

June 11, 1940.

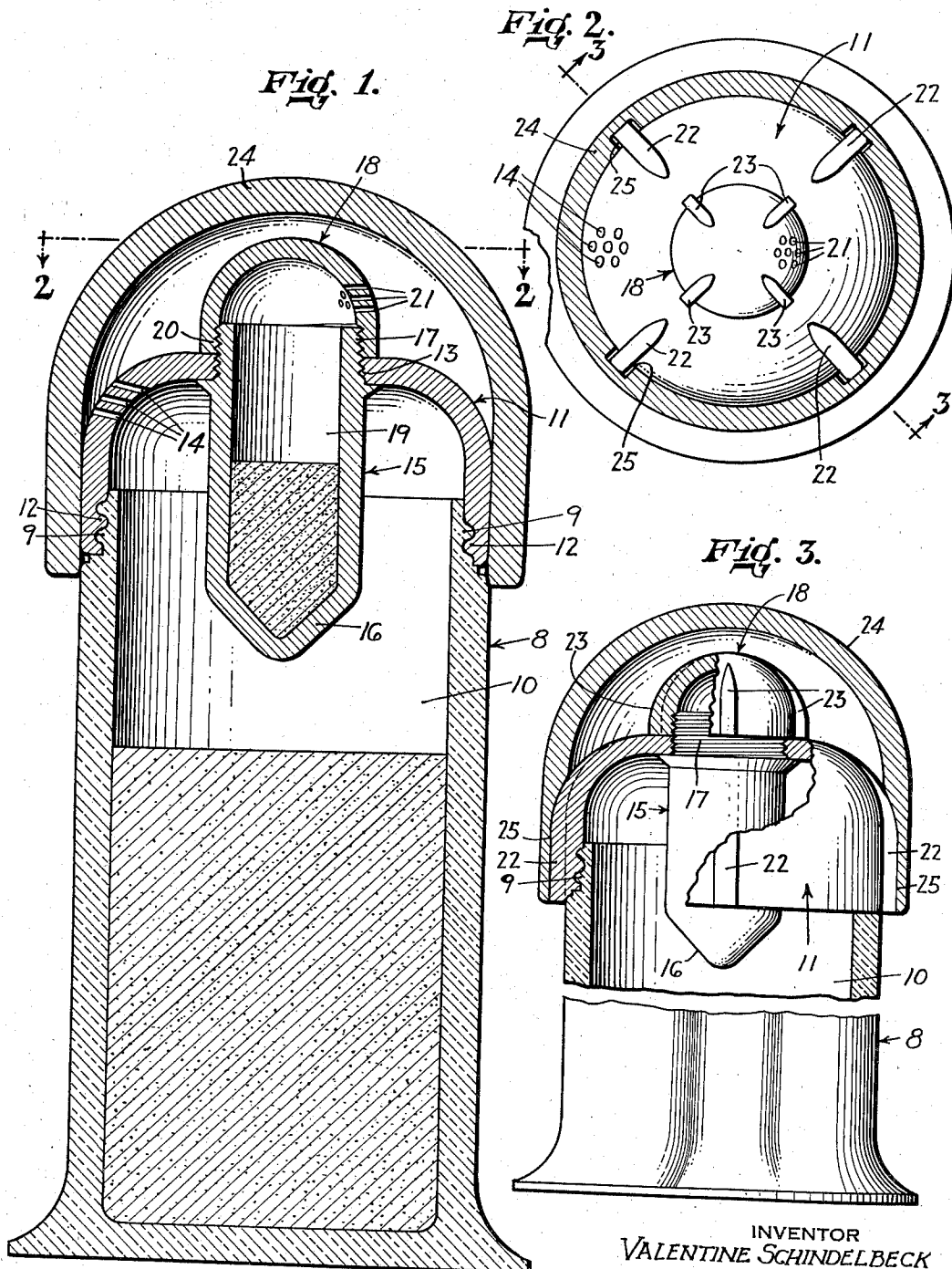
V. SCHINDELBECK

2,203,880

COMBINATION DISPENSER

Filed Sept. 15, 1938

2 Sheets-Sheet 1



INVENTOR
VALENTINE SCHINDELBECK
BY *Richards & Geier*
