

(No Model.)

R. WHITAKER.
BOTTLE CAP.

No. 433,840.

Patented Aug. 5, 1890.

Fig. 1.

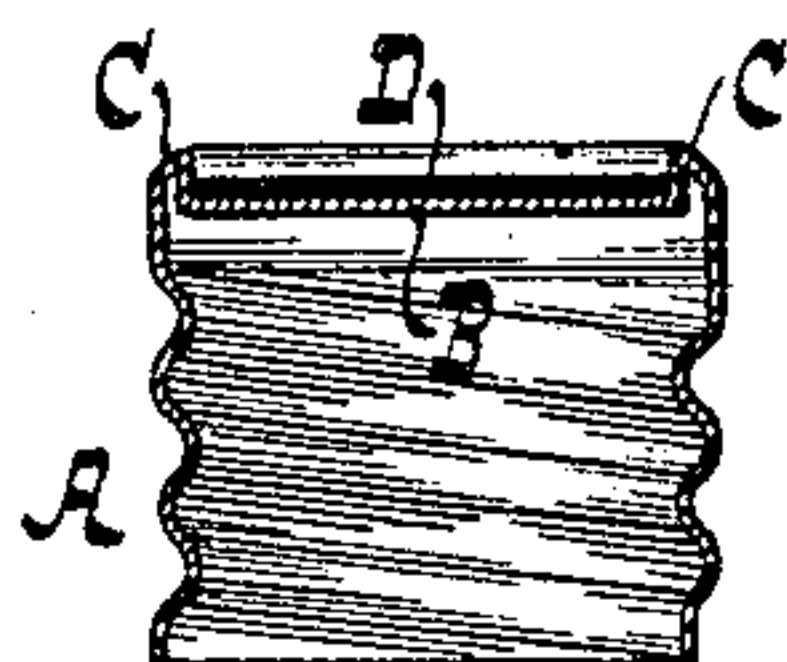


Fig. 2.

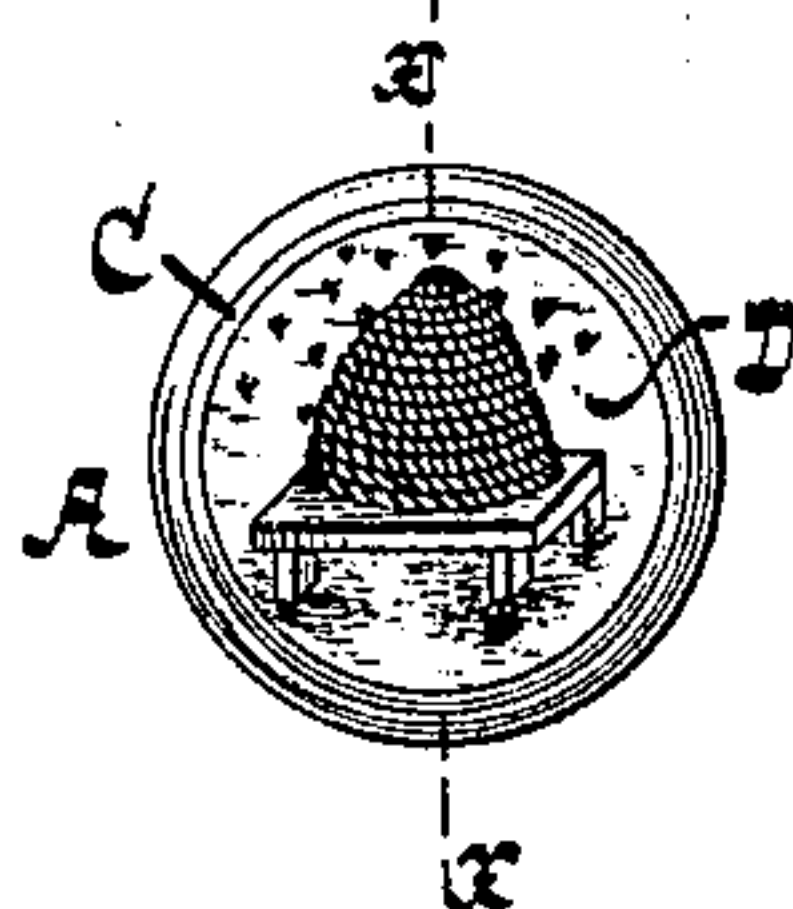
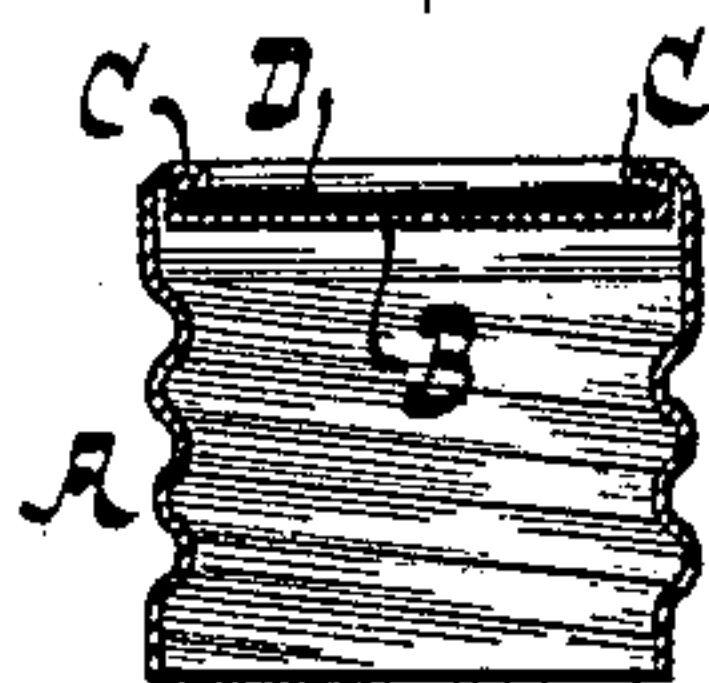


