

937,235.

Patented Oct. 19, 1909.

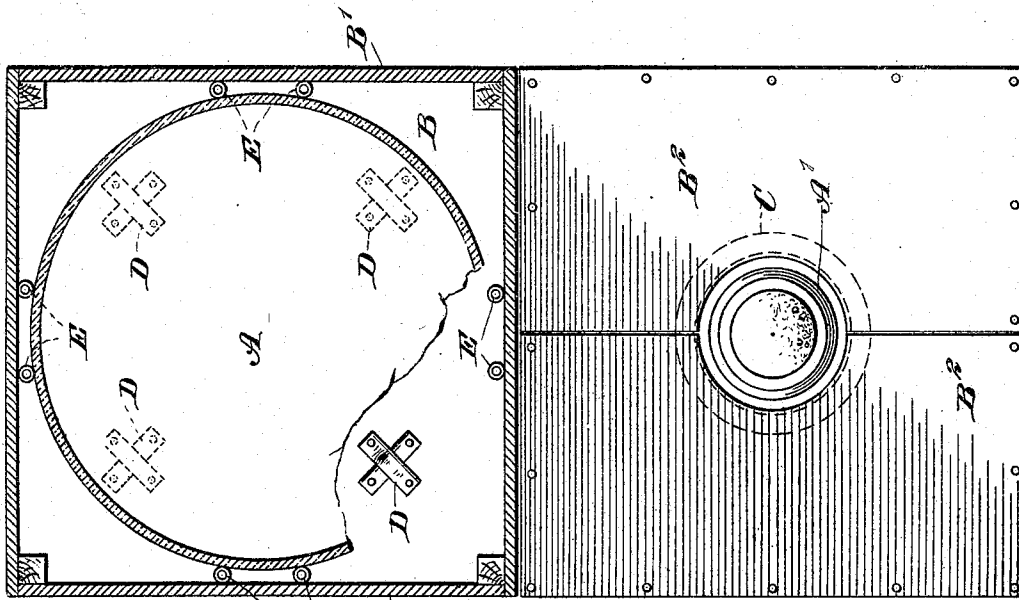


Fig. 2.

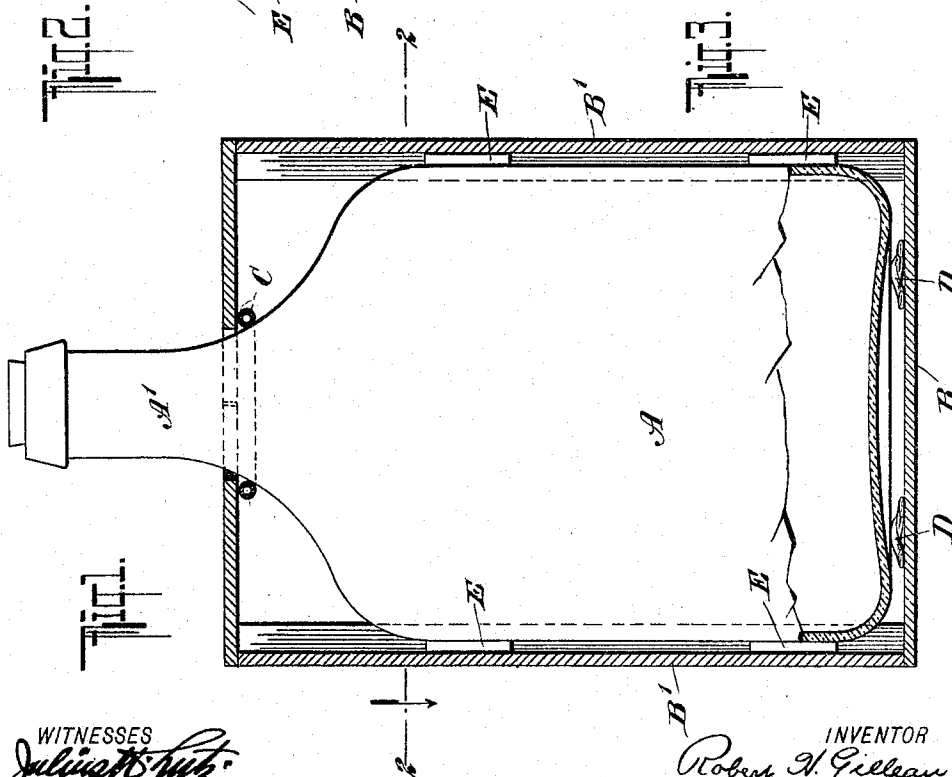


Fig. 3.

