

No. 822,895.

PATENTED JUNE 5, 1906.

S. C. KINDIG.
CLOSURE FOR BOTTLES, JARS, &c.
APPLICATION FILED FEB. 14, 1906.

Fig. 1.

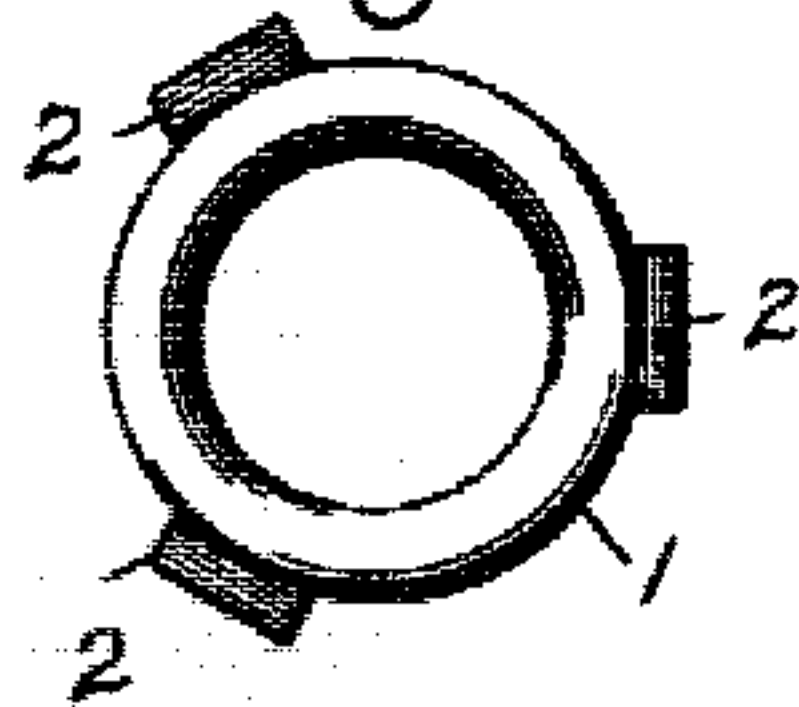


Fig. 2.

