

No. 810,476.

PATENTED JAN. 23, 1906.

H. H. DUNN.
CORK EXTRACTOR.

APPLICATION FILED MAY 1, 1905.

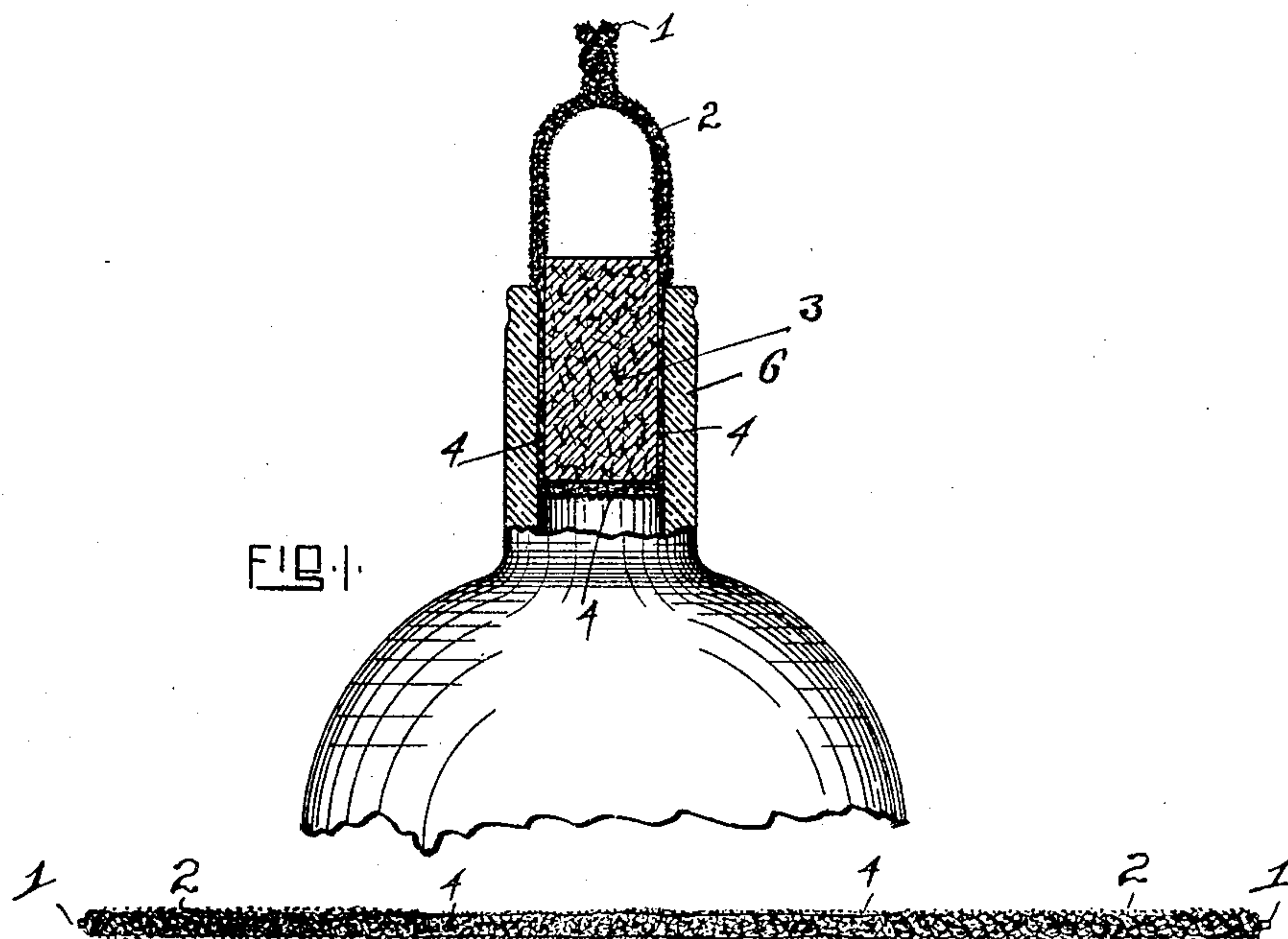


FIG. 1.