ATTORNEYS

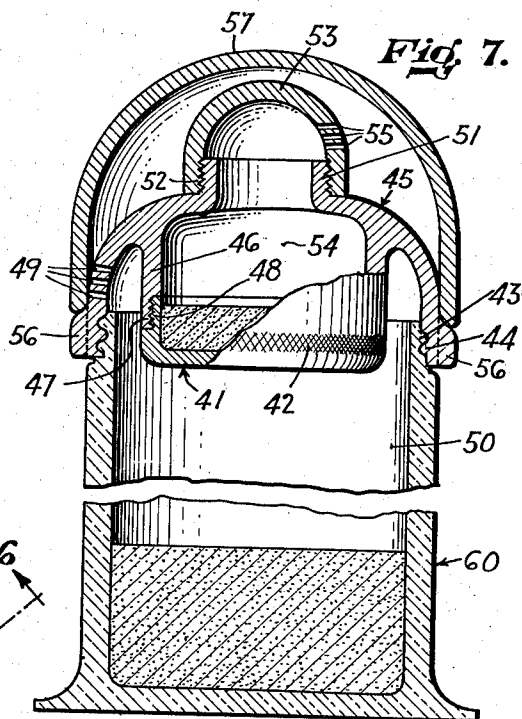
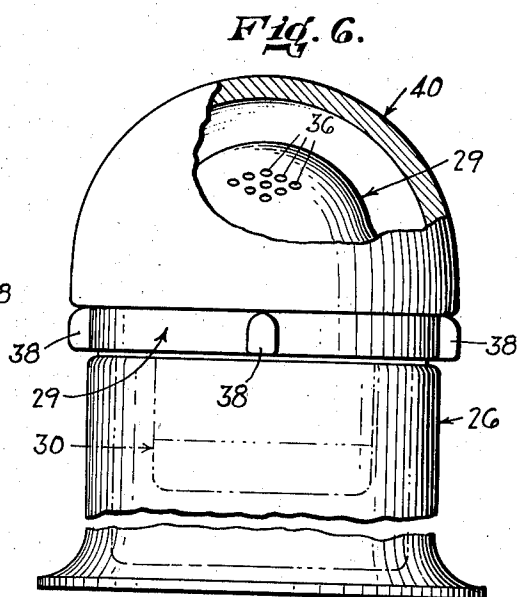
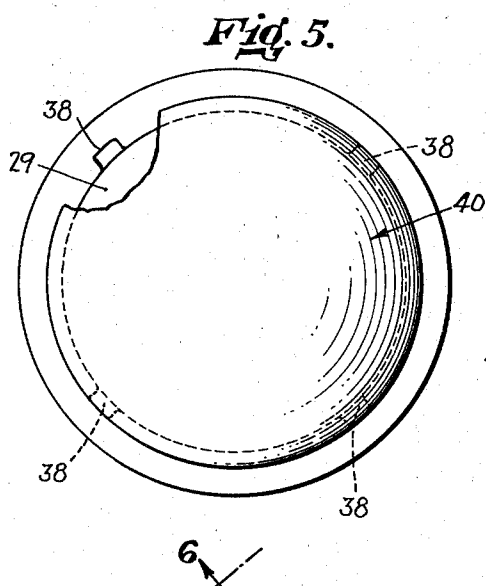
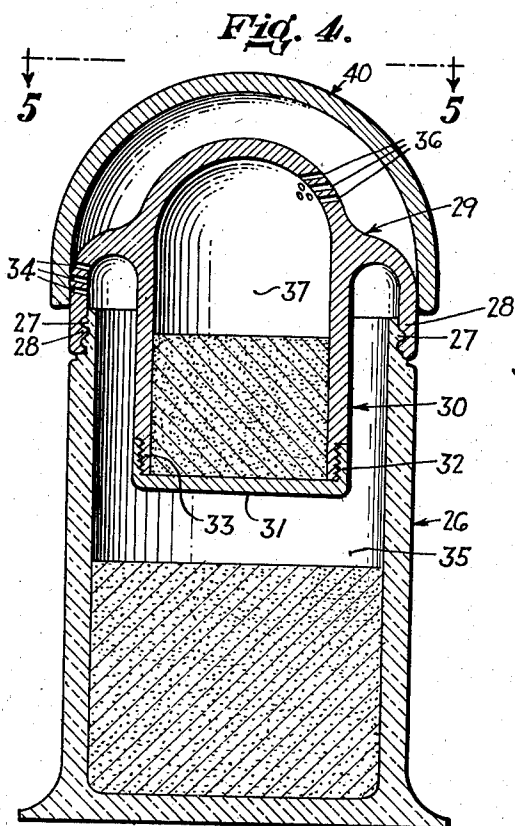
June 11, 1940.