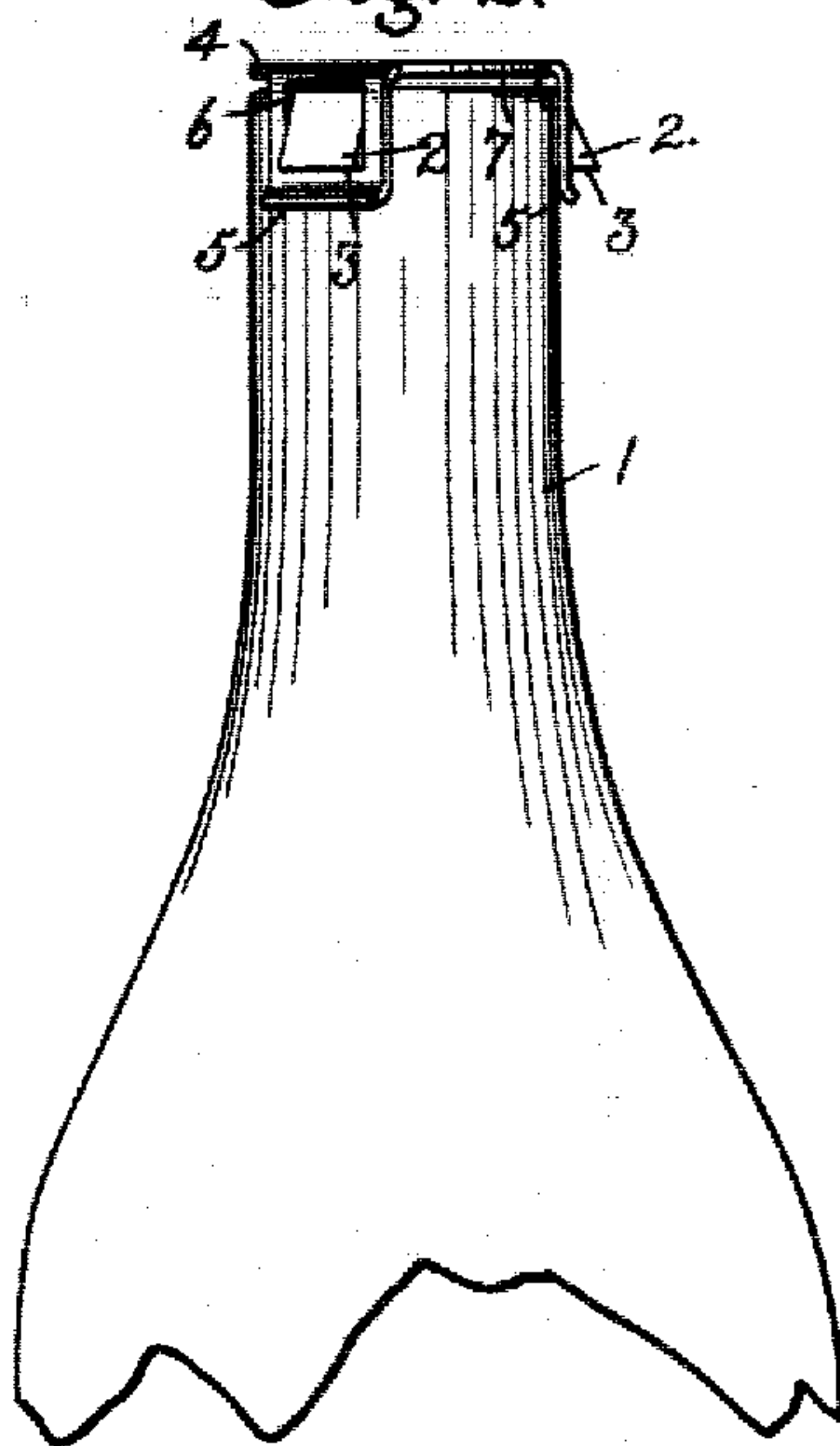


Fig. 3.

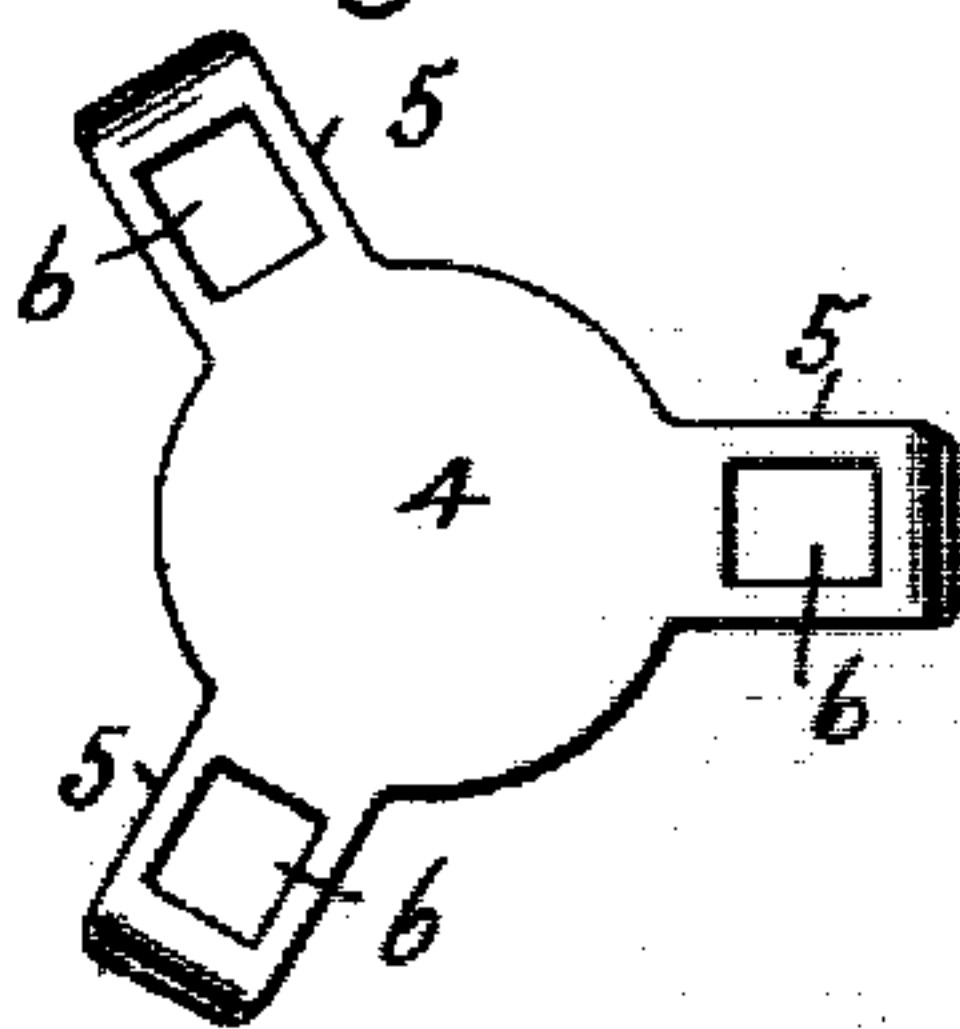
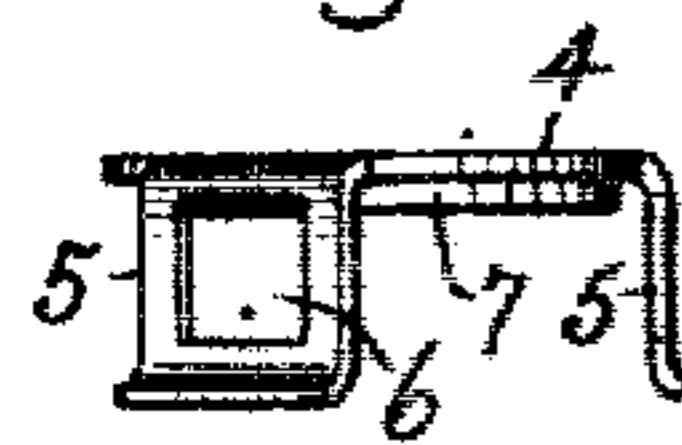


Fig. 4.



