

No. 615,460.

Patented Dec. 6, 1898.

E. A. PARKER.  
BOTTLE HOLDER AND STOPPER.

(Application filed Feb. 18, 1898.)

(No Model.)

Fig. 1.

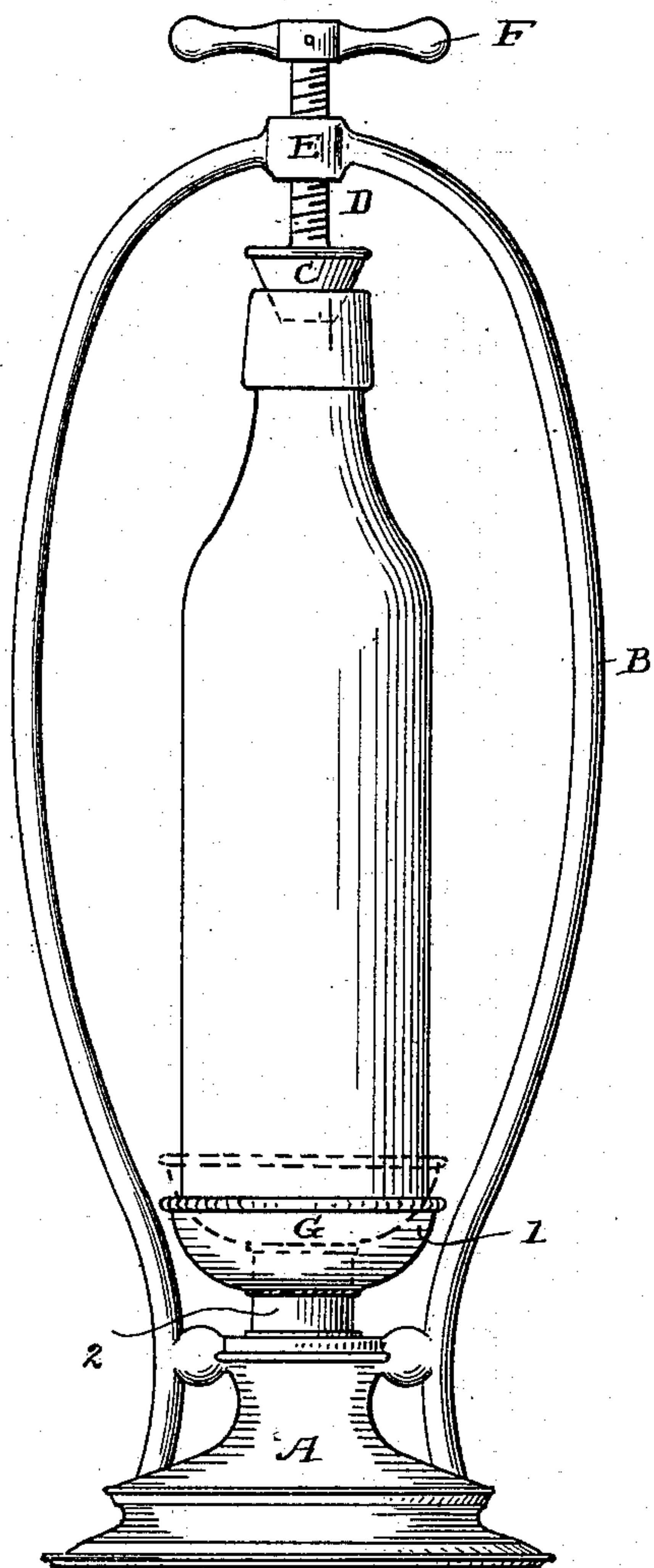
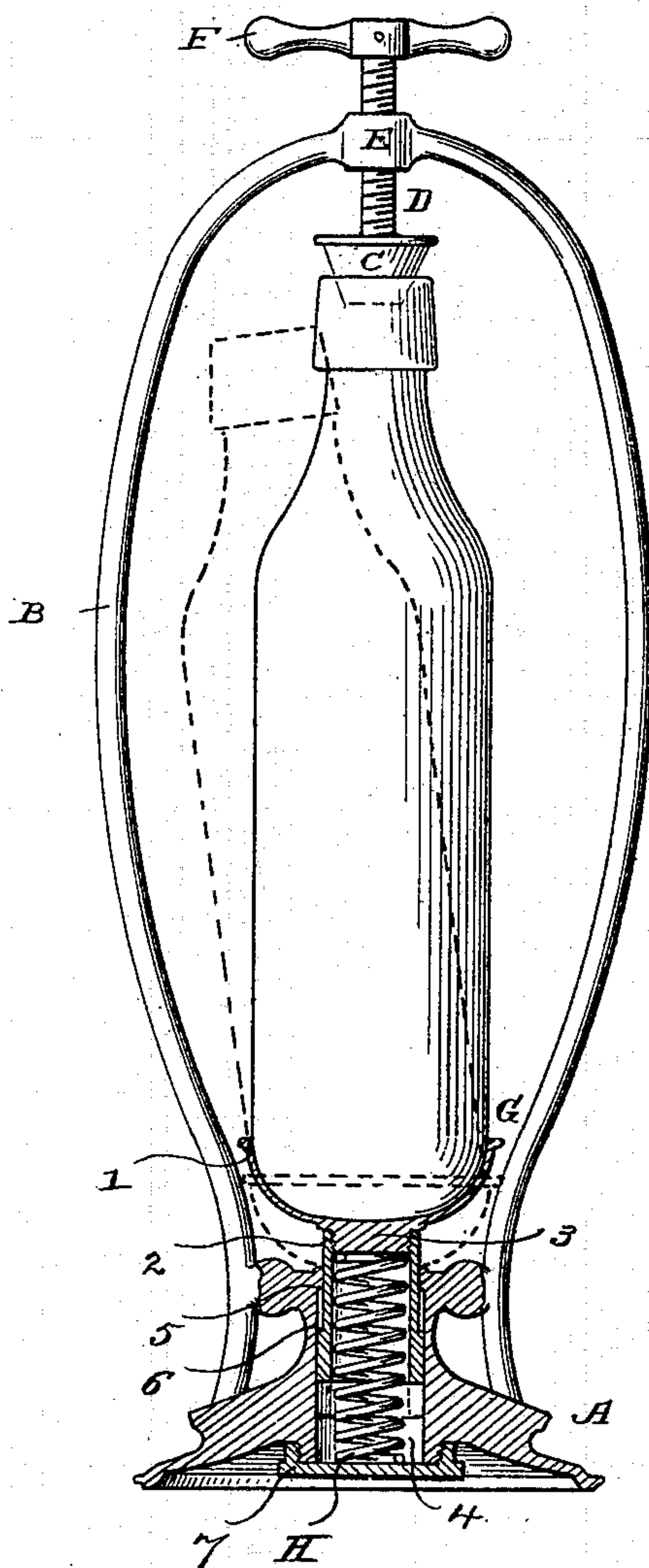


