June 4, 1929. E. E. HARRIS 1,715,754

COMBINATION SALT AND PEPPER SHAKER

Filed Nov. 12, 1927

Fig. 1.

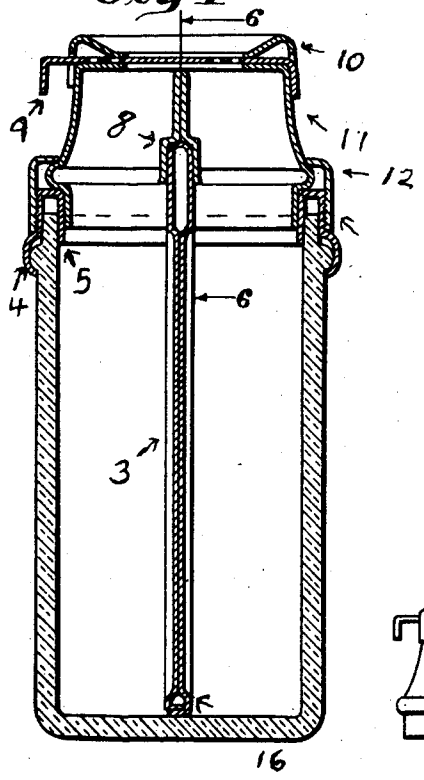


Fig. 2.

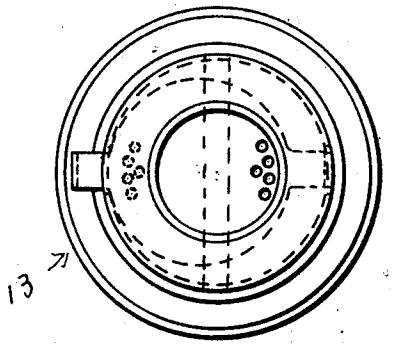


Fig. 4.

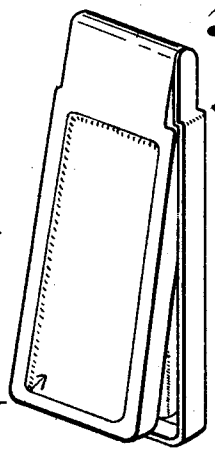


Fig. 5.

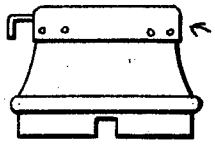


Fig. 3.

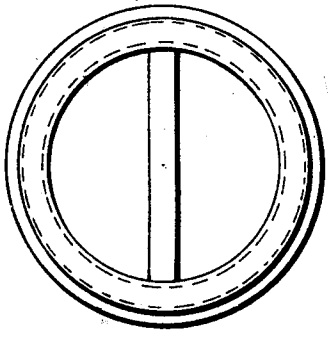
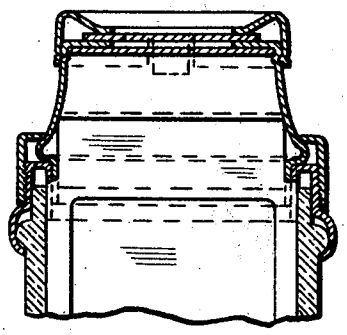


Fig. 6.



INVENTOR

Edward E. Harris

Patented June 4, 1929. 1,715,754

UNITED STATES PATENT OFFICE.

EDWARD E. HARRIS, OF KANSAS CITY, MISSOURI.

COMBINATION SALT AND PEPPER SHAKER.

Application filed November 12, 1927. Serial No. 232,861.

This invention relates to an improved salt and pepper shaker adapted to deliver the contents, in small quantities, and is particularly designed to provide an improved device of this character wherein different articles, such as salt and pepper and the like may be separately held within a single container and delivered singly therefrom in a convenient and efficient manner.

The invention further contemplates the provision of a sanitary device of this character.

A further object within the contemplation of the invention is the provision of means for preventing mixing of the contents of this shaker or holder.

A further object within the contemplation of the invention is a special constructed partition and ring or sleeve to hold partition in place, said ring or sleeve and partition being constructed so that the two together will fit a holder with thick or thin bottoms and irregular walls and yet have the threads on the ring or sleeve the same distance from the top of the shaker.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangements of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed can be made within the scope of what is claimed, without departing from the spirit of the invention.

A practical embodiment of the invention is shown in the accompanying drawing wherein Figure 1 is a section view cut across the partition; Figure 2 is a top view of the shaker and cap; Figure 3 is a top view of the shaker or holder without the cap, showing the open end; Figure 4 is a view of the partition partly open at bottom, showing how the hollow edges fit over the other when the partition is closed up and ready to be placed into the shaker or holder; Figure 5 is a view of the cap assembled without the independent screw ring; Figure 6 is a part view of the shaker and cap splitting open the partition.

Referring to the drawings by numerals of reference in carrying out the invention, there is provided a suitable body or container (1) made of glass or other convenient material and having a partition (3) in the center of the container, extending from the bottom of the shaker on up above the open end of the shaker or holder or the mouth or top thereof.

