

(No Model.)

G. S. CHAMBERLIN.
BOTTLE STOPPER.

No. 455,737.

Patented July 14, 1891.

Fig. 1.

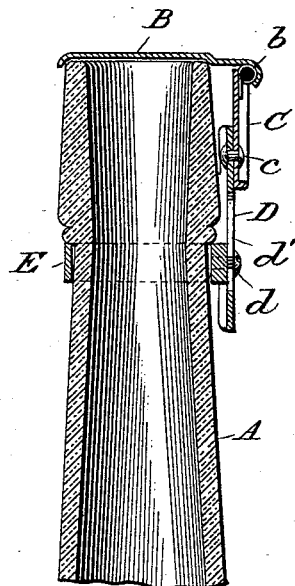


Fig. 2.

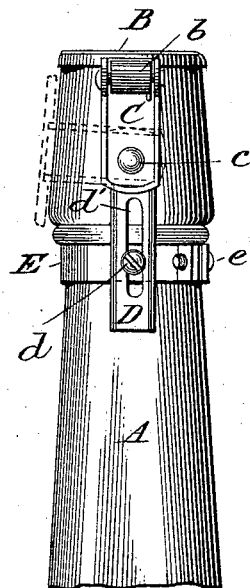
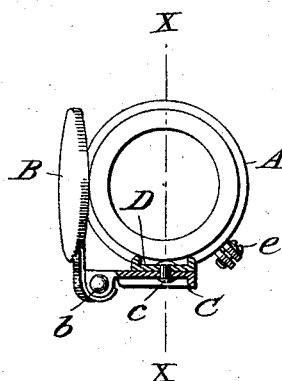


Fig. 3.



Witnesses:

Gustave Dietrich.
George Taylor.

Inventor:

Geo. Chamberlin.

UNITED STATES PATENT OFFICE.

GEORGE S. CHAMBERLIN, OF NEW YORK, N. Y.

BOTTLE-STOPPER.

SPECIFICATION forming part of Letters Patent No. 455,737, dated July 14, 1891.

Application filed January 13, 1891. Serial No. 377,680. (No model.)

To all whom it may concern:

Be it known that I, GEORGE S. CHAMBERLIN, a citizen of the United States, and a resident of the city, county, and State of New York, have invented a new and useful Improvement in Bottle-Stoppers; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

In the drawings, Figure 1 represents a sectional view on the line of xx in Fig. 3, showing the pivotal connection of the parts and exposing the spring which holds the top in position when closed or open for use. Fig. 2 is a side view showing position of device when closed, the dotted lines showing position of the top when open, also showing slot and set-screw for adjusting the parts shown in Fig. 1; and Fig. 3 is a top view of the device when open.

Similar letters of reference indicate corresponding parts.

This invention relates to bottle-stoppers which are designed to exclude from the contents of a bottle extraneous matter, as insects, dust, &c., and to facilitate the rapid and convenient handling of the same by bar-keepers, waiters, and other persons.

It consists in the construction and arrangement of the parts of a bottle-stopper designed to be secured to the neck of a bottle, whereby it may be readily opened for the reception or delivery of its contents or closed to protect the same, as will be fully described on reference to the drawings and claimed.

In the drawings, B, C, D, and E represent four parts of a stopper made of any suitable

material and of a proper form to open and close the same by turning the part C on its pivot, thereby throwing the top into an open position at the side of the lip of the bottle. The part E is a collar clamped to the neck of the bottle A by a screw e . The part D is an upright slotted shank secured to the collar E by an adjusting set-screw d and pivoted to the part C by the pivot c . The part C is a plate which is pivoted to the part D and hinged to the part B. The part B is a disk-shaped cover hinged to the plate C and held in position by the spring b .

The parts of the device are operated by using the thumb or finger to push the hinged parts B and C sidewise, whereby the cover B will be made to take a position at the side of the lip of the bottle and be firmly held there by the spring b for the reception or delivery of the contents, and by the reverse movement the bottle may be closed.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the cover B, hinged to the plate C, and a spring engaging the cover and plate and arranged to swing the cover toward the plate to hold the same on the mouth of the bottle or against the neck thereof, and the plate C, pivoted to the upright slotted shank D, which is adjustably arranged to the collar E by a set-screw d , as set forth.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 5th day of January, 1891.

GEO. S. CHAMBERLIN.

Witnesses:

MICHL. J. LANGAN,
L. E. PRENDERGAST.