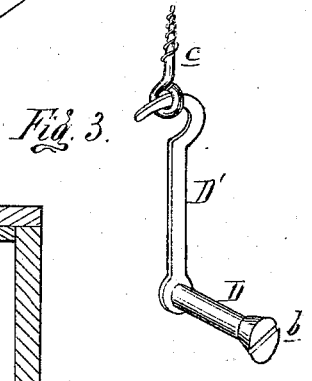
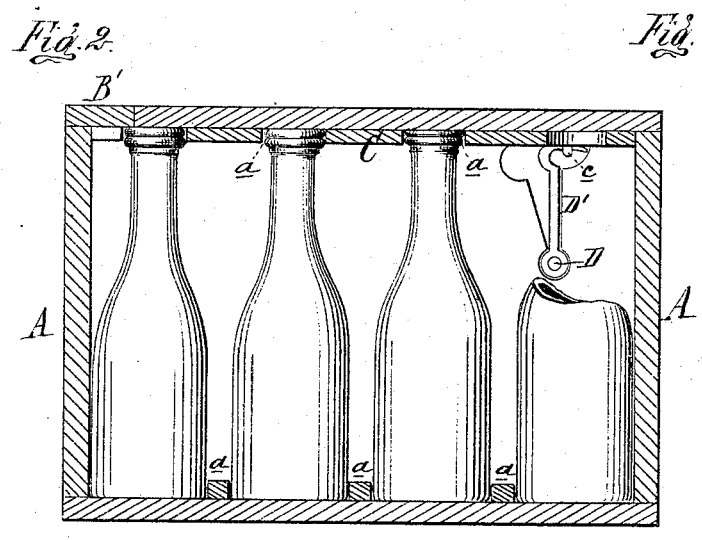
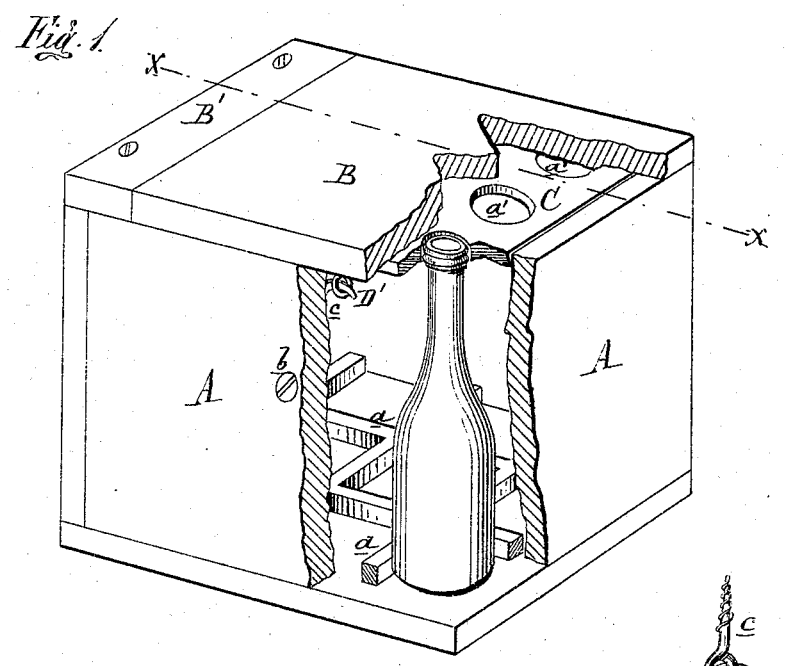


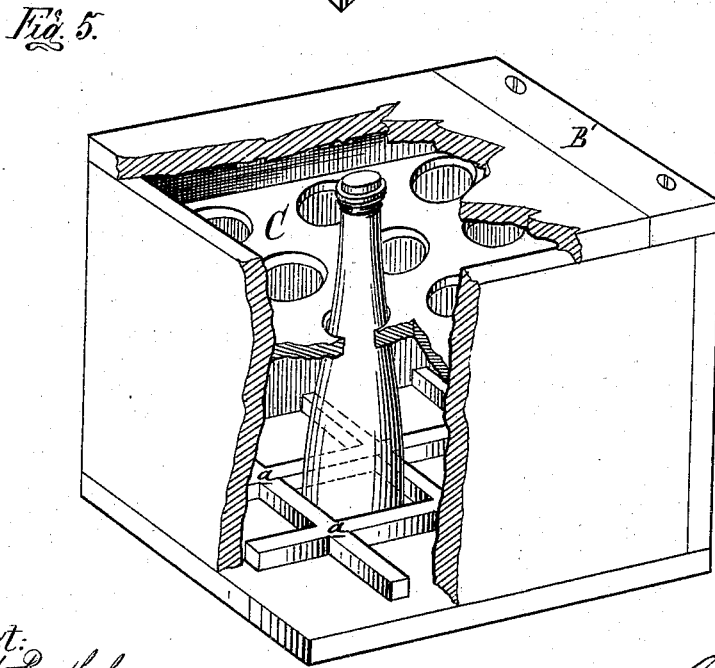
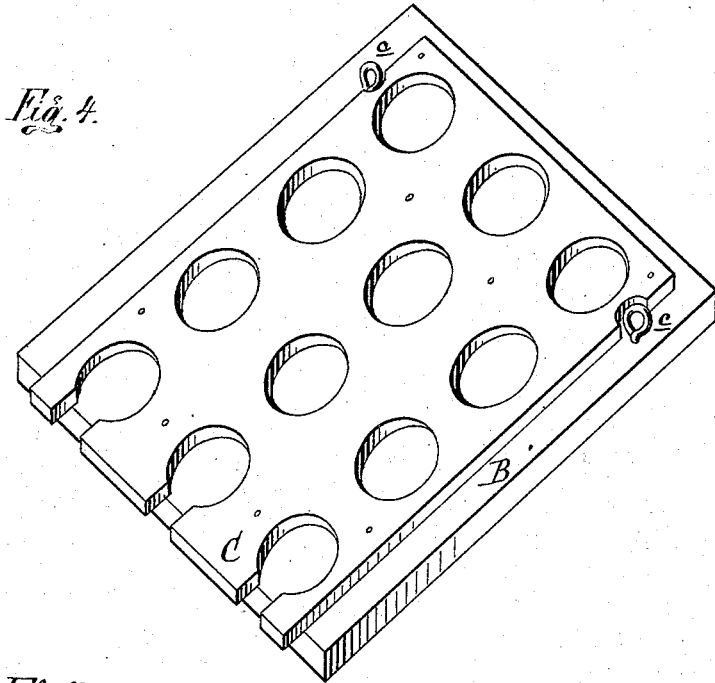
G. WILSON.
CASES FOR TRANSPORTING BOTTLES AND BOTTLED LIQUIDS.
No. 182,784. Patented Oct. 3, 1876.



