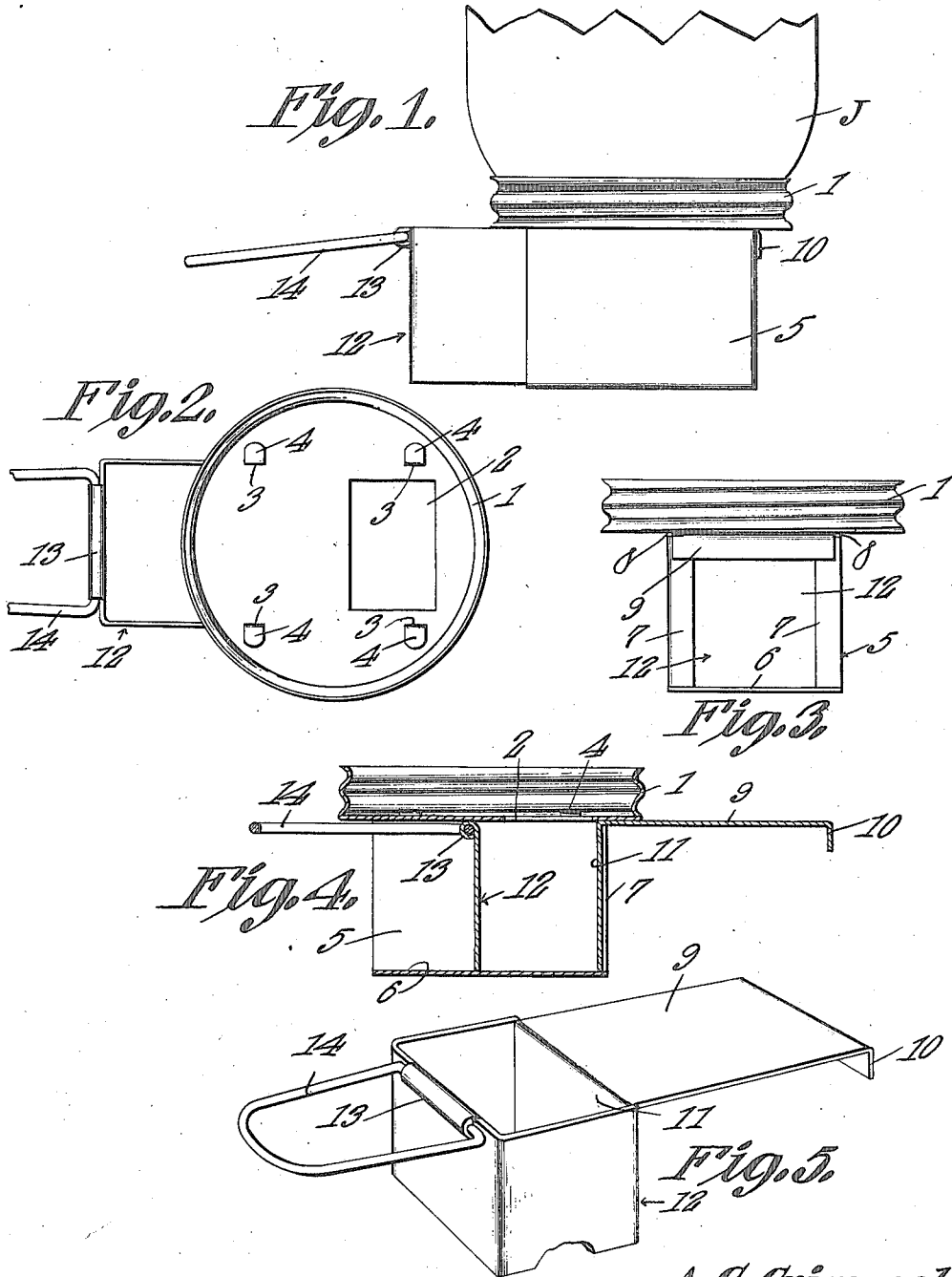


A. C. CRIMMEL.
DISPENSING CAP OR COVER.
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1,157,679.

Patented Oct. 26, 1915.



Witnesses
J. R. Amelin
R. L. Parker.

A. C. Crimmel,
Inventor
by *Cashow & Co.*
Attorneys

UNITED STATES PATENT OFFICE.

ALVIE C. CRIMMEL, OF HARTFORD CITY, INDIANA.

DISPENSING CAP OR COVER.

1,157,679.

Specification of Letters Patent.

Patented Oct. 26, 1915.

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To all whom it may concern:

Be it known that I, ALVIE C. CRIMMEL, a citizen of the United States, residing at Hartford City, in the county of Blackford and State of Indiana, have invented a new and useful Dispensing Cap or Cover, of which the following is a specification.

The present invention relates to improvements in dispensing caps or covers, one object of the invention being the provision of cap or cover adapted to be connected to a container, as for instance, a jar or cask to normally seal or close the same and when placed in an inverted position, to place in dispensing relation thereto, a slidable member whereby a measured quantity of the material from the container may be dispensed through the cap or cover without removing such cap or cover.

