No. 633,803. Patented Sept. 26, 1899.

J. CEDERSTROM.

BOTTLE SEALING DEVICE.

(Application filed May 24, 1899.)

(No Model.)

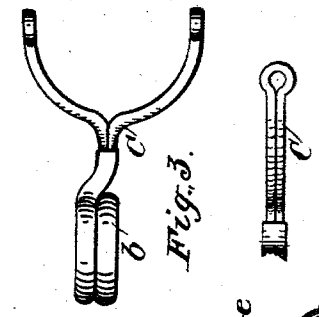


Fig. 3.

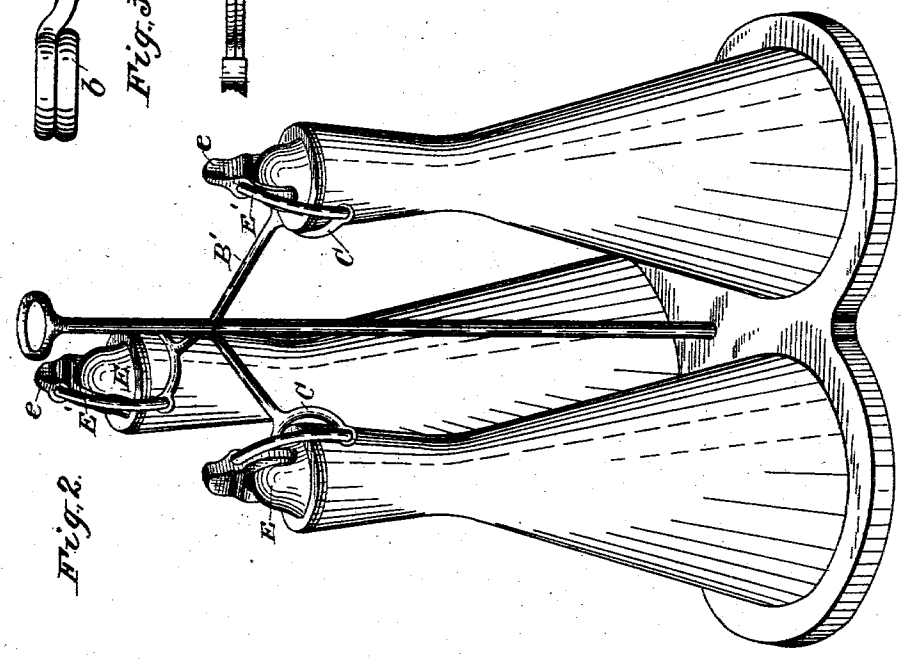


Fig. 2.

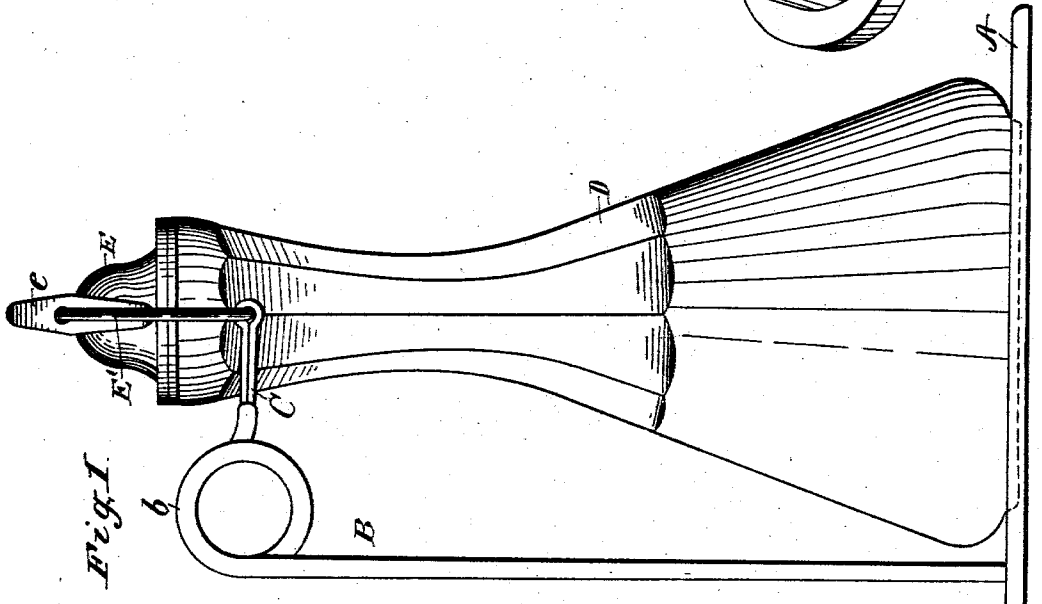


Fig. 1.

Witnesses.
W. R. Edelin.
W. B. Ffetham.

