

A. H. FATZINGER.

CARBOY.

No. 170,246.

Patented Nov. 23, 1875.

Fig. 1.

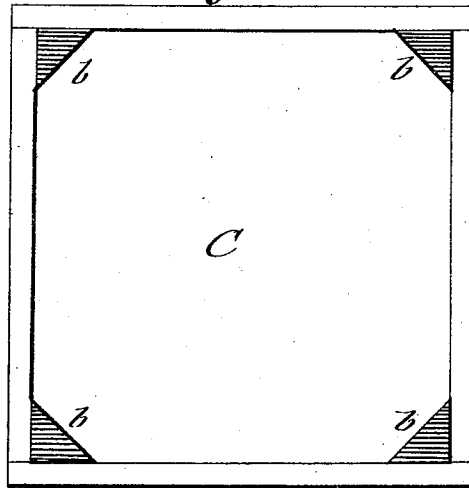


Fig. 2. x

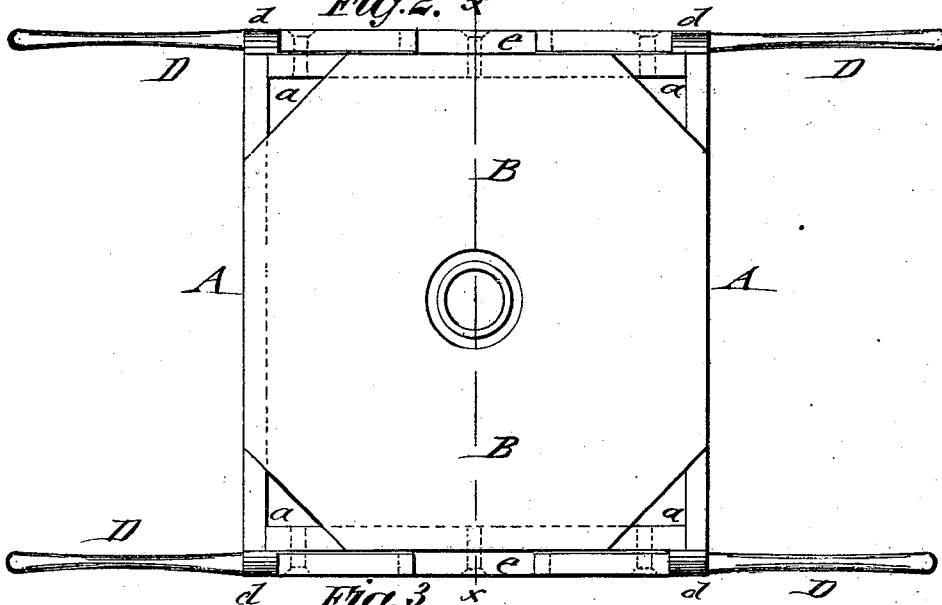
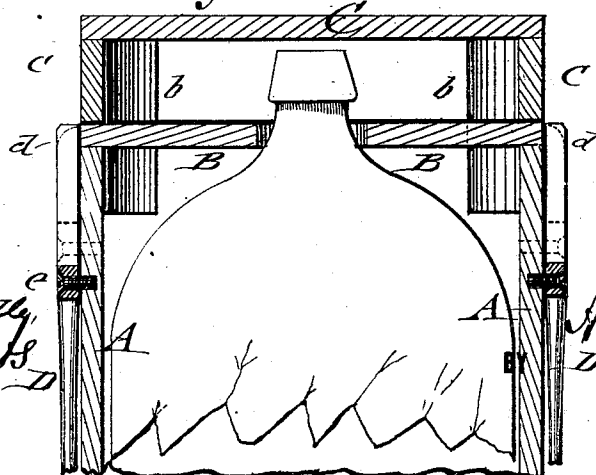


Fig. 3. x



WITNESSES:

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UNITED STATES PATENT OFFICE.

ALEXANDER H. FATZINGER, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF
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IMPROVEMENT IN CARBOYS.

Specification forming part of Letters Patent No. **170,246**, dated November 23, 1875; application filed
October 29, 1875.

To all whom it may concern:

Be it known that I, ALEXANDER H. FATZINGER, of the city, county, and State of New York, have invented a new and Improved Carboy, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a bottom view of the cover of my improved carboy; Fig. 2, a top view of the carboy, with cover detached; and Fig. 3 a vertical transverse section of the same on the line *x x*, Fig. 2.

Similar letters of reference indicate corresponding parts.

My invention relates to an improved carboy that may be shipped with perfect safety, and readily and conveniently handled for use; and the invention consists of a carboy-box, having a neck-guard with corner recesses for securing the detachable lid, provided with vertical corner-pieces. The carboy is carried by folding handles, that are retained in horizontal or vertical position along the incasing-box by suitable bearing-strips.

In the drawing, A represents the outer incasing-box of a carboy, into which the bottle is securely placed, and protected by suitable stuffing. The neck of the carboy-bottle extends through a central perforation of the rigid top part or neck-guard B of the box, which is provided at the corners with triangular or other recesses *a*, which serve for guiding the vertical corner-pieces *b* of the detachable cover C. The corner-pieces *b* correspond in shape to the recesses of the neck-guard, and secure the cover rigidly on the box, so as to protect thereby the neck of the bottle during storage and transportation, and admit also the ready taking off of the cover when the contents of the carboy are required for use.

The carboys may, with the cover, be safely shipped in filled or empty state, as they are completely protected against breakage by the incasing-box and cover.

For the purpose of admitting the easy and

convenient handling of the carboys, whether for shipment or use, the incasing-box A is provided at opposite sides, and near the corners, with pivoted handles D, that may be swung down alongside of the box, and thrown out into horizontal position for lifting and carrying the carboy.

The rear ends of the handles D bear against vertical corner-strips *d* of the box A, for retaining the handles in downward folded position, while horizontal strips *e*, at the central part of the box, secure, in connection with the vertical strips *d*, the handles rigidly in horizontal position, as shown in Fig. 2, one strip bearing in front, the other back, of the pivot on the handle.

When the carboy has been carried to its place of destination, or the contents emptied, the handles are swung down into vertical position along the box, so as to be out of the way. The carboys are thus handled with perfect safety by the workmen, and shipped with greater security than in the common boxes at present in use.

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

1. The combination, with a carboy-box having a top part or neck-guard, with guiding corner recesses, of a detachable cover, provided with corresponding corner-pieces for readily securing or taking off the cover, substantially in the manner and for the purpose set forth.

2. The combination of a carboy-box, provided with vertical corner-strips and central horizontal strips at opposite sides, with pivoted handles that may be thrown into vertical or horizontal position, for the purposes set forth.

ALEXANDER H. FATZINGER.

Witnesses:

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