Fig. 2.



WITNESSES

H. A. Lamb  
S. V. Heber

INVENTOR

Edmund A. Parker  
By A. M. Wooster  
att



# UNITED STATES PATENT OFFICE.

EDMUND A. PARKER, OF MERIDEN, CONNECTICUT.

## BOTTLE HOLDER AND STOPPER.

SPECIFICATION forming part of Letters Patent No. 615,460, dated December 6, 1898.

Application filed February 18, 1898. Serial No. 670,830. (No model.)

*To all whom it may concern:*

Be it known that I, EDMUND A. PARKER, a citizen of the United States, residing at Meriden, county of New Haven, State of Connecticut, have invented a new and useful Bottle Holder and Stopper, of which the following is a specification.

My invention has for its object to provide an ornamental and efficient holder for partly-emptied bottles of effervescing beverages—as, for example, champagne, ginger-ale, and carbonated waters—my novel bottle-holder being especially adapted for serving ginger-ale and other beverages which are put up in round-bottomed bottles.

I am of course aware that various holders for ginger-ale bottles have been placed upon the market, which, however, did not stop the bottle and prevent effervescing, so that that portion of the contents not used almost immediately after the opening of the bottle became flat and stale. I am also aware that various devices in the nature of champagne-taps have been made which would close a partly-used bottle of champagne. These devices were of no use, however, in connection with ginger-ale and similar beverages put up in round-bottomed bottles, as no means was provided for holding the bottles. It is, moreover, desirable and, in fact, essential for use in first-class restaurants and in families that any device of this character should be sufficiently attractive in appearance to make it rather an ornament to a table than otherwise. In order to accomplish these results and produce a device of this character which will both hold and stop a round or flat bottomed beverage-bottle, which will act instantly and effectively, so that the bottle will be stopped tightly, but may be instantly removed and again inserted, which will not get out of repair, and which may be made highly ornamental in appearance, I have devised the novel bottle holder and stopper which I will now describe, referring by letters and numbers to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an elevation illustrating the use of my novel bottle-stopper, the raised position of the follower being indicated by dotted

lines; and Fig. 2 is a similar view, partly in section, the operation of inserting or removing a bottle being indicated by dotted lines.

