27 is also passed through a central opening 28 in a leg spider 29 so that the shank or stem 25 will loosely play within the opening 26, and this spider is located interiorly of the cap 22, with the legs thereof bent in upwardly convergent relation to work against the top of the cap 22, and in this manner the valve is retained in the opening 24, the cap or valve being preferably made from resilient material, such as rubber, and the terminal 27 can be readily compressed through the opening 28 in the spider for the connection of the valve and spider together after said valve has been passed through the opening 24 in the cap. The shank or stem 25 of the valve is of sufficient length to permit play of said valve for

the opening and closing of the opening 24 when the shaker or cellar is in use. The head 26 which constitutes the valve is of greater size than the opening 24 so that when the cellar or shaker is brought to rest it will close the opening 24, thereby excluding dust, dirt, germs or the like from gaining entrance to the cellar or shaker. The terminal 27 and the shank 25 are longitudinally split to form a bifurcation 30, so that the said valve can be readily engaged in the spider for the mounting of the valve in place in the cap 22, as will be apparent. The spider may be riveted, soldered or otherwise fastened to the valve stem. It will be obvious that the same results can be had with the use of a resilient valve or resilient cage in the cap.

From the foregoing description, taken in connection with the accompanying drawing, the construction and operation of the herein described salt and pepper shaker will be readily apparent and, therefore, a more extended explanation has been omitted.

Having thus described my invention, I claim:

1. In a salt cellar, a removable cover for an opening therein, a valve of a single piece of resilient material including a shank slidable through the opening, and heads formed on the respective ends of the shank both of which are of such size as to normally prevent displacement of the valve when the salt cellar is being shaken, the outer head being normally seated upon the cover so as to close the opening, and the inner head and the shank being bifurcated to a point medially of the inner head to permit of the contracting of the inner head to assure of a quick insertion and removal of the inner head in and from the opening.

2. In a salt cellar, a removable cap having an opening in the top thereof constituting a valve seat, a valve formed entirely of a single piece of resilient material embodying a shank of a diameter less than the diameter of the opening, a valve head formed on one end of the shank and a guard head formed on the other end smaller than the valve head but larger than the opening, the guard head and the shank being bifurcated to permit of the contracting and the insertion of the guard head through the opening so that the shank will slide through the opening during shaking of the cellar and being prevented from having accidental displacement by the guard head while the valve head will normally engage the opening to close the same.

In testimony whereof I affix my signature.
GEORGE J. CARLISLE.