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

RICHARD WHITAKER, OF NEW BRUNSWICK, NEW JERSEY, ASSIGNOR TO
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BOTTLE-CAP.

SPECIFICATION forming part of Letters Patent No. 433,840, dated August 5, 1890.

Application filed May 19, 1890. Serial No. 352,389. (No model.)

To all whom it may concern:

Be it known that I, RICHARD WHITAKER, a citizen of the United States, residing at New Brunswick, in the county of Middlesex and State of New Jersey, have invented new and useful Improvements in Caps for Bottles, of which the following is a specification.

This invention has for its object to provide a novel screw-cap for bottles, wherein an ornamental plate or disk is supported by a depressed closed top wall of the cap and is secured by a doubled rim on the latter pressed down upon such plate or disk.

To such end the invention consists in a screw-cap having the characteristic features of construction hereinafter described and claimed, reference being made to the accompanying drawings, in which—

Figure 1 is a vertical sectional view taken on the line $x x$, Fig. 2, showing the cap as it appears before the doubled rim is pressed upon the ornamental plate or disk. Fig. 2 is a top plan view of the same. Fig. 3 is a vertical sectional view of the cap, showing the doubled rim pressed upon the ornamental plate or disk.

In order to enable those skilled in the art to make and use my invention, I will now describe the same in detail, referring to the drawings, wherein—

The letter A indicates a screw-threaded bottle-cap composed of thin sheet metal and having its closed top wall B pressed inwardly to create the doubled rim C, which surrounds the cavity or receptacle provided by depressing the top wall. The top wall and doubled rim are thus formed integral with the screw-body of the cap, and the cavity or receptacle serves to receive the ornamental plate or disk D.

The closed top wall B of the screw-cap serves to sustain the ornamental plate or disk and to preserve the contents of the bottle from such plate or disk, whereby the latter can be made of any desired material.

The plate or disk is rigidly confined in place by turning the doubled rim and pressing it downward upon the plate.

The plate or disk may be of any suitable material and of any suitable color, and is by preference made ornamental by means of figures or delineations produced thereon by embossing or by the use of colors or in any suitable manner, so as to give to the disk an ornamental character and appearance.

The cavity or receptacle for the plate or disk may be of any desired outline instead of the circular form here shown, and an ornamental character may be given to the outline; but the circular form here shown is preferable for simplicity and facility of construction.

Having thus described my invention, what I claim is—

A screw-threaded sheet-metal bottle-cap formed integral with a depressed top wall, and a surrounding doubled rim to provide a cavity, in which is arranged an ornamental plate or disk securely confined upon the top wall by the doubled rim, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

RICHARD WHITAKER.

Witnesses:

A. L. FISHER,
N. W. BINDSEIL.