FIG. 3.

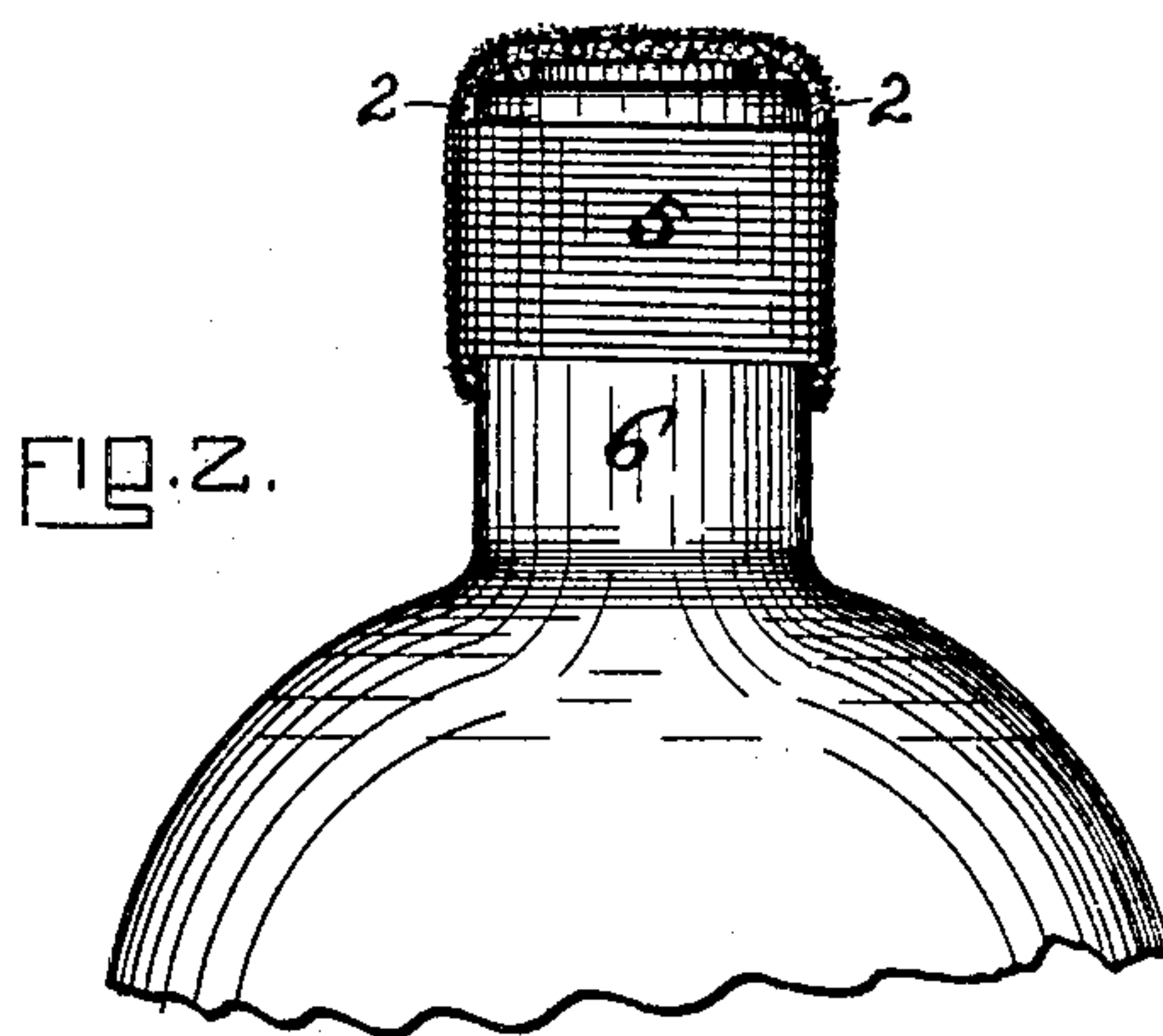


FIG. 2.

