

(No Model.)

W. M. FISCHER.

CORK FASTENER.

No. 345,963.

Patented July 20, 1886.

fig. 1.

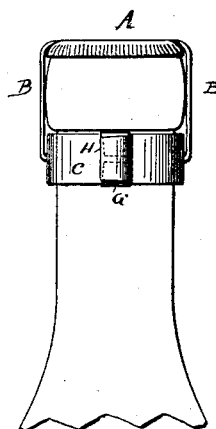


fig. 2.

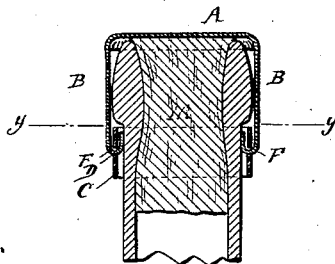


fig. 4.

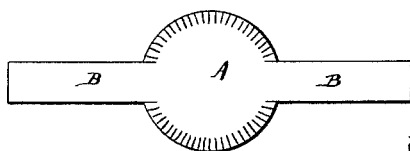


fig. 5.

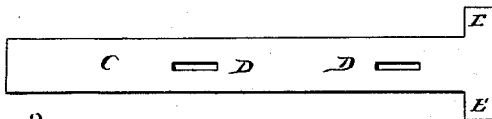
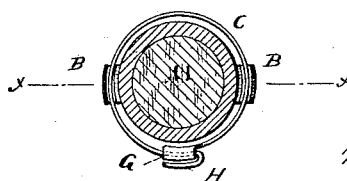


fig. 3.



WITNESSES:

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WILHELM M. FISCHER, OF ALEXANDRIA, VIRGINIA.

CORK-FASTENER.

SPECIFICATION forming part of Letters Patent No. 345,963, dated July 20, 1886.

Application filed March 13, 1886. Serial No. 195,061. (No model.)

To all whom it may concern:

Be it known that I, WILHELM M. FISCHER, of Alexandria, in the county of Alexandria and State of Virginia, have invented certain
5 new and useful Improvements in Cork-Fasteners, of which the following is a specification.

Heretofore cords, bent wires, and metal clamps have been used for holding corks in the necks of bottles. Most of these devices
10 are apt to be displaced accidentally and to release the cork.

The object of my invention is to provide a new and improved cork-fastener which can be
15 secured firmly to the bottle, and which holds the cork in place securely.

The invention consists in a disk or plate having opposite tongues, the ends of which are passed through longitudinal slots in a strap
20 passed around the neck of the bottle, and having lugs on one end for forming a pocket to receive the other end, all as will be fully described hereinafter, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a side view of my improved cork-fastener applied on a bottle-head. Fig. 2 is a cross-sectional view of the same, the bottle head and
25 cork on the line *x x*, Fig. 3. Fig. 3 is a sectional plan view of the same on line *y y*, Fig. 2. Fig. 4 is a top view of the disk and its tongues. Fig. 5 is a side view of the fastening-strap.

Similar letters of reference indicate corresponding parts.

The metal disk A is provided with two opposite tongues, B, and the edge of the disk is provided with short radial slits or cuts to facilitate bending down the edges of the disk for
40 forming a cap. The sheet-metal strap C is provided with the two longitudinal slots D D, and at one end with the prongs E E, projecting from opposite side edges of said metal strap C. The tongues B are bent down at
45 right angles to the disk A, and their ends are bent inward at right angles, then passed through the slots D of the strap C, which has been previously bent in the shape of a circle or ring, and then the ends of the tongues are

bent up on the inside of the ring formed of the strap, whereby the disk A is connected
50 with the strap without the use of solder, rivets, or like fastening devices. The cap or disk is then placed on the bottle, the strap C surrounding the neck of the bottle below the
55 head. The end of the strap C is then passed through the pocket G, formed on the other end of said strap by bending the prongs E E toward each other on the outside of the strap, and then the end of the strap C is bent over the
60 outside of said pocket G for forming the hook H, which keeps the ring closed. The fastener is held firmly and securely on the bottle, and prevents the pressure of the gas in the bottle from forcing out the cork M. No fastening or
65 tying by means of cords or wires is required, nor need the head or neck of the bottle be covered with tin-foil or like material. The downwardly-bent edges of the cap prevent the pressure exerted by the cork on said cap or
70 disk from moving or shifting the disk or cap.

The fastener can be applied very easily and rapidly, and removed with great facility, as all that is necessary to remove it is to bend the end of the strap forming the hook from
75 over the pocket G, and then withdraw the end of the strap.

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

1. In a cork-fastener, the sheet-metal strap 80 C, having the longitudinal slots D, and the opposite prongs E at one end, substantially as shown and described.

2. In a cork-fastener, the combination, with a disk having two opposite tongues, of a strap 85 provided with slots through which the ends of the tongues are passed, and bent to form hooks, which strap is provided at one end with prongs bent over the face of the strap to form a pocket, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

WILHELM M. FISCHER.

Witnesses:

M. LAUPPERNOR.

YGNAZ RAMMEL.