

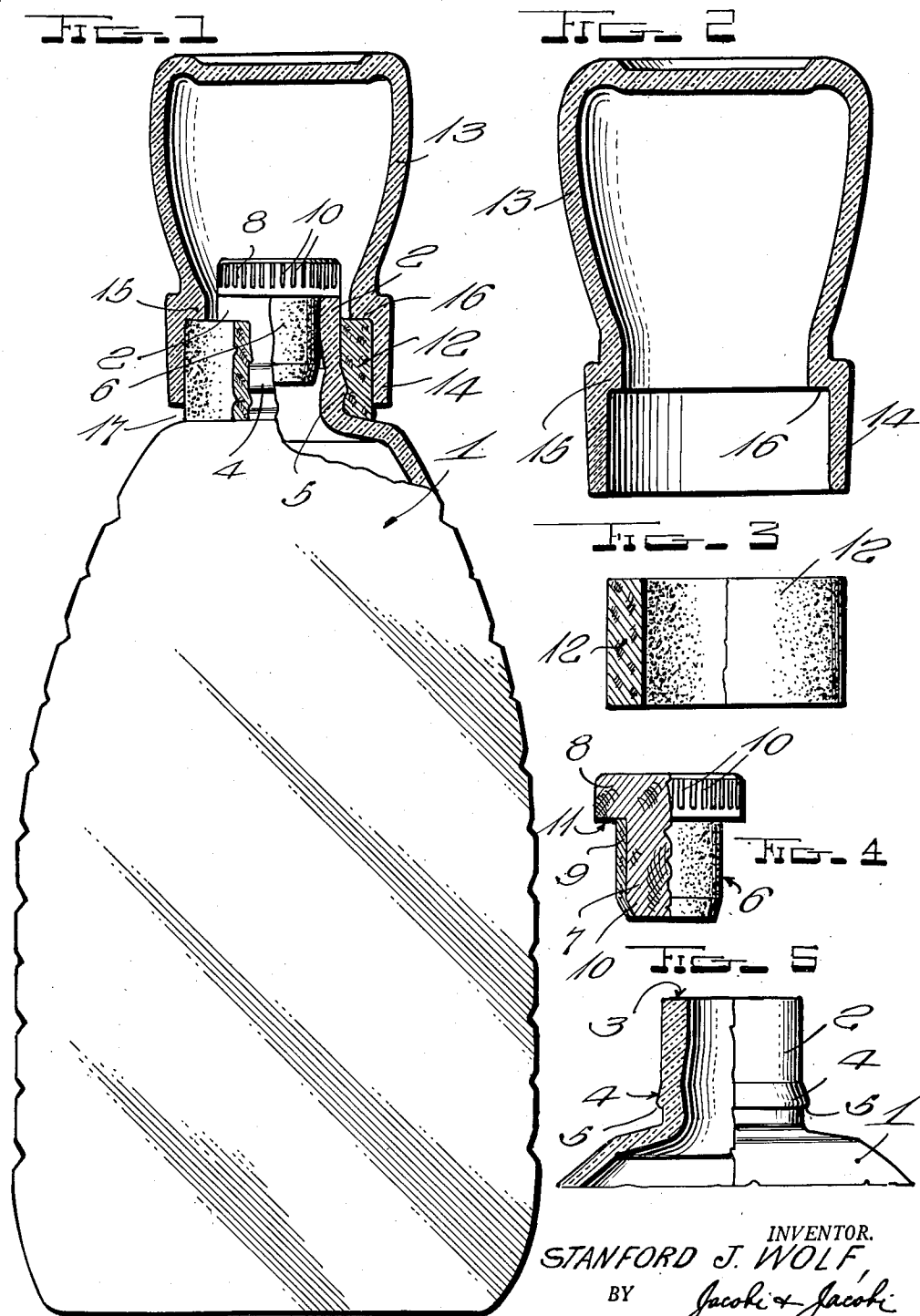
Feb. 5, 1952

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2,584,522

BOTTLE AND CLOSURE

Filed Jan. 27, 1950



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## UNITED STATES PATENT OFFICE

2,584,522

## BOTTLE AND CLOSURE

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Application January 27, 1950, Serial No. 140,847

1 Claim. (Cl. 215—38)

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This invention relates to a bottle of the decanter type and it is one object of the invention to provide a bottle having a closure which is enclosed in a shield or hood of such formation that it serves as a glass into which wine, or other liquids, may be poured from the bottle and consumed.

Another object of the invention is to provide the bottle with a neck carrying a collar formed of cork, the hood or shield having a mouth portion so formed that when the hood is applied to the bottle, a sealed joint will be formed and an air-tight closure assured which will eliminate danger of wine in the bottle becoming spoiled.

Another object of the invention is to so form the neck of the bottle that the cork collar will be firmly held in place about the neck and prevented from being drawn upwardly from the neck when the hood is removed.

Another object of the invention is to so form the hood that when it is applied to the bottle a ledge within the mouth of the hood will rest upon the upper edge face of the cork collar and not only form a tight seal but also serve to support the marginal edge of the mouth in upwardly spaced relation to the portion of the bottle surrounding its neck and thus prevent the edge of the hood from becoming chipped and cutting the lips or tongue of a person using the hood as a wine glass.

Another object of the invention is to provide an improved bottle and closure of simple construction, inexpensive to manufacture and one which will be very efficient and useful in practice.