Attest:
Edward Barthel.
Charles J. Hunt.

Inventor.
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UNITED STATES PATENT OFFICE.

GEORGE WILSON, OF TOLEDO, OHIO.

IMPROVEMENT IN CASES FOR TRANSPORTING BOTTLES AND BOTTLED LIQUIDS.

Specification forming part of Letters Patent No. **182,784**, dated October 3, 1876; application filed June 6, 1876.

To all whom it may concern:

Be it known that I, GEORGE WILSON, of Toledo, in the county of Lucas and State of Ohio, have invented an Improvement in Cases for Transporting Bottles and Bottled Liquids, of which the following is a specification:

The object I have in view is to provide a case for transporting bottled liquids and empty bottles without danger of breaking the bottles, and without the necessity of isolating each bottle from the rest by filling the interstices with a loose packing material. To this end it consists in providing the bottom of the case with sockets to receive the lower ends of the bottles, in combination with the perforated follower, adapted to be dropped upon the necks of the bottles; and, further, in the manner of securing the cover.

Figure 1, Sheet 1, is a perspective view of the case closed, with one corner broken out to show the manner of securing a bottle in place. Fig. 2 is a transverse vertical section at $x x$. Fig. 3 is a perspective view of a box-hook mounted on its spindle, and engaged with a screw-eye of the cover. Fig. 4, Sheet 2, is a perspective view of the under side of the removable cover. Fig. 5 is a perspective view of a case adapted for transporting wine-bottles.

In the drawing, A represents a rectangular box, just deep enough to contain the bottles to be transported. In the bottom is formed a separate socket or receptacle for the base of each bottle, by tacking or nailing to the bottom board crossed strips a of wood. A narrow strip, B', of the cover is permanently secured to the top of the box at one side or the back edge thereof. The remainder of the cover B has a follower-board, C, secured to its under side, which follower projects into the box, and is elongated at the back edge of the cover, so as to take under the strip B'. Before the board C is secured to the cover, holes a' are bored therein, which serve as sockets to receive and secure the mouths of the bottles, which, being thus held at both ends—their strongest parts—can be safely transported without filling the case with loose packing material.

The cover B may be secured to the box in various ways; but, as it is especially designed for bottlers of ale, beer, soda-water, and other liquids, who do not sell the bottles,

but only their contents, requiring the empty bottles to be returned, I prefer to journal a spindle, D, having a head, b , like that of a wood-screw, through each end of the box near the top thereof, the head b being countersunk in the end wall. To the inner end of each spindle is secured the shank of a hook, D', which engages with a screw-eye, c , pendent from the under side of the cover.

The hook may be turned by a screw-driver on the outside of the box; and, after the case is filled, the cover may be fastened to the box by the shipper, who may paste a label containing the address of the consignee over the spindle-heads, which label, if broken or canceled before delivery, will indicate to the consignee that the case has been opened in transit.

The empty bottles may, in like manner, be returned to the bottler in the case.

Wine sold by the case being shipped frequently to a great distance, and generally much time elapsing before it is consumed, it is not customary or practicable to return the bottles and cases to the shipper.

Instead of securing the holding-board C to the cover, it may be dropped down onto the necks of the bottles, and fastened by a nail driven over it into the side of the box, on two or four sides, to hold the bottles in place, while the cover may be simply nailed onto the box, and thus reduce the cost of the case and packing, as seen in Fig. 5.

What I claim as my invention is—

1. As a means for securing the cover B to the bottle-case A, the hooks D', each mounted on a spindle, D, having a slotted head, b , and journaled through the end of said box, in combination with an eye or staple, c , on the under side of said cover, substantially as described.

2. In combination with a box having sockets formed by crossed strips a secured to its bottom, the perforated follower C, when adapted to be dropped upon the necks of bottles contained in said case, to secure them in position by nailing or otherwise holding it down, substantially as described.

GEORGE WILSON.

Witnesses:

CHARLES I. SCOTT,
A. B. CAULDWELL,
JAMES W. GOUTEL.