WITNESSES
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HERBERT H. DUNN, OF DAYTON, OHIO.

CORK-EXTRACTOR.

No. 810,476.

Specification of Letters Patent.

Patented Jan. 23, 1906.

Application filed May 1, 1905. Serial No. 258,193.

To all whom it may concern:

Be it known that I, HERBERT H. DUNN, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Cork-Extractors; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in cork-extractors; and it consists of an improvement in the cork-extractor shown and described in my former Letters Patent, dated March 28, 1905, No. 785,722.

The objects of the present invention are twofold: first, to treat the portion of the covering of the extractor which is liable to come in contact with the liquid contents of the bottle with a coating which makes said covering impervious to moisture and prevents the liquid in the bottle from coming in contact with the metallic body of the extractor, and, secondly, to utilize the extractor as a means for preventing accidental removal of the cork during shipment and at other times when it is desired to have the cork remain in position in the bottle.

With the foregoing objects in view the invention consists of the essential features, as hereinafter described and claimed.

Preceding a detail description of the invention, reference is made to the accompanying drawings, of which—

Figure 1 is a view of the upper portion of a bottle, the neck appearing in section, showing my improved cork-extractor in position for the withdrawal of the cork. Fig. 2 is an elevation of the neck of a bottle, showing my improved cork-extractor in a position to serve as a lock against the removal of the cork. Fig. 3 is a detail view of the extractor before it is placed in position.

In a detail description of my invention similar reference characters indicate corresponding parts.

The extractor is, in the main, similar to that shown and described in my former pat-

ent, with the exception, however, that the entire body of the metallic member 1 is incased in or interwoven with a fabric material 2, which acts as a packing to securely pack the extractor on each side of the cork 3, and thus prevent leakage from the bottle. The portion 4 of said extractor, or rather of the casing or covering, which lies below the inner end of the cork and between the sides of the cork and the interior sides of the neck 6 of the bottle is provided with a coating of material—for example, paraffin—which renders said casing or covering impervious to moisture, and thereby prevents the liquid contents of the bottle from coming in contact with the metal portion of the extractor. This is an important feature of my improved cork-extractor, and by means thereof the extractor may be employed in connection with any bottle regardless of the contents of the bottle. In other words, bottles containing liquids of a more or less acid nature or other chemicals having a tendency to destroy metal may be available for the purposes of my improved cork-extractor in its present form.

As shown in Fig. 1, the exposed ends of the extractor are twisted together to provide a finger-loop for the withdrawal of the cork. Fig. 2, which represents the bottle in its shipping condition, shows these ends crossing each other above the cork and carried down against the opposite sides of the neck of the bottle, in which position they are securely wound and bound by a wire 5, which incloses the neck of the bottle for a substantial distance. In this position the extractor is utilized as a lock or retainer for preventing the removal of the cork by interior pressure during shipment or during such times as the bottles are unopened.

Having described my invention, I claim—

1. A cork-extractor consisting of a metallic member incased throughout its length with packing material, the middle portion of said packing material being impervious to moisture, substantially as set forth.

2. As a new article of manufacture, a combined cork-extractor and cork-retainer, consisting of a pliable metallic member adapted to span the lower end of the cork and to extend up the opposite sides of said cork, said member being inclosed in a casing, the portions of the casing lying at the sides of the

cork and below the cork being impervious to moisture, and the extreme ends of said member being extended above the mouth of the bottle and carried down on opposite sides of
5 the neck of the bottle, and means for securing said ends against the sides of the neck of the bottle, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

HERBERT H. DUNN.

Witnesses:

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