With these and other objects in view, the invention consists of an improved construction and arrangement of parts, one practical embodiment of which is illustrated in the accompanying drawing, wherein:

Figure 1 is a view showing the bottle and closure partially in side elevation and partially in longitudinal section;

Figure 2 is a sectional view, taken longitudinally through the hood;

Figure 3 is a view showing the cork collar partially in elevation and partially in longitudinal section;

Figure 4 is a view showing the stopper partially in elevation and partially in longitudinal section; and

Figure 5 is a view showing the upper portion of the bottle and its neck partially in elevation and partially in longitudinal section.

This improved bottle is of the type known as a

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decanter and has a body 1 and a short neck 2 which projects upwardly from the body and has a flat upper edge 3, as shown in Figures 1 and 5. The bottle is preferably formed of glass, but it will be understood that other materials may be used. In spaced relation to its lower end, the neck is formed with an outwardly projecting circumferentially extending lip or bead 4 which gradually increases in thickness towards its lower edge, so that it has a surface extending downwardly at an outward incline and then curves inwardly to form a shoulder 5.

A stopper 6 is provided for closing the bottle and consists of a plug 7 which is formed of wood, or other suitable material, and has a head or knob 8 at its upper end, the plug being covered by a cork sleeve 9 and having its lower end 10 tapered so that the stopper may be easily forced downwardly into the neck and the cork sleeve compressed by contact with the inner surface of the neck and a tight joint formed between the stopper and the neck. The edge face of the head 8 is knurled, as shown at 10, so that a firm grip may be obtained when applying or removing the stopper and its under face 11 is flat so that it has close fitting face to face engagement with the edge face 3 of the neck 2 of the bottle when the stopper is in place.

A collar or gasket 12 which is formed of cork and of cylindrical formation surrounds the neck and is of such internal diameter that it fits tightly about the neck. When the collar is applied to the neck and forced downwardly into place, it passes downwardly across the bead 4 and a portion of the collar engages under the shoulder of the bead. Therefore, the bead will have interfitting engagement with the collar and the bead will prevent the collar or gasket from accidentally slipping upwardly along the bottle neck and off the neck.

After the stopper 6 has been forced into the bottle neck, a cap or hood 13 is applied to the bottle. This hood, which may be referred to as a shield, is formed of glass and is of such dimensions that it may be used as a glass or cup for drinking wine, or other liquids, poured from the bottle. The open end of the hood or cup is formed with a mouth 14 of such internal diameter that it fits snugly about the collar or gasket 12 and about the inner end of the mouth, the hood is formed with a circumferentially extending shoulder 15 having a flat surface 16. This shoulder fits flat against the flat upper edge face of the gasket and when the hood is applied, the

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gasket is sufficiently compressed diametrically to form a tight seal and exert frictional grip which prevents the hood from readily slipping out of place.

Referring to Figure 1, it will be seen that the depth of the mouth 14 is less than the depth or length of the gasket. Therefore, when the hood is applied, there will be a space 17 between the edge face of the mouth 14 and the upper portion of the bottle surrounding the neck 2 and the mouth will not be chipped or cracked by contact with the body portion of the bottle. It will thus be seen that the hood or cap may be used as a wine glass without danger of a person's lips or tongue being cut while drinking from the glass.

From the foregoing description of the construction of my improved Bottle and Closure therefor, the method of applying the same to use will be readily understood, and it will be seen that I have provided a comparatively simple, inexpensive and efficient means for carrying out the various objects of the invention.

While I have particularly described the elements best adapted to perform the functions set forth, it is apparent that various changes in form, proportion and in the minor details of construction may be resorted to, without departing from the spirit or sacrificing any of the principles of the invention.

Having thus described the invention, what is claimed is:

A bottle having a body and a neck extending upwardly therefrom and integrally formed with an outstanding circumferentially extending bead spaced upwardly from its lower end, said bead gradually increasing in thickness towards its lower edge to form the bead with a circumferential surface extending downwardly at an outward

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incline and then inwardly to form a lower edge face constituting a shoulder, a cork collar fitting tightly about said neck and constituting a cylindrical gasket formed of thick cork and having a portion of the inner surface engaging under the shoulder of the bead to prevent accidental upward movement of the gasket off the neck, a stopper forced into the neck through the upper end thereof, and fitting tightly in said neck, and a removable hood enclosing the stopper and the neck and formed with an open lower end surrounded by a cylindrical mouth extending downwardly therefrom and fitting tightly about said gasket and of less depth than the length of the collar, said hood being formed at the upper end of said mouth with an internal circumferentially extending shoulder having a flat surface resting upon the upper edge face of said gasket and holding the lower edge of the mouth in upwardly spaced relation to portions of the body of the bottle surrounding the lower end of the neck and thus preventing chipping of the edge portion of the mouth when the hood is applied to the bottle.

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#### REFERENCES CITED

The following references are of record in the file of this patent:

#### UNITED STATES PATENTS

| Number    | Name               | Date           |
|-----------|--------------------|----------------|
| 922,174   | Lyman .....        | May 18, 1909   |
| 1,337,034 | Bauermeister ..... | Apr. 13, 1920  |
| 1,427,259 | Burton .....       | Aug. 29, 1922  |
| 1,476,820 | Johnson .....      | Dec. 11, 1923  |
| 1,882,278 | Francyk .....      | Oct. 11, 1932  |
| 2,093,316 | Fowler .....       | Sept. 14, 1937 |
| 2,207,543 | Knapp .....        | July 9, 1940   |