Oct. 1, 1940. H. E. HASKIN ET AL 2,216,345

COMBINED SALT AND PEPPER SHAKER

Filed Feb. 11, 1939

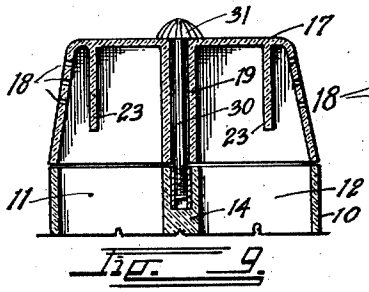


Fig. 9.

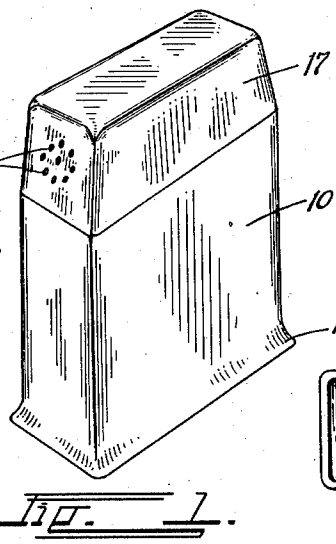


Fig. 1.

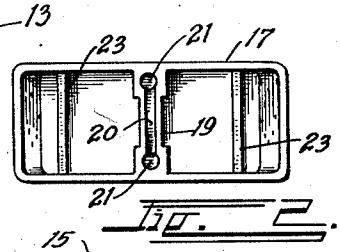


Fig. 2.

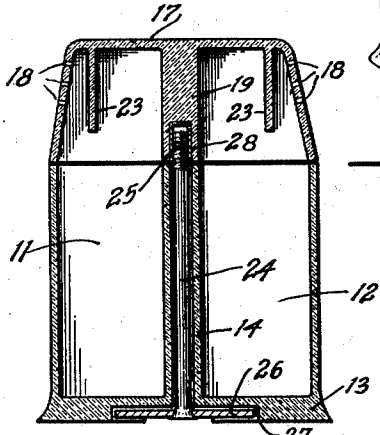


Fig. 6.

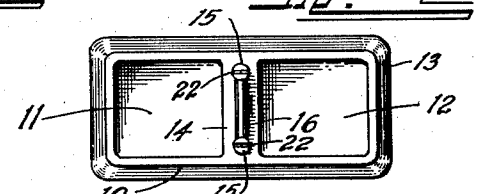


Fig. 3.

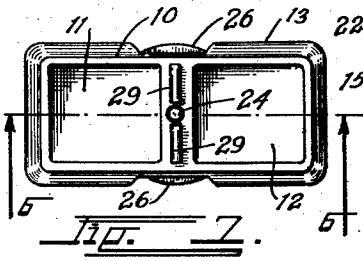


Fig. 7.

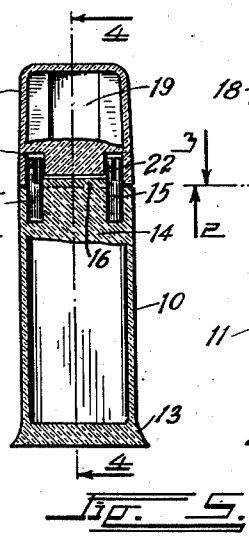


Fig. 5.

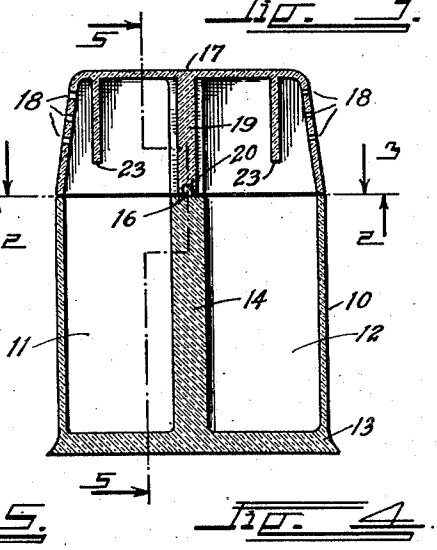


Fig. 4.

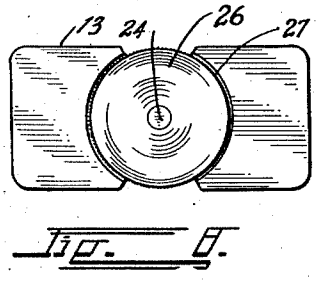


Fig. 8.

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COMBINED SALT AND PEPPER SHAKER

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Wheatridge, Colo.

Application February 11, 1939, Serial No. 255,886

3 Claims. (Cl. 65—45)

This invention relates to a combination salt and pepper shaker and has for its principal object a neat and efficient device for holding both the salt and pepper and from which either the salt or pepper may be shaken without discharging the other.

Other objects of the invention are to provide a device of this character which can be quickly and easily refilled; and in which there will be no leakage of either the salt or pepper from one compartment to the other or from the container.

Other objects and advantages reside in the detail construction of the invention, which is designed for simplicity, economy, and efficiency. These will become more apparent from the following description.

In the following detailed description of the invention reference is had to the accompanying drawing which forms a part hereof. Like numerals refer to like parts in all views of the drawing and throughout the description.