A denotes a base, B a frame secured thereto, and C a stopper at the upper end of the frame. The shape of the base and frame are not of the essence of my invention and may be varied to an almost unlimited extent in accordance with the demands of the trade or the taste of the manufacturer.

It is of course well understood that so-called "pint" and "quart" bottles vary considerably in shape and size. In order to insure that one size of my novel holder and stopper—for example, the pint size—will hold any ordinary bottle of that size, so called—for example, an ordinary round-bottomed ginger-ale bottle or a flat or concave bottomed champagne or apollinaris bottle—I place stopper C at the lower end of a screw D, which has its bearing in a boss E at the upper end of the frame. This screw is provided with a handpiece F for convenience in adjustment.

G denotes a follower, which consists of a supporting-plate 1 and a tubular shank 2. The supporting-plate is shown as made concave to adapt it to receive the rounded bottom of an ordinary ginger-ale bottle without in any way impairing its efficiency as a holder for a champagne or apollinaris bottle. On the under side of the plate is an externally-threaded hub 3, which is engaged by an internal thread at the upper end of the tubular shank. The shank lies in a vertical opening 4 in the base, which is reduced in diameter near its upper end to form an internal shoulder 5. This shoulder forms, in connection with an external shoulder 6 on shank 2, a stop to limit the upward movement of the follower and shank.

H denotes a spring the action of which is to raise the follower and hold it at the raised position, as indicated by dotted lines in Fig. 1. The upper end of this spring is shown as bearing against hub 3 and the lower end as bearing upon a screw-cap 7, which engages the under side of the base.

It will of course be apparent that the details of construction may be varied to an almost unlimited extent without departing



from the principle of my invention and that the parts may be constructed and assembled in various ways.

In the present instance I have shown the supporting-plate and tubular shank of the follower as made independently and secured together by screw-threads. In assembling, the tubular shank is inserted from the bottom, and then the supporting-plate is attached thereto. The spring is then placed in the tubular shank and secured there by means of the screw-cap.

The operation will be readily understood from the drawings. The normal position of the follower—that is, its position when not in use—is indicated by dotted lines in Fig. 1. When it is desired to serve a bottle of gingerale, the operator removes the cork, presses down the follower by means of the bottle, as indicated by dotted lines in Fig. 2, then swings the mouth of the bottle under the stopper, and allows the spring to press the follower, and with it the bottle, up against the stopper, the operator of course guiding the bottle so that the stopper will enter the mouth of the bottle. It will be obvious that but an instant's time need elapse after the removal of the cork before the bottle will be effectually stopped by the stopper of the holder, in which position it can remain until it is desired to use some of the contents of the bottle. The user then takes hold of the bottle and presses the follower down until the mouth of the bottle can be removed from under the stopper, as in Fig. 2. After pouring a portion of the contents the bottle may be almost instantly replaced with very little loss of the gas with which the contents are charged. The user is thus enabled to keep the contents of the bottle perfectly fresh for any reasonable length of time.

Having thus described my invention, I claim—

1. A bottle holder and stopper comprising a base, a frame carrying a stopper, and a follower carried by the base, said follower comprising a support adapted to receive the bottom of a bottle, and a part vertically movable in said base, combined with a spring confined in said base and pressing upward

against the said vertically-movable part, substantially as described, for the purpose specified.

2. A bottle holder and stopper comprising a base, a frame carrying a stopper and a spring-actuated follower carried by the base, said follower comprising a supporting-plate adapted to receive the bottom of a bottle and a tubular shank detachably secured thereto and socketed in the base and a spring within the base by which the follower is held at the raised position, substantially as described, for the purpose specified.

3. The combination with a base having a vertical opening and a frame extending therefrom and carrying a stopper, of a follower adapted to receive the base of a bottle and having a tubular shank lying in the opening, a spring the action of which is to hold the follower at the raised position and shoulders upon the tubular shank and in said opening by which the movement of the follower is limited.

4. The combination with a base having a vertical opening a shoulder within said opening and a frame extending therefrom and carrying an adjustable stopper, of a follower adapted to receive the base of a bottle and having a tubular shank lying in said opening and having a shoulder adapted to engage the shoulder of the opening for the purpose set forth, a spring acting to hold the follower at the raised position and a screw-cap by which the parts are retained in place.

5. A bottle holder and stopper comprising a base, a frame carrying a stopper and a spring-actuated follower carried by the base, said follower comprising a concave supporting-plate adapted to receive a round-bottomed bottle, a shank secured to said plate and socketed in the base and a spring acting to raise the follower.

In testimony whereof I affix my signature in presence of two witnesses.

EDMUND A. PARKER.

Witnesses:

FRANK H. CUSHING,  
HENRY J. MARTIN.