

May 19, 1931.

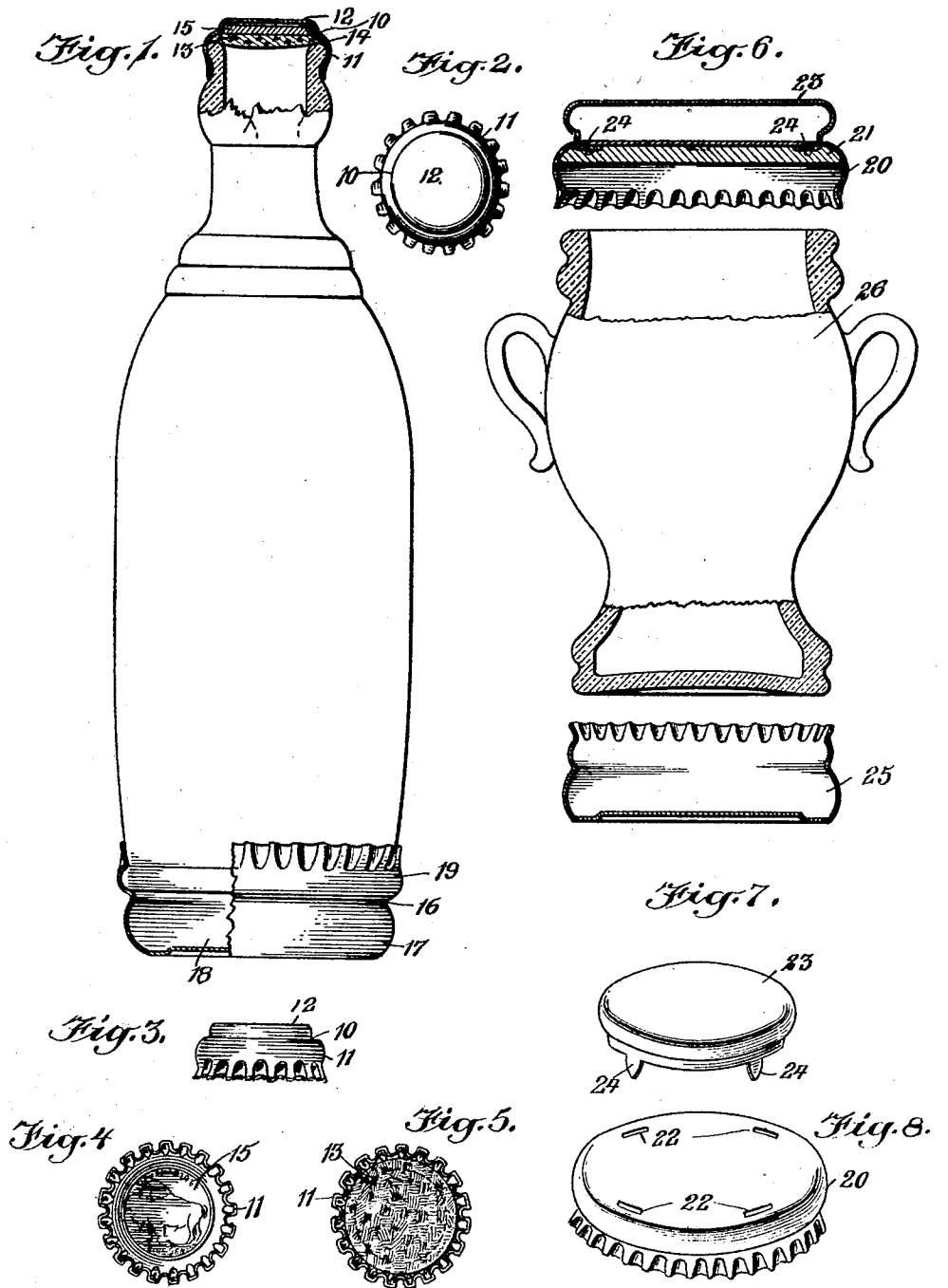
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1,806,256

CLOSURE RECEPTACLE FOR BOTTLES AND JARS

Filed Dec. 13, 1929

2 Sheets-Sheet 1



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2 Sheets-Sheet 2

Fig. 9.

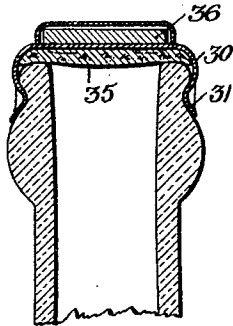


Fig. 13.

