

T. D. STETSON.
Corking-Bottles.

No. 216,981.

Patented July 1, 1879.

FIG. 1.

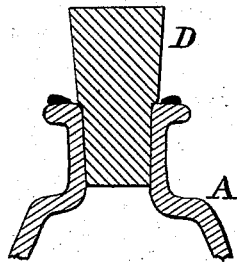
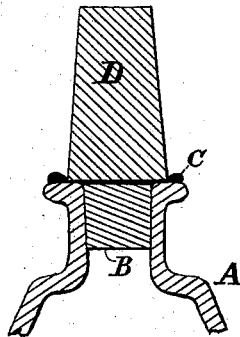


FIG. 2.

—WITNESSES:—

George L. Corlies
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—INVENTOR:—

Thomas D. Stetson

UNITED STATES PATENT OFFICE.

THOMAS D. STETSON, OF NEW YORK, N. Y.

IMPROVEMENT IN CORKING BOTTLES.

Specification forming part of Letters Patent No. **216,981**, dated July 1, 1879; application filed December 16, 1878.

To all whom it may concern:

Be it known that I, THOMAS D. STETSON, of New York city, in the State of New York, have invented certain new and useful Improvements relating to Corking Bottles, Jugs, and the like, of which the following is a specification.

I will describe the invention as applied to the small bottles of ink commonly sold by stationers, and which are capable of being used as inkstands.

It is common for the manufacturer to apply a short cork driven down flush, and to cover the whole top with sealing-wax. When the ink is required the seal is broken and the short cork removed. The short cork, even if removed without mutilation, is incapable of serving afterward as a suitable stopper.

My invention allows the same practice with all its advantages. After the ordinary short cork is applied and the sealing-wax is laid over it, making the necessary air-tight seal, I apply, in an inverted position, a fresh cork of proper size and length, ready to serve as an efficient stopper after the short cork is removed.

I attach the fresh cork by applying its large end directly upon the hot sealing-wax, turning and moving it slightly to insure a close fit, and allowing the wax to harden, with the fresh cork remaining in that position.

When the bottle is to be opened the fresh cork may be cut off close to the wax; or, in most cases, the sealing-wax may be broken by a sufficient lateral force applied to the fresh cork.

After thus removing the fresh cork and holding it ready for use, the bottle is opened by the removal of the short cork in the usual way, and the fresh cork is inserted to serve with large end projecting in the usual way for convenient removal and insertion, as required.

The accompanying drawings form a part of this specification, and represent what I consider the best means of carrying out the invention.

Figure 1 is a vertical section, showing the bottle as sold with the extra cork fixed upon the top of ordinary short cork. Fig. 2 is a corresponding section, showing the bottle as used with the extra cork driven in the mouth

of the bottle in place of the short cork, which has been removed and thrown away.

Both figures show only the upper part of the bottle.

Similar letters of reference indicate like parts in both the figures.

A is the neck of the bottle, of any ordinary or suitable form. B is an ordinary short cork driven in flush, and C is sealing-wax applied liberally over the whole top. D is a fresh cork, preferably of fine quality.

Care should be taken to find by severe tests what size of cork will be adapted to properly serve in the bottle, and to apply such a cork as the cork D after the short cork is removed.

In ordinary operating by hand the wax may be melted on the tops of the ordinary sealed bottles by holding the tops of the bottles quickly close up to a hot fire for a few seconds, then taking them away from the fire, applying the butt-end of the cork D, pressing it gently down, and moving it a little to unite it firmly with the sealing-wax.

Modifications may be made. I can brand or otherwise produce any desired trade-mark on the tip or small end of the cork, care being taken to do nothing which will by any possibility injure the ink or other contents of the bottle.

Instead of applying the cork by the same sealing-wax which seals the bottle, I can apply fresh wax.

I can coat the head of the cork with any required cement before applying it.

I can, where the expense will warrant it, tie over the mouth of the sealed bottle a cover of paper or thin leather, and glue the extra cork upon such covering.

I claim as my invention—

The combination of the bottle A, cork B, sealing material C, and additional cork D, arranged as and for the purposes herein specified.

In testimony whereof I have hereunto set my hand this 14th day of December, 1878, in the presence of two subscribing witnesses.

THOMAS D. STETSON.

Witnesses:

W. COLBORNE BROOKES,
E. B. BOLTON.