WITNESSES
Julius H. [Signature]
John Lotka

INVENTOR
Robert H. Gillean
BY
Briess & Thum
ATTORNEYS

UNITED STATES PATENT OFFICE.

ROBERT H. GILLEAN, OF BAYONNE, NEW JERSEY, ASSIGNOR TO GENERAL CHEMICAL COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

CARBOY-PACKAGE.

937,235.

Specification of Letters Patent.

Patented Oct. 19, 1909.

Application filed June 15, 1906. Serial No. 321,833.

To all whom it may concern:

Be it known that I, ROBERT H. GILLEAN, a subject of the King of Great Britain, and a resident of Bayonne, county of Hudson, State of New Jersey, have invented certain new and useful Improvements in Carboy-Packages, of which the following is a specification.

My invention relates to packages for packing carboys, and has for its object to provide a simple, strong, and efficient arrangement within the box to protect the carboy against breakage at a low cost.

The invention will be fully described hereinafter and the features of novelty pointed out in the appended claims.

Reference is to be had to the accompanying drawings in which—

Figure 1 is a sectional elevation of a box containing a carboy and provided with cushions arranged according to my invention; Fig. 2 is a horizontal section on line 2—2 of Fig. 1; and Fig. 3 is a top view.

My improved carboy box is intended especially for carboys of the form shown in Fig. 1 where A indicates a carboy having cylindrical side walls, so that the body of the carboy is of substantially the same width for a considerable portion of its height. The box itself comprises a bottom B, and side walls B' together with a top wall preferably made of two sections B² B³ adapted to be nailed to the side walls and having the customary opening at the center for the passage of the carboy neck A'. In order that said neck may not be injured by contact with the top B² B³, I have provided an annular cushion C which may be made of a piece of rubber hose. This cushion surrounds the neck of the carboy adjacent to, or at the opening of, the top. On the bottom B at points corresponding to that portion of the carboy bottom which rests on the box, I provide a series of cushions D, four as shown, each consisting of crossed pieces of rubber hose or other yielding material. These cushions are secured to the bottom B by means of nails, staples, or other suitable fastening devices. On the sides B' of the box, at different levels and preferably as shown, adjacent to the top and bottom of the cylindrical portion of the carboy body, I arrange vertically disposed cushions E which may also be made of rub-

ber hose, or other suitable material. Each of the walls preferably has two such cushions E at a higher level and two at a lower level, and in each set the cushions disposed at even distances from the center of that particular wall B'. This is clearly shown in Fig. 2.

It will be seen that the body A of the carboy does not engage any cushion at those points where it comes nearest to the sides B' of the box, but is engaged by the cushions E only at points located at a certain distance from the center of each set. Thus the carboy is held very firmly out of contact with the wooden walls of the box, and yet, at the same time, the cushions are not subjected to any excessive pressure such as might destroy their usefulness. A box of this character may therefore be used repeatedly for shipping carboys.

I claim:

1. A box for a carboy having a neck, said box comprising a permanently attached bottom and sides, a removable top having a central opening for the carboy neck, said top being divided along a line passing through said opening, a loose annular cushion below said top opening adapted to rest upon the carboy neck, pairs of cushions attached to the sides of the box the members of each pair being oppositely and equally spaced to the vertical center line of said side, and a plurality of circularly spaced cushions attached to the bottom of the box at substantially equal distances from the center of said bottom.

2. In a box for a carboy having a neck, said box comprising a permanently attached bottom and sides with suitable cushions attached thereto, the combination of a removable top having a central opening for the carboy neck, said top being divided along a line passing through said opening and a loose annular cushion just below said top opening adapted to rest upon the carboy neck, as and for the purpose described.

In testimony whereof, I have hereunto signed my name in the presence of two subscribing witnesses.

R. H. GILLEAN.

Witnesses:

GEO. M. KING,
CLARENCE H. WATSON.