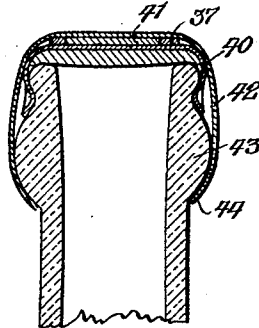


Fig. 15.

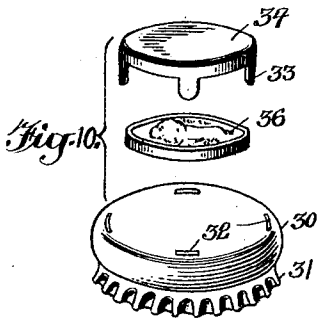
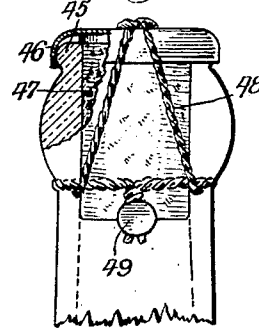


Fig. 11.

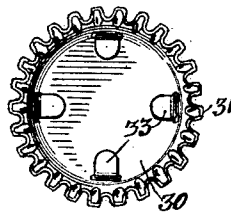


Fig. 16.

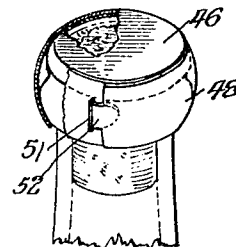


Fig. 12.



Fig. 14.

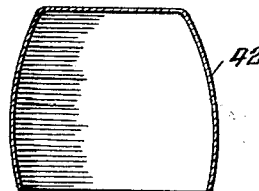


Fig. 17.

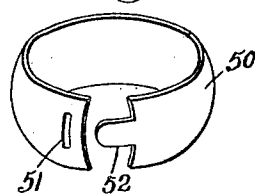


Fig. 18.

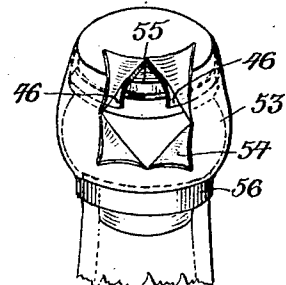
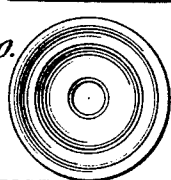


Fig. 19.



Fig. 20.



WITNESSES

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CLOSURE RECEPTACLE FOR BOTTLES AND JARS

Application filed December 13, 1928. Serial No. 325,781.

This invention relates to closure receptacles for bottles and jars.

It is among the objects of the present invention to provide in combination with a receptacle, a concealed prize token, whose value may not be determined until after the purchasing and opening of the receptacle, whereby the association of the prize token will add a spirit of speculation to the purchase of the commodity, and thus tend to increase the sales thereof. With this basic object of the present invention in view, the invention provides means for readily retaining in conjunction with the receptacle, a concealed prize token. It is thus also among the objects of the invention to provide an improved bottle or jar sealing cap of the crown cap type within which a prize token may be concealed.

It is a further object of the present invention to provide a supplementary token-receiving member adapted for association with the base of a bottle, jar or similar retainer.

Another object of the invention is to provide a packing member adapted to receive a token, whereby a token of small dimensions may be received within a receptacle designed for a larger dimension token and prevented from motion therein, which motion might indicate the value of the token within the receptacle.

A further object of the invention is to provide a token-receiving chamber adapted for association with a crown cap stopper or cork, which acts as the stopper for a bottle or jar.

With these and other objects and features of the present invention in view, reference may be had to the accompanying drawings, in which the device has been diagrammatically illustrated in connection with a conventional bottle and in connection with a jar. It will be understood, however, that the invention is readily applicable to many types of receptacles, such as bottles, jars, jugs, and the like, and that the invention is not confined to the particular type of receptacles herein illustrated.

