(No Model.)

C. SNEIDER.

BOTTLE STOPPER.

No. 246,567. Patented Aug. 30, 1881.

Fig. 1.

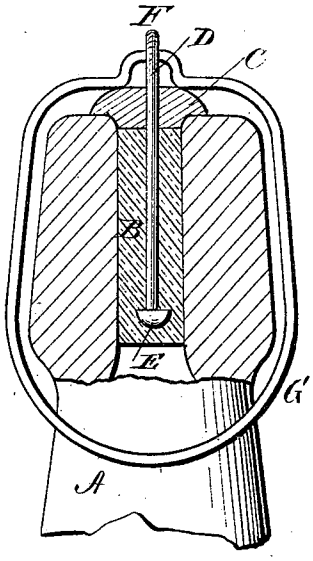
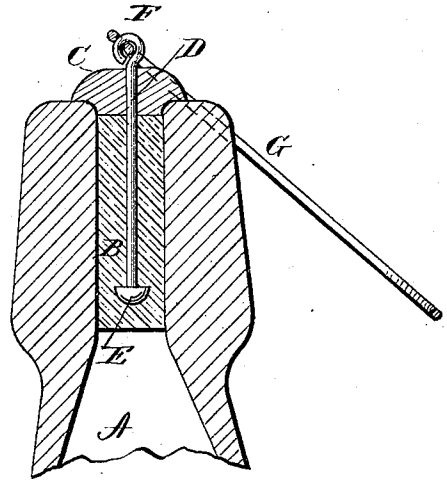


Fig. 2.



Witnesses.
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UNITED STATES PATENT OFFICE.

CHARLES SNEIDER, OF NEW YORK, N. Y., ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO SARAH B. SLOTE AND MAGDELENA SNEIDER, BOTH OF SAME PLACE.

BOTTLE-STOPPER.

SPECIFICATION forming part of Letters Patent No. 246,567, dated August 30, 1881.

Application filed April 21, 1881. (No model.)

To all whom it may concern:

Be it known that I, CHARLES SNEIDER, of New York, in the county of New York, and in the State of New York, have invented certain new and useful Improvements in Bottle-Stoppers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

This invention relates to certain improvements in bottle-stoppers; and it has for its objects to provide a stopper which can be applied to any description of bottle, and in which no metallic or corrosive portions apt to be injured by or in part injurious or objectionable qualities to the contents of the bottle will be exposed to or come in contact with such contents, and also to provide a stopper which may be securely and simply fastened in the bottle beyond any possibility of accidental removal, as more fully hereinafter specified. These objects I attain by the devices illustrated in the accompanying drawings, in which—

Figure 2 represents a vertical sectional view of my improved stopper inserted in the neck of the bottle, with the parts in position ready to fasten the stopper therein; and Fig. 1 represents a view partly in side elevation and partly in section, showing the parts in the position which they assume when fastened.

The letter A indicates a bottle, which may be of any description, and B the stopper fitted therein. The said stopper consists of a cylindrical body of caoutchouc or other elastic material, being of cylindrical shape and of uniform diameter throughout its entire length. The said body has secured to its upper end, in any convenient manner, a head, C, which is adapted to set against the mouth of the bottle when in place. The said head may be constructed of metal or any other suitable material.

The letter D indicates a longitudinal rod extending into the body through the head, and terminating near the lower end of the body in a button, E. The upper end of the said rod is formed with a loop or eye, F, through which is passed a wire lever, G, which has its fulcrum on one side of the head or cap of the stopper, so that when depressed, as shown in Fig. 2, it will elevate the rod D and expand the lower end of the body of the stopper, so as to cause it to bind securely and firmly in the gradually-contracting sides of the neck of the bottle.

It will be seen that the lower end of the stopper alone comes in contact with the contents of the bottle, and hence there are no metallic or corrosive parts to be injured by or injure the contents of the bottle.

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

A bottle-stopper consisting of a body of elastic material adapted to fit in the neck of a bottle, and a rigid head or cap adapted to set against the mouth of the bottle, and a longitudinal rod extending partly through the body and terminating in a button in the same, and a lever whereby said rod may be operated to expand the body of the stopper, substantially as specified.

In testimony whereof I affix my signature, in presence of two witnesses, this 1st day of April, 1881.

CHAS. SNEIDER.

Witnesses:
J. J. MCCARTHY,
H. J. ENNIS.