V. SCHINDELBECK
COMBINATION DISPENSER

2,203,880

Filed Sept. 15, 1938

2 Sheets-Sheet 2



INVENTOR
VALENTINE SCHINDELBECK
BY *Richards & Geier*
ATTORNEYS

UNITED STATES PATENT OFFICE

2,203,880

COMBINATION DISPENSER

Valentine Schindelbeck, Boonton, N. J.

Application September 15, 1938, Serial No. 229,994

4 Claims. (Cl. 65-45)

This invention relates to improvements in containers, and refers more particularly to combination dispensers adapted to contain two separate and distinct substances such as, for example, salt and pepper.

An object of the present invention is the provision of a container or receptacle which is simple in construction and effective in operation, and which may be conveniently used for preserving and dispensing at least two different substances or condiments.

Another object is the provision of a single dispenser for two different granular substances by means of which each one of these substances may be conveniently discharged from the dispenser without interfering with the other substance situated in the same dispenser.

A further object is the provision of a dispenser for two separate condiments, by means of which the danger of an involuntary substitution of one condiment for the other is substantially avoided.

A still further object is to prevent the clogging of the apertures of a dispenser, resulting from moisture, dampness, and the like.

The above and other objects of the present invention may be realized through the provision of a container having a cover which is provided with openings used for the removal of the substance situated within the container; another smaller container is also situated within the first-mentioned container and is either carried by the cover or forms an integral part thereof, the interior of the second-mentioned container communicating with the outside by means of other openings formed in said cover. The two sets of openings are so disposed in relation to each other that at the time when a substance is removed from one of the containers, the discharge of the other substance from the other container may be substantially avoided.

The invention will appear more clearly from the following detailed description when taken in connection with the accompanying drawings showing by way of example preferred embodiments of the inventive idea.

In the drawings:

Figure 1 is a vertical section through a combined salt and pepper shaker constructed in accordance with the principles of the present invention;

Figure 2 is a horizontal section along the line 2-2 of Figure 1;

Figure 3 is a vertical section along the line 3-3 of Figure 2, some of the parts being shown in side elevation;

Figure 4 shows in vertical section a combined salt and pepper shaker of a somewhat different type;

Figure 5 is a top view of the article shown in Figure 4, with some parts broken off;

Figure 6 shows the article illustrated in Figures 4 and 5 in side elevation, some parts being broken off; and

Figure 7 shows in section a differently constructed salt and pepper shaker.

The combined salt and pepper shaker shown in Figures 1, 2, and 3 of the drawings comprises a container 8, which may be made of glass, Bakelite, or any other suitable material, and which is provided with threaded upper edges 9. The interior 10 of the container 8 may be filled with salt or the like.

The cover 11 of the container 8 is provided with lower threaded edges 12 which fit over the edges 9 of the container 8. The upper portion of the container 11 has, preferably, the form of a dome enclosing a central opening having threaded edges 13. The cover 11 is provided with openings 14 used for the removal of the salt filling the chamber 10. Preferably, the openings 14 extend either horizontally or at a substantially acute angle to the horizontal plane.

A second inner container 15 is situated within the container 8 and is provided with a preferably conical bottom 16. The upper edges 17 of the container 15 are threaded and mesh with the screw threads 13 of the cover 11.

A cover 18 is used for covering the interior 19 of the container 15 and is provided with lower threaded edges 20 which mesh with the screw threads 17 of the container 15. The cover 18 is provided with openings 21 which are used for dispensing pepper or any other substance situated in the chamber 19.

As shown in Figures 2 and 3, the cover 11 is provided with ribs 22 and the cover 18 has similar ribs 23. The ribs 22 and 23 assure a better grip when the covers 11 and 18 are being screwed on or off.

As shown in Figures 1 and 2, the openings 14 formed in the cover 11 are situated substantially diametrically opposite the openings 21 formed in the cover 18. The portions of the covers 11 and 18 situated close to the openings 14 and 21 may be provided with suitable inscriptions describing the substances situated in the chambers 10 and 19.

In order to remove the substance situated in the chamber 10, such as salt, the user inclines the container so that the salt can flow out of the container through the openings 14. Since the

openings 21 are situated diametrically opposite the openings 14, the substance situated within the chamber 19 will not flow out of the openings 21 at that time. Similarly, when the substance situated in the chamber 19, such as pepper, flows out of the openings 21, the salt will not be able to flow through the openings 14.

Due to this arrangement, salt and pepper may be separately distributed on articles of food from the same container in any desired quantity. The chambers 10 and 19 may be conveniently refilled whenever necessary by removing the covers 11 or 18.