In the drawings—

Figure 1 is a front elevation partly broken away, showing one form of my present invention associated with the neck of a bottle,

and acting as a stopper therefor, and another form of my invention associated with the base of the bottle for concealing therein a prize token;

Figure 2 is a top plan view of the cap illustrated in Fig. 1;

Fig. 3 is a side elevation of a crown cap formed in accordance with my present invention;

Fig. 4 is a bottom plan view of the form of my invention illustrated in Fig. 3, with the sealing cork removed;

Fig. 5 is a bottom plan view of the device as shown in Figs. 3 and 4, and with the sealing cork associated therewith;

Fig. 6 is a side elevation, partly in section, of a jar illustrating a receptacle sealing member adapted for association with the mouth thereof, and further illustrating a supplementary base receptacle adapted for retaining a prize token in association with the bottom of the jar;

Fig. 7 is a detail view of the chamber portion of the sealing cap illustrated in Fig. 6;

Fig. 8 is a detail of the sealing base of the cap shown in Fig. 6;

Fig. 9 is a vertical sectional view of a modified form of a receptacle crown bottle closure;

Fig. 10 is a composite view showing the various portions of the device as illustrated in Fig. 9;

Fig. 11 is a bottom plan view of the device as illustrated in Figs. 9 and 10 assembled and with the cork sealing member removed;

Fig. 12 is a perspective view, partly broken away, showing a coin-encircling band adapted to increase the outer diameter of a coin for retaining it in tight association with its receiving receptacle;

Fig. 13 is a vertically sectional view of a further form of the invention in which a prize token is associated with a crown cap by a foil bottle cap;

Fig. 14 is a sectional view of the foil cap as illustrated in Fig. 13;

Fig. 15 is a further modification of the present invention in which an open-sided receptacle is adapted to retain a prize token

and be secured to a bottle by the conventional cork wiring;

Fig. 16 illustrates the open-sided receptacle as shown in Fig. 15 secured to the bottle 5 by the provision of a bendable annular securing band;

Fig. 17 is a detail perspective view of the band illustrated in Fig. 16;

Fig. 18 illustrates a further modification 10 of the invention in which a token is secured within a cap and in association with a bottle by a sealing member;

Fig. 19 is a sectional view of a specifically formed capping die adapted to be used in 15 connection with that form of the invention shown in Figs. 1 to 5 and 9 to 12; and

Fig. 20 is a bottom plan view of the die shown in Fig. 19.

Referring more particularly to Figs. 1 to 20 5, inclusive, of the drawings, there is disclosed in association with the top of a bottle, a crown type sealing member including a body 10 having crimped side flanges 11 and an upwardly extending chamber forming 25 top 12. A cork sealing member 13 is provided adapted to be secured in position by the flanges 11, and thus provide between it and the apertured top 12, a chamber 14 within which a prize token, such as a coin, may be 30 received.

In use of this form of the invention, the coin 15 is positioned within the top 12, assuming the position indicated in Fig. 4. The cork 13 is then placed over the coin and 35 secured by the side flanges 11, the device thus assuming the position shown in Fig. 5. The cap 10 may then be placed on and removed from the bottle in the usual manner. After removal of the cap the cork 13 may be re- 40 moved and the token 15 recovered. It will be seen that the token is hidden from view by this construction and thus contributes to the element of speculation involved in the purchase of the bottle.

Referring to the lower portion of Fig. 1, a case-engaging cap 16 is provided, being enlarged as at 17 to provide a prize pack- 45 age space 18. This form of the invention is adapted to be secured to the conventional base rib of a bottle through crimped flanges 19, as disclosed. It will be readily seen that this form of the invention also provides for the reception of a concealed prize in association 50 with the bottle. In either the sealing cap or the receptacle base herein illustrated, it will be understood that a suitable bonding label may be provided, rupture of which will indicate that the prize has been tampered with.

Referring more particularly to Figures 6, 60 7 and 8 of the drawings, there is here provided a jar 26, which, obviously, may be of any desired design or configuration. A closure cap 21 is provided for the jar which includes the usual crimped side flanges, and a seal- 65 ing member 21 received by the cap and se-

cured by the flanges. In this form of the present invention the cap 20 is provided with elongated apertures 22, as shown in Fig. 8, and a supplementary receptacle forming cap 23 is provided having depending prongs 24 70 adapted to be received through the apertures 22 and to be bent to embrace the top of the sealing cap 20 and be secured in position by the sealing member 21. Between the top of the sealing cap 20 and the supplementary cap 75 23, a suitable prize or prize token is adapted to be received.

In the use of this form of the invention, a prize or prize token is placed within the supplementary cap 23, the prongs 24 are inserted 80 in the apertures 22 in the sealing cap and are bent back against the top of the sealing cap 20, and the sealing member 21 is then inserted and assists in securing the prongs 24 in position, as indicated in Fig. 6. The cap assembly 85 may then be placed and secured in the conventional manner. If desired, sealing means may be provided whereby removal of the cap will rupture the same to indicate that the receptacle has been tampered with. 90

Referring more particularly to the lower portion of Fig. 6, it will be seen that a further prize or prize token receiving cham- 95 ber 25 may be provided similar to the receptacle 16, which may be used in connection with the bottle, the general configuration and mode of operation of the receptacle 25 being substantially as described in connection with the receptacle 16 in Fig. 1. In this connec- 100 tion it will be seen that in usual cases only one of the prize containing receptacles will be used in connection with one jar or bottle. Thus should the lower receptacle 25 be used, the cap or sealing means of the jar may be of 105 any conventional type; or if the prize receiving cap is utilized, the lower prize receiving receptacle will not usually be used. It is, however, within the scope of the invention to use either one or both of the receptacles, as 110 desired.

