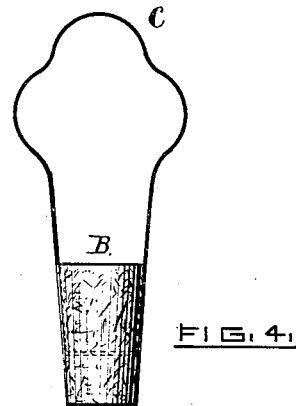
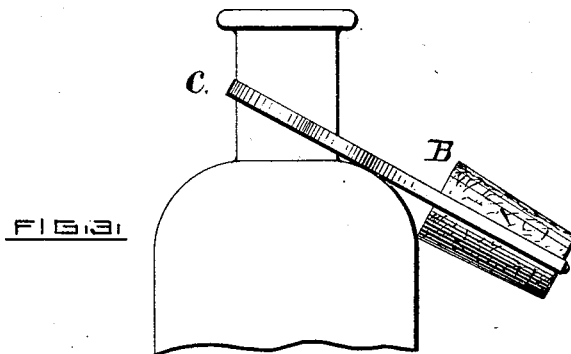
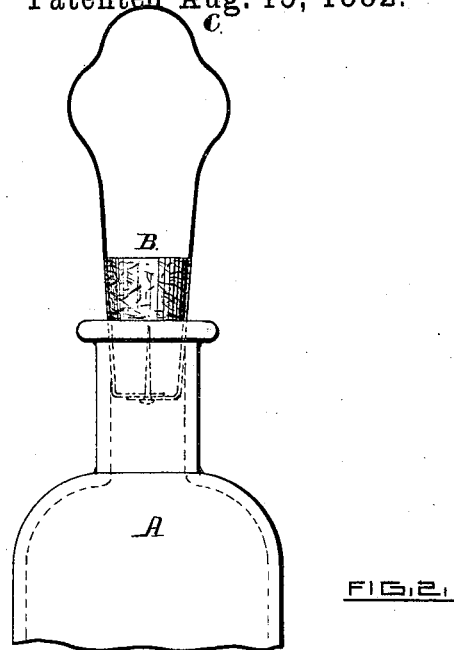
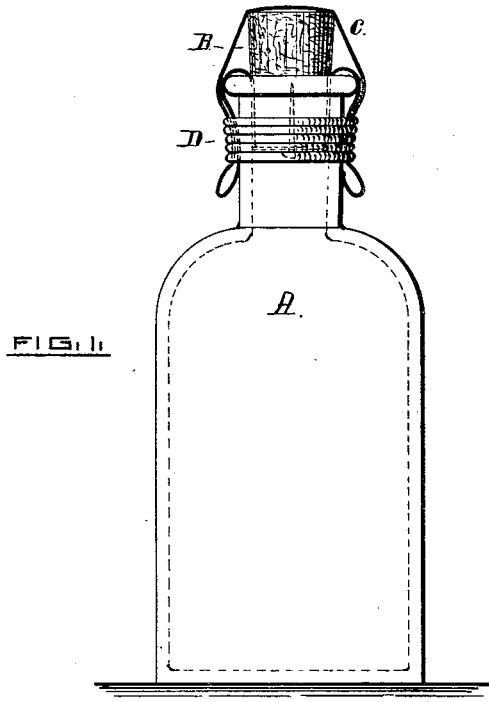


(No Model.)

D. S. COOKE.
BOTTLE STOPPER.

No. 262,574.

Patented Aug. 15, 1882.



WITNESSES,

Charles Elmer Shedd.

Charles H. Titus

INVENTOR,

Daniel S. Cooke
By Milton B. Vincent Atty.

UNITED STATES PATENT OFFICE.

DANIEL S. COOKE, OF PROVIDENCE, RHODE ISLAND.

BOTTLE-STOPPER.

SPECIFICATION forming part of Letters Patent No. 262,574, dated August 15, 1882.

Application filed March 11, 1882. (No model.)

To all whom it may concern:

Be it known that I, DANIEL S. COOKE, of Providence, in the State of Rhode Island, have made certain new and useful Improvements in

5 Stoppers for Bottles; and I do hereby declare that the following specification, taken in connection with the drawings making a part of the same, is a full, clear, and exact description thereof.

10 Figure 1 is a view of a bottle with the cork secured therein. Fig. 2 is a view of the same showing the arrangement for removing the cork. Fig. 3 shows the stopper after its removal. Fig. 4 shows a slight variation in construction.

15 My invention is more particularly designed for use in connection with bottles or vessels containing liquids not under pressure, although it may be so used if desired; and it consists in the device hereinafter described for securing

20 the cork and for easily removing the same. I am aware that various devices for securing the cork and various other devices designed to assist in its removal have been in use; but I am not aware of any single device which

25 unites both results. In the drawings, A is the bottle, B the cork, and C a band or loop composed of a thin strip of spring-brass or other suitable resilient metal secured to the cork and extending upward therefrom in a loop of trefoil shape, the side

30 swells of which secure equal and opposite bending when being secured to the bottle and retain it in place around the neck of the bottle when not in use. In my invention I attach to the cork an elastic metallic band or loop, C. Such band may be attached to the cork by being carried underneath the same and secured by tack or rivet,

35 as shown in Figs. 1, 2, and 3, or by passing it through the cork, as shown in Fig. 4. The operation of my invention is as follows: The stopper B is placed in the bottle, as shown

in Fig. 2. The elastic band C is then pressed down upon the cork, forming a loop upon either side of the neck of the bottle, as shown in Fig. 1, 45 after which a cord or wire, D, is wound around, securing the loops and retaining the cork in place.

When it is desired to remove the stopper the wire or cord D is removed, and the band 50 C, by reason of its elasticity, springs into position to be grasped, and when the cork has been removed the band C affords a ready and convenient method of attaching the stopper to the bottle to prevent its being lost or mis-

55 laid. I am aware that a separate loop of non-elastic material has been used for the extraction of stoppers by being inserted in the bottle with the cork, and also that a loop of wire secured 60 to the cork and used in connection with a specially-constructed bottle has been used for the purpose of removing the cork, and I therefore do not claim such construction broadly, my improvement relating to a device securely 65 attached to the stopper for use in extracting it, and also securing the stopper to the bottle when in or out of use.

What I claim, and desire to secure by Letters Patent, is—

70 1. The cork B, having the flexible band C, attached thereto, adapted to be folded over the neck of the bottle and be secured thereto, as shown and described.

2. The cork B, provided with the flexible 75 band C, formed in trefoil shape, attached thereto, whereby the loops formed on each side, upon being bent into position to be secured to the vessel are equal, as described.

DANIEL S. COOKE.

Witnesses:

WALTER B. VINCENT,
JOHN J. COLTON.