

J. DUGAN.

Casings for Bottles.

No. 142,685.

Patented September 9, 1873.

Fig. 2.

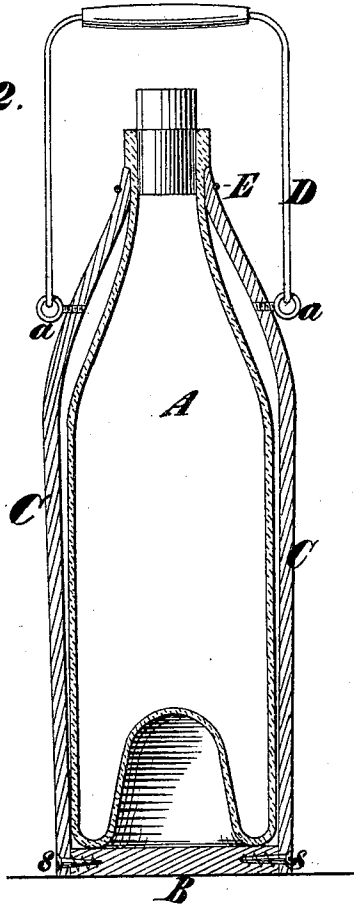


Fig. 1.

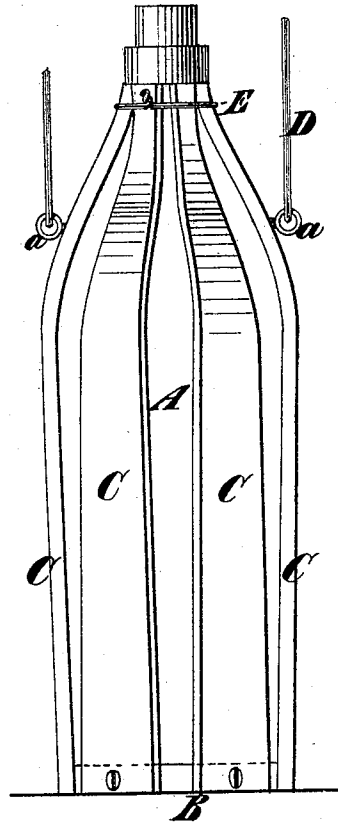
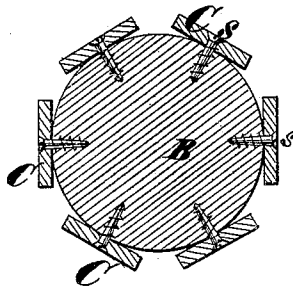


Fig. 3.



Witnesses:

*Frederick Hays
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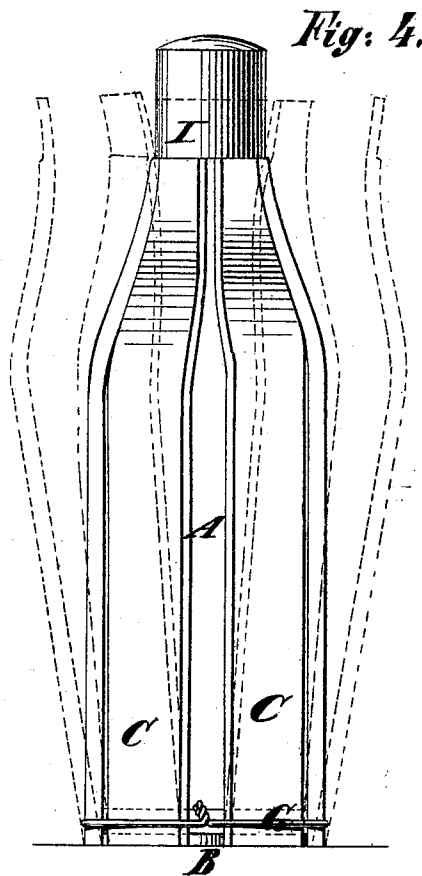
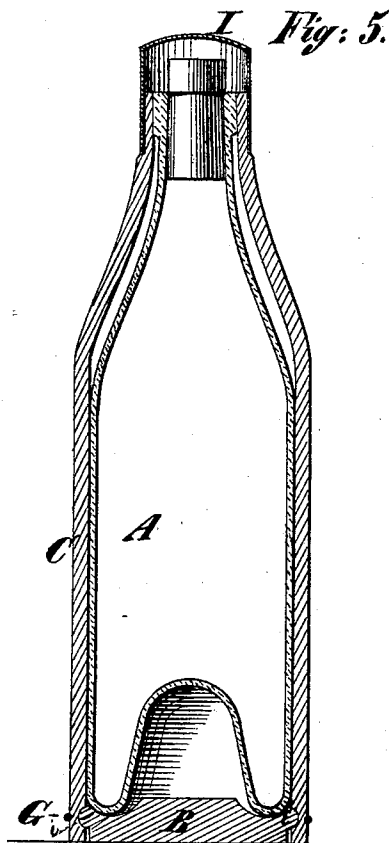
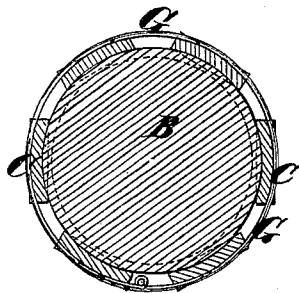