Referring more particularly to Figs. 9, 10 and 11 of the drawings, a modification of the crown type cap is here illustrated, the construction being substantially similar to the construction of the jar cap as illustrated in 115 Figs. 6, 7 and 8. In this form of the invention a crown cap 30 is provided having crimped flanges 31, the cap having apertures as at 32 to receive therethrough tongues 33 of a supplementary token-receiving cap 34, 120 and a sealing member 35 is provided for effecting a fluid-tight seal between the bottle and cap 30, and for assisting in retaining the tongues 33 in proper relation with respect to the top of the cap 30. 125

In this form of the invention the sealing member 35 is removed from the crown and a prize token 36 is positioned within the supplementary cap 34. The tongues 33 are ex- 130 tended through the apertures 32 and turned

inwardly, the device assuming the form as illustrated in Fig. 11. The sealing member 35 is then positioned within the cap and the device is ready for use in the conventional manner.

Referring more particularly to Fig. 12 of the drawings, there is here illustrated a method of securing variously sized prize tokens within a single size of chamber. This is accomplished by the provision of an annular packing ring 37, which is adapted to encircle the prize token 38 and thus extend the size of the token to conform to the size of the receptacle within which it is adapted to be received. Thus movement of the token within the receptacle is prevented and no indication of the size and thus indication of the value of the token is permitted. Obviously the size and configuration of the annular packing member 37 is such as to conform to the check or token with which it is adapted to be associated and with the receptacle which is adapted to receive it.

Referring more particularly to Figs. 13 and 14, it will be seen that the present invention may be carried out by the association with the usual crown bottle sealing member as illustrated at 40, of a prize token positioned on the top thereof, and, if desired, utilizing the band 37 as illustrated. The prize token 41 is secured upon the top of the crown 40 by the provision of a tin or aluminum foil covering, or the like, as illustrated at 42 in Figs. 13 and 14. As in the usual practice, the tin or aluminum foil covering 42 is crimped about the lower edge of the upper bulge of the neck of the bottle, the bulge being indicated at 43 in Fig. 13 and the crimped portion being indicated at 44. It will be understood that the use of the packing member 37 is purely optional. By the use of such member feeling of the tin or aluminum foil cap 42 will not give an indication of the size or value of the token concealed thereby.

Referring more particularly to Fig. 15, in this form of the invention a token 45 is illustrated received within a supplementary open-sided cap 46, the token resting directly upon a cork or other suitable stopper 47 for the receptacle. The open-sided cap 46 is adapted to be secured over the cork 47 by a suitable wiring 48, which may be of conventional manner and which may be sealed through a suitable lead sealing means 49.

Referring more particularly to Figs. 16 and 17 of the drawings, there is here illustrated an improved method of securing the open-sided cap 46 to the top of the bottle. This means includes an annular band 50 of curved configuration, as illustrated in Fig. 17, the band being apertured as at 51 to receive therethrough a tongue 52 carried by the opposite end of the band. The tongue preferably passes through the aperture 51

from the outside to the inside and thus effects a neat method of insuring a tight lock upon the band 50.

In that form of the invention illustrated in Fig. 18, a lead foil or other soft covering 53, is provided, which is cut away as at 54, to disclose a token 55 covered by the cap 46 and secured to the top of the bottle through the provision of the cover 53. It will be seen that the cover 53 is similar to the cap 42 illustrated in Figs. 13 and 14, but preferably of softer or more flexible material than the cap 42 and may be formed preferably of paper, lead, foil, rubber, hide, or the like, and sealed by a suitable band 56.

Having thus described the invention, it will be seen that numerous interrelations of the various forms of the invention herein illustrated may be used without departing from the spirit or scope of the invention. It will be understood that the particular type of receptacle herein illustrated does not confine the invention and that the invention is applicable to many types of bottles, jars and other receptacles. It is further understood that various modifications of the invention as illustrated in Figs. 9 to 18, may be applicable to the jar as illustrated in Fig. 6, and that devices formed in accordance with these structures may be utilized in connection with the base of a receptacle. It will thus be seen that numerous changes and modifications and the full use of equivalents may be resorted to without departing from the spirit or scope of the present invention as outlined in the appended claims.

