

GEORGE W. FOSTER & CHARLES W. FOSTER.

Improvement in Demijohns.

No. 125,187.

Patented April 2, 1872

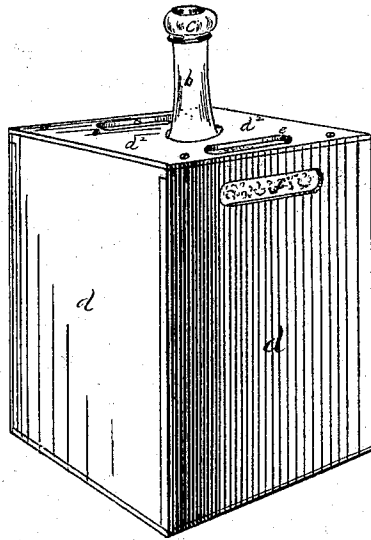


Fig. 1

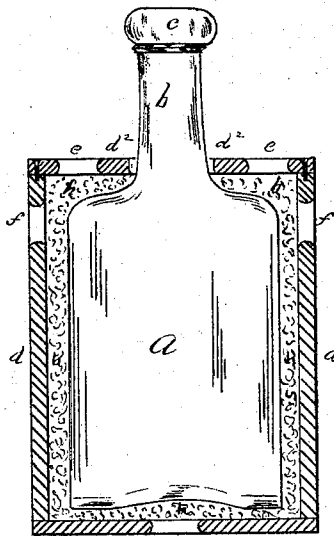


Fig. 2

WITNESSES

B. W. Williams
V. C. Just

George W. Foster.
Charles W Foster.

By their Att'ys *Henry W Williams & Co*

UNITED STATES PATENT OFFICE.

GEORGE W. FOSTER AND CHARLES W. FOSTER, OF CHARLESTOWN, MASS.

IMPROVEMENT IN DEMIJOHNS.

Specification forming part of Letters Patent No. 125,187, dated April 2, 1872.

Specification describing certain Improvements in Demijohns, invented by GEORGE W. FOSTER and CHARLES W. FOSTER, both of Charlestown, in the county of Middlesex and State of Massachusetts.

Our invention relates to a boxed bottle or demijohn, with openings in convenient places, so that it may be easily handled; with a similar opening at the bottom of the box to show the state and quantity of the liquid in the bottle; and with suitable packing surrounding the body of the bottle to prevent breakage.

In the accompanying drawing, Figure 1 is a view in perspective of our boxed bottle or demijohn. Fig. 2 is a vertical section of the same.

Similar letters of reference indicate corresponding parts.

a is the body of the bottle. *b* is the neck. *c* is the ring or nose. *d d* are the sides of the box. *d¹* is the bottom. *d²* is the top. *e e* are openings in the top *d²* of the box. *f f* are similar openings in the sides *d d*. *g* is an opening in the bottom *d¹*. *h* is the packing. The bottle *a b c* is made of all shapes—round, flat, square, oval, &c.—as is also the nose *c*, which may be made with or without lip or pour-out. The bottle is used for wines, liquors, molasses, oils, inks, and for all kinds of liquids, and is perfectly safe when boxed in this manner. If necessary, boxes may be made to extend over and around the neck so as to protect it from breakage; but in the majority of cases the neck will be allowed to protrude in order to show whether the bottle is full or not. The openings *e f f* are so placed for convenience in handling, and are made of a sufficient size to admit the hand. The opening *g* may be used as a han-

dle when tipping the bottle, or may be used by holding the bottle to the light, to see if it is clean, or to see the quantity and state of the liquid inside.

The packing which effectually protects the bottle from injury may be composed of hay, straw, excelsior, sawdust, shavings, or any other available and practicable material.

These demijohns are made of wood and glass, (the box of wood, and the bottle of glass,) and are intended to hold from one quart to five gallons, and are intended to take the place of basket-covered demijohns or bottles now in general use. Our demijohns are in every way superior to the old kind, being handsomer, more secure, and more easily packed and transported.

Our demijohn is not intended to take the place of or conflict with carboys, boxed, and used for large quantities of vitriol, acids, &c. It is made differently and for a different purpose.

We can vary the shape of our demijohn somewhat, making it round or square, of boards or staves, thus forming a box, keg, or case.

Having thus fully described our invention, what we claim, and desire to secure by Letters Patent, is—

The arrangement and construction of the boxed bottle or demijohn, when provided with the openings *e e f f g*, substantially as and for the purposes specified.

GEORGE W. FOSTER.
CHARLES W. FOSTER.

Witnesses:

HENRY W. WILLIAMS,
VICTOR C. JUST.