Fig. 6.



Witnesses:

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UNITED STATES PATENT OFFICE.

JAMES DUGAN, OF NEW YORK, N. Y.

IMPROVEMENT IN CASINGS FOR BOTTLES.

Specification forming part of Letters Patent No. **142,685**, dated September 9, 1873; application filed April 25, 1873.

To all whom it may concern:

Be it known that I, JAMES DUGAN, of the city, county, and State of New York, have invented a Casing for Bottles, of which the following is a specification:

The object of this invention is to protect bottles during transportation, and also while in use, from breakage. It consists of a casing for the same, composed of a base-piece, attached slats, and a top ring or cap, whereby is obtained a simple article, very serviceable to the use for which it is designed.

In the accompanying drawing, Figure 1 is a side view of a casing designed for permanent attachment. Fig. 2 is a central vertical section of the same and its inclosed bottle, and Fig. 3 is a horizontal section taken through its base-piece to illustrate the mode of attaching the slats to it. Fig. 4 is a side view of a casing designed for temporary attachment only. Fig. 5 is a vertical section thereof, and Fig. 6 is a horizontal section through its base-piece.

Similar letters of reference indicate corresponding parts in all the figures.

Referring first to Figs. 1, 2, and 3, A represents a bottle of the kind commonly employed in bottling claret, it having a raised or indented bottom. B is the base of the casing which incloses the bottle. It consists of a circular piece of wood, of a size approximating to the size of the end of the bottle. To this base there are attached, by screws *s s*, wooden slats C C, which are cut or bent to conform nearly to the contour of the bottle, and at the top are secured together around the neck of the bottle just below its mouth by a surrounding wire, E, fitting in grooves provided for its reception. Eyes *a a* are provided in opposite slats to afford means to attach a bail or handle, D.

Referring to Figs. 4, 5, and 6, the base B of the case has a bead, *i*, formed around its edge,

and the slats C C are each provided, near the lower end, with grooves or recesses, which fit the bead on the base. A wire, G, embraces the slats so fitted to the base, and secures them against displacement. The upper ends of the slats are held in place by a cap, I, which fits over the mouth of the bottle and embraces them.

The casing last described is intended principally for incasing bottles for transportation to preserve them from breakage.

Instead of the cap employed for securing the top ends of the slats together, a ring may be used, and then the necessity for removing the cap before withdrawing the cork of the bottle is obviated.

The casing is fitted to the bottle before the tops of the slats are connected, as shown in Fig. 4. When the slats are secured around the neck of the bottle, it is impossible for the casing to come off.

This casing is a very handy thing to use for protecting bottles carried in traveling, and is much preferable to packing them in straw, paper, and the like.

For large bottles used in household purposes the casing with the bail is a very useful article, as it not only facilitates the carriage of the bottles from place to place, and likewise affords them protection against breakage, but it also enables the contents of the bottle to be poured more conveniently than when the bottle alone is held in the hand.

What I claim as my invention is—

A bottle-casing composed of a base, B, attached slats C C, and ring, band, or cap, for securing the slats at the top, all combined substantially as and for the purpose herein set forth.

JAMES DUGAN.

Witnesses:

HENRY T. BROWN,
MICHAEL RYAN.