A cap 24 which fits over the covers 11 and 18 may be used for preventing the clogging of the openings 14 and 21 by the salt and pepper particles. It was found that this clogging of the openings, which is often caused by moisture or atmospheric dampness, may be avoided in a convenient and effective manner through the use of the cap 24 which covers the openings 14 and 21 at the time when the dispenser is not being used.

The cap 24 is provided with inner grooves or recesses 25 (Figure 2) enclosing the ribs 22 of the cover 11.

This combined salt and pepper shaker shown in Figures 4, 5, and 6 of the drawings comprises a container 26 having threaded upper edges 27 which mesh with the threaded edges 28 of the cover 29. In this construction, the inner container 30 is integral with the cover 29 and is provided with a removable bottom 31 having threaded flanges 32 which are screwed over the lower edges 33 of the container 30. The cover 29 is provided with openings 34 used for the removal of salt situated in the interior 35 of the container 26. The cover 29 is also provided with openings 36 used for the removal of pepper which is situated within the interior 37 of the inner container 30.

The interior 35 of the container 26 is filled by removing the cover 29 while the interior 37 of the inner container 30 is filled by unscrewing the removable bottom 31. Due to the relative position of the openings 34 and 36, condiments situated in one of the chambers 35 or 37 may be removed without causing a simultaneous removal of the substance situated in the other chamber.

The cover 29 is provided with short ribs 38 which are used to facilitate the removal of the cover 29 and also serve as supports for an outer cap 40 which may be placed over the cover 29 when the article is not being used.

The salt and pepper shaker shown in Figure 7 of the drawings comprises an outer container 60 and an inner container 41 which has a knurled outer surface 42 to facilitate the application of the container.

The upper threaded edges 43 of the container 60 mesh with the lower threaded edges 44 of the cover 45 which is integral with cylindrical side walls 46. The lower edges 47 of the walls 46 are threaded and mesh with the threaded edges 48 of the container 41.

Openings 49 are formed in the cover 45 and are used for the removal of salt situated within the interior 50 of the container 60.

The cover 45 is provided with an upper flanged portion 51 which is threaded and which meshes with the threaded portion 52 of a cover 53 which forms a closure for the inner chamber 54 provided within the walls 46 and the container 41. Pepper situated within the chamber 54 is dispensed through the openings 55 formed in the

cover 53 and situated diametrically opposite the openings 49 formed in the cover 45.

The cover 45 is provided with ribs 56 which may serve as a support for a cap 57 which is adapted to cover the members 45 and 53 when the article is not being used.

The interior 50 of the container 40 may be conveniently filled by removing the cover 45 while the interior 54 of the inner container 41 may be filled either by removing the cap 53 or by unscrewing the container 41.

It is apparent that the specific illustrations shown above have been given by way of illustration and not by way of limitation, and that the structures above described are subject to wide variation and modification without departing from the scope or intent of the invention, all of which variations and modifications are to be included within the scope of the present invention.

What is claimed is:

1. A combination dispenser comprising a container having a cover removably mounted thereon, said cover being substantially imperforate except for an off-set group of perforations at one side thereof, another container having side walls integral with and depending from said cover and a bottom closure connectible with said side walls, said second-named container being situated within said first-named container and being covered by a section of said first-named cover, said section being substantially imperforate excepting for a group of perforations at one side thereof off-set with respect to said first-named perforations.

2. A combination dispenser comprising a container having a cover removably mounted thereon, said cover being substantially imperforate except for an off-set group of perforations at one side thereof, another container having side walls integral with and depending from said cover, said second-named container being situated within said first-named container and being covered by an imperforate section of said first-named cover, said imperforate section being provided at one side with a perforated portion, said perforated portion being off-set with respect to the said perforations of said first-named cover.

3. A combination dispenser comprising a container having a cover removably mounted thereon, said cover being substantially imperforate except for an off-set group of perforations at one side thereof, a second container depending from said cover and being situated within said first-named container, said second-named container being covered by an imperforate section of said first-named cover, said imperforate section being provided at one side with a perforated portion, said perforated portion being off-set with respect to the said perforations of said first-named cover.

4. A combination dispenser comprising a container having a cover removably mounted thereon, said cover being substantially imperforate except for an off-set group of perforations at one side thereof, a second container situated within said first-named container and having a threaded opening, an imperforate section of said first-named cover having screw-threads formed in the underside thereof, said threaded opening of said second-named container meshing in said screw threads of said imperforate section, said imperforate section being provided at one side with a perforated portion, said perforated portion being off-set with respect to the said perforations of said first-named cover.

VALENTINE SCHINDELBECK.