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CLOSURE FOR BOTTLES, JARS, &c.

No. 822,895.

Specification of Letters Patent.

Patented June 5, 1906.

Application filed February 14, 1906. Serial No. 300,954.

To all whom it may concern:

Be it known that I, SAMUEL C. KINDIG, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented a new and useful Closure for Bottles, Jars, &c., of which the following is a specification:

This invention relates to improvements in closures for bottles, jars, &c.

10 The object of the invention is to provide a simple, cheap, and efficient closure which may readily be secured upon the bottle, jar, &c., to seal the same, and which can be easily removed when it is desired to unseal the vessel to which it is secured.

15 The invention consists of the new and novel construction and arrangement of the parts as hereinafter more fully set forth in the following specification, and pointed out in the claims.

20 In the accompanying drawings, Figure 1 is a top plan view of the bottle-neck. Fig. 2 is a side elevation of a bottle, showing my invention applied thereto. Fig. 3 is a plan view of the sealing-disk before having the projections bent downwardly. Fig. 4 is a side elevation of the sealing-disk, showing the projections bent downwardly.

Referring to the accompanying drawings, 30 forming part of this specification, and in which similar reference-numerals designate like parts throughout the several views, 1 designates the bottle-neck, which is provided with three lugs 2 at its upper end arranged equidistant around the periphery of the neck of the bottle. These lugs 2 have their outer surfaces inclined outwardly from the upper end, forming a locking shoulder 3 at the lower end.

40 The metal cap 4 is stamped with three projections 5 equidistant around the periphery thereof. These projections 5 are bent down at right angles to the cap and are provided with apertures 6, through which the lugs 2 of the bottle-neck project when the cap is locked on the bottle. The lower end of each of the projections 5 is bent outwardly, so that the finger or tool may be inserted back of the said projection when it is desired to remove the 50 cap. Between the upper edge of the bottle 1 and the cap 4 is a sealing-disk 7, of cork or other suitable material.

The cap is secured to the bottle by placing the same in position with the projections 5

over the lugs 2 and forcing the cap down, 55 which causes the projections 5 to be forced outwardly until they pass the lower edge of the projections 2, when the said projections will spring over the lugs 2 and take under the shoulders 3 and lock the cap securely in position.

The cap is removed by forcing the lower end of one of the projections 5 outwardly until it passes the lug 2, when the cap can be lifted from the vessel to which it is secured. 65

While I have shown three lugs 2 on the bottle and three projections on the cap 4, it is obvious any number may be employed on either of said parts.

Having thus described my invention, what 70 I claim is—

1. The combination with a bottle having a plurality of lugs arranged around the periphery of its neck, and having their outer faces inclined outwardly from the top of the bottle-neck forming locking-shoulders at their lower ends; of a cap having a plurality of projections extending downwardly at right angles thereto and each having an aperture therein and adapted to take over the lugs on the bottle-neck and lock the cap on the bottle the lower end of each of said projections being bent outwardly. 75

2. The combination with a bottle having a plurality of lugs arranged around the periphery of its neck, and having their outer faces inclined outwardly from the top of the bottle-neck forming locking-shoulders at their lower ends; of a cap having a plurality of projections extending downwardly at right angles thereto and each having an aperture therein and adapted to take over the lugs on the bottle-neck and lock the cap on the bottle, the lower end of each of said projections being bent outwardly and a sealing-disk between the bottle and cap. 85

3. The combination with a bottle having a plurality of lugs arranged around the periphery of its neck and provided with inclined outer surfaces, of a cap having a plurality of projections extending downwardly at right angles thereto and each having an aperture therein and adapted to take over the lugs on the bottle-neck and lock the cap on the bottle, the lower end of each of said projections being bent outwardly and a sealing-disk between the bottle and cap. 95

4. The combination with a bottle having a 105

plurality of lugs arranged equidistant around
the outer edge of the neck, the outer surfaces
of said lugs being inclined outwardly from
the upper edge of the neck, forming a locking-
5 shoulder at their lower ends, of a cap having
a plurality of projections extending down-
wardly at right angles thereto and each hav-
ing an aperture therein and adapted to take

over the said lugs on the bottle-neck and lock
the cap to the bottle, the lower end of each 10
of said projections being bent outwardly from
the body of the bottle.

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