The container is formed toward its upper end and on its outer surface with an annular bead (4) above which screw threads are formed in a cuff (5) that fits snug around the bead and over the top of the container and is formed around the bead, and the inside of this cuff rests on a shoulder (6) of partition and holds the partition solid in place, said cuff being so constructed that if the bottoms are thinner than the one shown in Figure 1, the cuff can be forced down further, or if the bottoms are thicker than the one shown in Figure 1, then the cuff will not be forced down as far as it shows and with this method this ring and partition can be assembled to thick or thin bottoms, and with the hollow edges of the partition it will adjust itself to imperfect walls, which so often happens in the manufacture of glass. There can be small ribs extended inwards toward the center of the container and up from the bottom of container to slide partition in place or a gap or ribs in the cuff (5). The threads (7) will always be the same distance from the top of the container as they are on the cuff. No. 8 shows rib like member in the cap that straddles over the partition to prevent mixing of the contents. No. 9 shows the shifting member; No. 10 shows the top cap that is tacked on to hold the shifting member in place. No. 11 shows the main cap that fits inside of the container and cuff or sleeve; No. 12 shows a bead on the cap that the independent screw or fastening ring rests; No. 13 on cap with all parts assembled; No. 14 is a view of the top piece tacked on; No. 15 is a view of the especial constructed partition, showing the sides embossed in center till each side rests solid on each other; No. 16 shows the hollow edge of the partition that can be pressed down with a special tool to fill rough or wavy places in the glass and prevent the mixing of salt and pepper.

I desire it to be understood that I am asking for all parts claimed that are new, judging from the prior art for the reason that all of the invention is mine.

Having thus described my invention, what I claim is new and sought by Letters Patent is:

1. A combination salt and pepper shaker comprising a hollow body open at the top and having an external bead, a channeled ring

fitting on the body and provided with an internally channeled flange receiving and underlying said bead, a diametric partition within the body and provided with upwardly-facing shoulders engaging the lower edge of the inner wall of said ring, a cap fitting in and resting upon the ring and provided with a depending portion engaging the partition, and cooperating with the same in its partitioning function, a ring adjustable upon the first-named ring and provided with an inwardly-projecting flange overlying part of and bearing down upon the cap; the latter having an opening communicating with the interior of the hollow body at opposite sides of the partition, a top ring secured upon the cap and overlying and spaced from the same around the opening therein, and a slide engaging the space between the top of the cap and the last-named ring and provided with two sets of perforations for dissimultaneous communication with the opening of the cap at opposite sides of the vertical plane of said partition.

2. A combination salt and pepper shaker comprising a hollow body open at the top and having an external bead, a channeled ring fitting on the body and provided with an internally channeled flange receiving and underlying said bead, a diametric partition within the body and provided with upwardly-facing shoulders engaging the lower edge of the inner wall of said ring, a cap fitting in and resting upon the ring and provided with a depending portion engaging the partition, and cooperating with the same in its partitioning function, a ring adjustable upon the first-named ring and provided with an inwardly-projecting flange overlying part of and bearing down upon the cap; the latter having an opening communicating with the interior of the hollow body at opposite sides of the partition, a top ring secured upon the cap and overlying and spaced from the same around the opening therein, and a slide engaging the space between the top of the cap and the last-named ring and provided with two sets of perforations for dissimultaneous communication with the opening of the cap at opposite sides of the vertical plane of said partition; the last-named ring having diametrically opposite openings and the slide accessible handles respectively engaging said openings.

3. In a device of the character described, a hollow cylindrical body having an external bead, a diametric partition therein, having upwardly-facing shoulders, and a channeled ring fitting over the upper end of the wall of the body and down upon said shoulders; the ring having an internal channel receiving and underlying the said external bead to secure the ring against dislocation.

4. In a device of the character described, a hollow cylindrical body having an external bead, a diametric partition therein, having upwardly-facing shoulders, and a channeled ring fitting over the upper end of the wall of the body and down upon said shoulders; the ring having an internal channel receiving and underlying the said external bead to secure the ring against dislocation; the width of the channel exceeding that of the bead to allow for downward adjustment of the ring to clamp the partition firmly upon the bottom of the body.

5. In a device of the character described, a hollow body, a diametric partition therefor, having hollow edges, a channeled ring fitting over the upper edge of the body and within the latter bearing down upon the partition, and provided with an internally channeled flange engaging over and under said bead, a cap fitting on and within said ring and provided with a top opening and with a depending forked portion fitting astride the upper end of the first-named partition and with an external bead overlying said ring, and a clamping ring screwed upon the first-named ring and provided with an inwardly-projecting flange overlying and engaging the bead of said cap.

6. A partition for hollow bodies comprising a strip of metal doubled upon itself to form two members, each member having side and bottom flanges projecting toward the other member and one of the latter being adapted to fit within the other, thereby forming panel portions having margins defined by said flanged edges.

In testimony whereof that I claim the same as being my own, I hereunto set my hand and signature.

EDWARD E. HARRIS.