Inventor
John Cederstrom
by J. Philip Mauro
his Atty

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN CEDERSTROM, OF NEW YORK, N. Y., ASSIGNOR TO THE UNITED STATES AERATING FOUNTAIN COMPANY, OF NEW YORK.

BOTTLE-SEALING DEVICE.

SPECIFICATION forming part of Letters Patent No. 633,803, dated September 26, 1899.

Original application filed March 7, 1899, Serial No. 708,091. Divided and this application filed May 24, 1899. Serial No. 718,083. (No model.)

To all whom it may concern:

Be it known that I, JOHN CEDERSTROM, a citizen of the United States, residing in the city and State of New York, have invented a new and useful Bottle-Securing Device, which is fully set forth in the following specification.

This invention relates to fastening devices for bottles, particularly to bottles containing aerated liquids; and it consists of a base or stand and a stopper carried thereby and adapted to engage the mouth of the bottle and hold it securely closed. The stand may be constructed to hold a plurality of bottles, having in that event a corresponding number of stoppers carried upon arms that branch out from the standard.

The object of my invention is to allow the desired quantity of the aerated liquid, as soda, to be drawn from the main reservoir and served to a customer who uses only part of the liquid at a time. To this end there should be provision for closing the bottle instantaneously and effectively, for opening it readily and completely, so that the bottle may be removed and part of its contents poured out without waste, and for holding it securely closed.

I have illustrated my invention as employing the form of stopper that forms the subject of my pending application, Serial No. 708,091, filed March 7, 1899, and of which application the present application is a division and continuation; but I do not limit myself to that form only.

In the drawings annexed hereto and forming part of this specification, Figure 1 is an elevation of a stand and stopper for one bottle. Fig. 2 is a perspective of a stand for three bottles, and Fig. 3 shows details.

A is the base of the stand, which may be an ornamental salver, by preference hollowed out to form a seat for the bottle.

B is a standard rising from the base.

C is a substantially semicircular collar secured to the upper end of the standard and engaging about the neck of the bottle D.

E is the stopper, pivoted by toggle members E′ *e* to collar C.

The parts are all so arranged and constructed that when the bottle is seated in the base and the stopper swung into place the stopper is held tightly against the mouth of the bottle, so as to form a close joint.

I have found it desirable to have the neck of the bottle enlarged above collar C, so that the toggle action of members E′ *e* will draw the stopper down as closely as may be desired against the bottle without tending to twist or strain the arm of the standard or the neck of collar C upward. I have shown this standard as having the loop *b* to serve as a handle and the collar C as of doubled wire bent into the desired form to provide eyes *c* and the stem *c′*, which latter is secured in a seat in the end of the standard, which may be tubular throughout.

Any construction that employs a base with a standard rising therefrom upon which is pivoted or hinged a stopper adapted to engage the mouth of the bottle and capable of being opened or closed instantaneously is within the spirit of my invention. In Fig. 2 arms B′ branch out from the standard B and carry collars C, as in Fig. 1. This form is adapted for use when the attendant desires to serve a party of two or three persons.

Having thus described my invention, I claim—

1. A bottle stand or holder, consisting of a base, a standard rising from the base, projections at the upper end of the standard adapted to engage about opposite sides of the neck of a bottle in place on the stand and below the mouth of the bottle, and a swinging stopper pivoted in said projections so as to move about a horizontal axis whereby it is adapted to be moved to and from a position over the mouth of the bottle to open and close the same.

2. A bottle stand or holder, consisting of a base, a standard on the base, a plurality of arms branching out from the standard in opposite directions, two projections at the outer end of the arm adapted to engage about the neck of the bottle on opposite sides thereof and below the mouth of the bottle, stoppers one for each arm pivoted in the projections thereon so as to swing about a horizontal

axis whereby the stopper may be moved to and from a position over the mouth of the bottle to open and close the same.

3. A bottle stand or holder, consisting of a base, a standard rising therefrom, projections at the upper end of the standard adapted to embrace the neck of the bottle at opposite sides thereof and below the mouth of the bottle, and a swinging stopper pivotally connected to the projections by toggle members so as to swing about a horizontal axis whereby the stopper is adapted to be moved to and from a position over the mouth of the bottle to open and close the same.

4. A bottle stand or holder consisting of a base, a standard rising from the base and bent at its upper end to form a loop or ring adapted to serve as a handle, a semicircular collar secured to the standard and adapted to engage about opposite sides of the neck of a bottle in place on the stand and below the mouth of the bottle, and a stopper pivoted in the outer ends of the collar so as to swing about a horizontal axis whereby the stopper is adapted to be moved to and from a position over the mouth of the bottle to open and close the same.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JOHN CEDERSTROM.

Witnesses:
PHILIP MAURO,
C. A. L. MASSIE.