In the drawing:

Fig. 1 is a perspective view of one form of the combination salt and pepper shaker.

Fig. 2 is a bottom view of the cap, removed from the container.

Fig. 3 is a plan view of the container portion thereof with the cap removed.

Fig. 4 is a vertical section taken on the line 4—4, Fig. 5.

Fig. 5 is a vertical lateral section taken on the line 5—5, Fig. 4.

Fig. 6 is a vertical section through an alternate form of the invention.

Fig. 7 is a plan view of the alternate form with the cap removed.

Fig. 8 is a bottom view of the alternate form.

Fig. 9 is a detail section illustrating an alternate method of securing the cap in place.

The invention comprises: a container 10 formed with a salt compartment 11 and a pepper compartment 12 and is preferably formed with an enlarged base portion 13 to maintain it more securely upright. The compartments 11 and 12 are divided by means of a partition 14 from the top of which two fixed pins 15 project. A tenon 16 extends along the partition 14 between the pins 15.

The container is closed by means of a cap 17 provided with a series of perforations 18, in each of its extremities. The cap 17 is also formed with a middle partition 19 containing a mortise 20 for receiving the tenon 16. A pin socket 21 is indented into the partition 19 at each extremity of the mortise 20 for the reception of the pins 15. It is preferred to split the pins 15, as shown at 22 so that they will expand within the sockets 21 to firmly hold the cap 17 in place.

A baffle plate 23 is formed integrally with the cap 17 immediately inside of each series of perforations 18. The baffle plates extend from the top of the cap downwardly in spaced relation with the end walls thereof, terminating above the top of the container.

It can be readily seen that if the two compartments are filled with salt and pepper, respectively, and if the container is inverted edgewise to discharge the salt, the latter will run under its baffle 23 and through the perforations 18. The pepper, however, will fall away from its baffle 23 and, if the container is shaken, the pepper will shake between the partition 19 and the baffle 23 without reaching the perforations 18 so that either desired content may be discharged without discharging the other.

In Figs. 6, 7, and 8, an alternate method of securing the cap on the container is illustrated. In this form of the invention, a vertical, threaded rod 24 extends upwardly throughout the entire length of the middle container partition, with its threaded extremity, shown at 25, projecting thereabove. The lower extremity of the rod is provided with a circular knurled head 26 which fits into a circular countersink 27 in the container bottom with its edges exposed at each side thereof as shown in Figs. 7 and 8.

The cap is formed with an internally threaded socket in its middle partition for receiving the threaded extremity 25 of the rod 24. If the invention is formed of a molded material, such as Bakelite, it is preferred to mold a threaded sleeve 28 into the middle partition of the cap to receive the threaded extremity of the rod. In the latter form, tenons 29 are formed on the top of the container partition to hold the cap in alignment with the housing and to prevent rotation thereof as the rod 24 is tightened.

It can be readily seen that the cap may be quickly removed by simply unscrewing the rod 24 by means of the large knurled head 26.

The rod may be inserted downwardly through the cap into a threaded socket in the container partition, as indicated at 30 in Fig. 9, to reverse the screw action, if desired. The rod would then be provided with a head 31 on the top of the cap.

While a specific form of the improvement has been described and illustrated herein, it is desired to be understood that the same may be varied, within the scope of the appended claims,

without departing from the spirit of the invention.

Having thus described the invention, what is claimed and desired secured by Letters Patent is:

1. A combination salt and pepper shaker comprising: a housing open at its top; a partition dividing said housing into two compartments; a cap closing the open top of said housing, the lower edge face of said cap resting on the top edge face of said housing, said cap being provided with a series of perforations in each of its extremities; a partition dividing said cap and resting on the partition in the housing; means for securing said cap on said housing; baffle plates extending downwardly from the top of said cap immediately inside of each series of perforations; a mortise and tenon joint construction between the partition of said container and the partition of said cap; and pins extending from said container to pin sockets in said cap, said pins being normally larger than their pin sockets to frictionally maintain said cap in place.

2. A combination salt and pepper shaker comprising: a housing open at its top; a partition dividing said housing into two compartments; a cap closing the open top of said housing, the lower edge face of said cap resting on the top edge face of said housing, said cap being provided with a series of perforations in each of its extremities; a partition dividing said cap and resting on the partition in the housing; means for securing said cap on said housing; baffle plates extending downwardly from the top of said cap immediately inside of each series of perforations; a mortise and tenon joint construction between the partition of said container and the partition of said cap; and pins extending from said container to pin sockets in said cap, said pins being split to frictionally engage their sockets.

3. A combination salt and pepper shaker comprising: a housing open at its top; a partition dividing said housing into two compartments; a cap resting on the top edge of said housing and forming a continuation of the walls thereof, said cap being provided with a series of perforations in each of its extremities; a partition dividing said cap and forming a continuation of the partition in said housing; means for securing said cap on said housing; baffle plates extending downwardly from the top of said cap immediately inside of each series of perforations; pins on the top of said partition in said housing extending into pin sockets in the partition in said cap, said pins being split to frictionally engage their sockets; a tenon formed on the partition in said housing between said pins; and a mortise in the partition in said cap between said pin sockets to receive said tenon.

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