In connection with the use of the present invention, reference may be had to my co-pending application, Serial No. 325,232, filed Dec. 11, 1928, in which means for associating the prize token with the side of a receptacle has been disclosed.

What is claimed is:

1. In a device of the character described, a receptacle, and means associated therewith for securing thereto a prize token, said means including a crown sealing device having a token receiving chamber associated therewith and removable therefrom, said chamber having projecting prongs adapted to extend through said crown for retaining said chamber in association with said crown.

2. In a device of the character described, a receptacle, and means associated therewith for securing thereto a prize token, said means including a receptacle closure and a chamber-forming member including projections removably receivable through said closure, whereby said member may be removably associated with said closure.

3. In a device of the character described, a receptacle, and means associated therewith for securing thereto a prize token, said means including a closure having a token receiving chamber associated therewith and removable

therefrom, said chamber having projecting prongs adapted to extend through said closure for retaining said chamber in association with said closure.

4. In a device of the character described, an apertured crown seal bottle closure, a chamber-forming member including peripheral prongs for removably retaining said member with said crown, the upper surface of said crown forming a sealing closure for said chamber-forming member, and a sealing cork within said crown for sealing the bottle to which said crown is applied and operable to conceal said prongs thereunder.

5. An article containing and concealing device, comprising the combination of a container closure, a cap member and means to detachably connect the cap member with said closure whereby to form an enclosure for the article, said means being accessible to detach said cap member, subject to the removal of the closure from the container, to release the article.

6. An article containing and concealing device comprising the combination of a container closure, a cap member, and bendable portions on said cap member which are engageable with said closure to detachably connect said cap member and closure together to form an enclosure for the article, said portions being disengageable to detach said cap member, subject to the removal of the closure from the container, to release the article.

7. An article containing and concealing device comprising the combination of a container crown seal, a cap member, and coacting means on said crown seal and cap member to detachably connect them together, whereby to form a space to receive the article, said means being accessible to detach the cap member from the crown seal, subject to the removal of the crown seal from the container, to release the article.

8. A closure for a bottle, jar, or the like, which comprises a metal cap provided with a peripheral crimped flange for gripping the outer surface of the bottle near its open end, a sealing member within the cap held in contact with the edge of the bottle opening by a portion of the cap adjacent said flange, said cap having another portion free of said sealing member to form a receptacle, an object in said receptacle, said object being accessible and removable only upon removal of the cap from the bottle and of the sealing member from the cap.

9. A closure for a bottle, jar, or the like, which comprises a metal cap provided with means for firmly securing the cap to the outer surface of the bottle near its open end, a sealing member within the cap held in contact with the edge of the bottle opening by a portion of the cap adjacent said flange, said cap having another portion free of said sealing member to form a receptacle, an object

in said receptacle, said object being accessible and removable only upon removal of the cap from the bottle and of the sealing member from the cap.

10. A closure for a bottle, jar or similar receptacle which comprises a metal cap having a crimped peripheral flange for gripping the outer surface of the bottle near its opening, a sealing member in the cap operable when the cap is in position on the bottle to seal the bottle against loss of its contents, and a chamber defined in part by said cap and in part by said sealing member, an object in said chamber, the object being accessible and removable only upon removal of the cap from the bottle and of the sealing member from the cap.

11. A closure for a bottle, jar or similar receptacle which comprises a metal cap having a flat top and a crimped peripheral flange for gripping the outer surface of the bottle near its opening, a substantially flat sealing member in the cap operable when the cap is in position on the bottle to seal the bottle against loss of its contents, and a chamber defined in part by said cap and in part by said sealing member, a flat object within said chamber, the object being accessible and removable only upon removal of the cap from the bottle and of the sealing member from the cap.

12. A closure for a bottle, jar or similar receptacle which comprises a metal cap having a crimped peripheral flange for gripping the outer surface of the bottle near its opening, a sealing member in the cap operable when the cap is in position on the bottle to seal the bottle against loss of contents, said cap containing an inwardly extending rim engaging the edge of the sealing member and forcing the sealing member into a sealed engagement with the bottle opening, said sealing member being spaced from the central portion of the cap to provide an enclosed chamber, a token in said chamber, the token being accessible and removable only upon removal of the cap from the bottle and of the sealing member from the cap.

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