A further object of the present invention, is the provision of a dispensing cap or cover having a horizontally disposed open ended member fixedly connected thereto and a slidably mounted open ended member disposed at right angles to the first open ended member for covering therewith a receptacle, a means disposed to be moved longitudinally of the first open member to receive and deliver the material from and through the second open member.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement 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.

In the drawings—Figure 1 is a side elevation of the present device in dispensing position and so connected to a container, a portion of which only is shown, Fig. 2 is a plan view taken from the inner side of the cover of the present device. Fig. 3 is an end view thereof taken from the opposite end to the operating end. Fig. 4 is a longitudinal sectional view through the complete cap or cover with the dispensing member in material receiving position. Fig. 5 is a perspective view of the movable dispensing member *per se*.

Referring to the drawings, the numeral 1 designates the main cap or cover which is adapted to be fitted upon the jar J, or any

other form of container adapted to receive a cap, which may be threaded as shown or may be plain.

The cover is provided with a rectangular opening 2 as clearly shown in Figs. 2 and 4 which permits of the falling of the material therethrough as will presently appear. The cover is further provided with four slots or openings 3 for the reception of the tangs or prongs 4, which are inserted from the exterior of the cover and bent upon the interior thereof to properly attach the sides of a U-shaped in cross section guiding member 5, which is open at both ends and disposed in parallel with the disk portion of the cap or cover below the opening 2. Formed upon the sides of the member 5 at one end thereof, are the inturned limiting flanges 7, which are bent integral with the sides and further provide the recesses or openings 8 at the upper ends thereof for the proper slidable reception of the cut off plate 9 which is provided with the limiting lip 10 upon its free end. This cut off plate 9 is in reality a continuation of the rear wall 11 of the dispensing member or bottomless receptacle 12 which is open at the top and bottom so that one end is normally closed by the bottom 6 of the member 5, so that when the parts are in the position as shown in Figs. 2 and 4, the material from the container J will pass through the opening 2 into the dispenser 12 and thus be held therein by means of the bottom 6 of the member 5.

The member or receptacle 12 is slidable snugly between the guiding member and cover to register with the opening 2 when the receptacle 12 bears against the flanges 7. The cut-off plate which projects angularly from the back wall of the receptacle 12 is flush with the upper edge of said receptacle and slides snugly between the cover and said flanges 7, whereby the receptacle will move snugly within the guide without danger of binding. The angularly extending lip 10 at the free end of the cut-off plate contacts with the flanges 7 before the receptacle 12 is moved completely out of the remote end of the guiding member 5.

In order to provide a means for imparting sliding movement to the member 12 within the member 5, a sleeve 13 is formed upon the upper edge of the wall opposite to the wall 11 thereof, and has pivotally connected thereto, the bail or handle 14. The

sleeve 13 constitutes an outwardly curled portion with which the respective wall of the receptacle 12 is provided, and said sleeve is arranged adjacent the upper edge of the receptacle 12. The bail or handle 14 projects in a direction opposite to the direction in which the cut-off plate projects.

It will thus be seen that when the dispensing member 12 has been filled in the position as shown in Fig. 4, by pulling upon the bail to the left as there viewed, the receptacle may be caused to assume the position as shown in Figs. 1 and 2, at which time the receptacle 12 will be beyond the bottom 6 of the member 5 and consequently the material will be released thereupon to the lower open end of the member 12, while the cut off plate 9 will have passed below the opening 2 and therefore prevent the flow of the material therethrough. The lip 10 by engaging the flanges 7 limits the outward movement of the dispensing member, while the inward movement is limited by the projection of the wall 11 against such flanges.

From the foregoing description, it is evident that with a device of this character, the same may be readily attached to a container as for instance a preserving jar and thus when the jar is properly resting upon the bottom thereof, the present device will form a cover therefor, the parts being either in the position as shown in Figs. 2 and 4, as either the plate 9 will seal the opening 3 or the combination of the wall with the member 12 and the bottom 6 of the member 5.

The member 12 may also be made of a

particular size, so that when dispensing coffee, one table spoonful will be the limit contained therein at each reciprocation of the dispensing member 12.

What is claimed is:

A dispensing cover having an outlet opening, an open-ended guide of U-shaped cross section having its sides secured to the cover below said opening, the sides of the guide having inturned flanges at one end, a bottomless dispensing receptacle slidable snugly between the guide and cover to register with said opening when the receptacle bears against said flanges, one wall of the receptacle having an angularly extending cut-off plate flush with the upper edge of the receptacle and sliding snugly between the cover and said flanges, the free end of the cut-off plate having an angularly extending lip to contact with said flanges before the receptacle is moved completely out of the remote end of the guide, the opposite wall of the receptacle having an outwardly curled portion forming a sleeve adjacent the upper edge of the receptacle, and a bail engaging said sleeve and projecting in a direction opposite to the direction in which said cut-off plate projects.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

ALVIE C. CRIMMEL.

Witnesses:

E. F. WILLMAN,
C. T. HILL.