

S. M. HOLTON.
Carboy-Trunnion.

No. 219,473.

Patented Sept. 9, 1879.

Fig. 1.

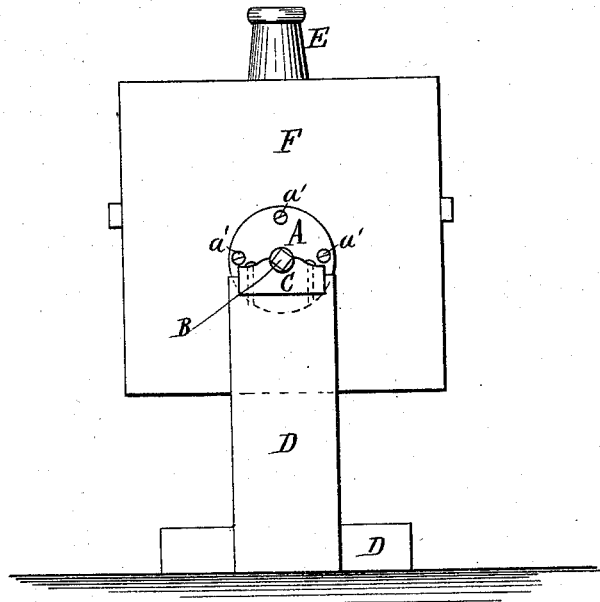


Fig. 3.

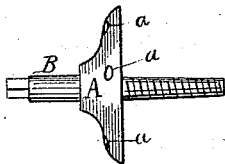


Fig. 2.

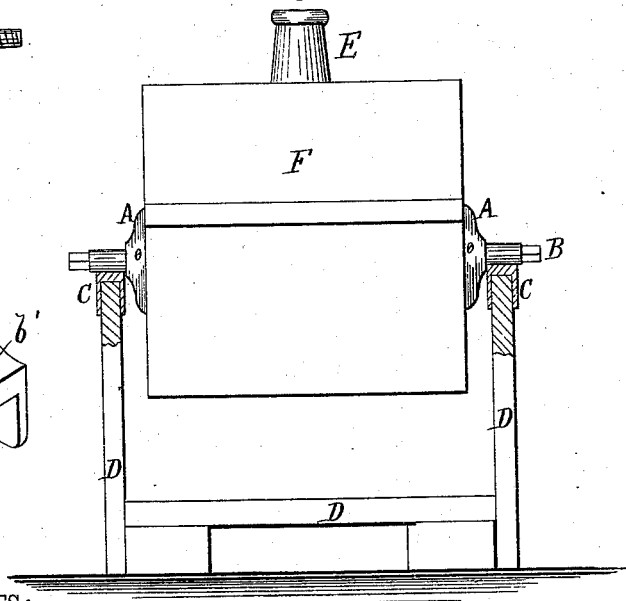
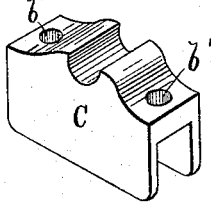


Fig. 4.



WITNESSES:

Henry N. Miller
C. Sedgwick

INVENTOR:

S. M. Holton
BY *Mum Co*
ATTORNEYS.

UNITED STATES PATENT OFFICE

SAMUEL M. HOLTON, OF BATTLE CREEK, MICHIGAN.

IMPROVEMENT IN CARBOY-TRUNNIONS.

Specification forming part of Letters Patent No. **219,473**, dated September 9, 1879; application filed July 10, 1879.

To all whom it may concern:

Be it known that I, SAMUEL MILLS HOLTON, of Battle Creek, in the county of Calhoun and State of Michigan, have invented a new and Improved Carboy-Trunnion, of which the following is a specification.

Figure 1 is a side elevation, showing the device applied to a carboy. Fig. 2 is a front elevation of the same. Fig. 3 is a plan of the trunnion. Fig. 4 is a perspective view of the box or bearing of the trunnion.

Similar letters of reference indicate corresponding parts.

The object of this invention is to provide a device by which a carboy can be tipped and its contents poured out easily and without danger or inconvenience to the operator.

The invention consists in a carboy-trunnion consisting of a circular plate and shaft, the latter squared at one end and threaded at the other, as shown in the drawings, and hereinafter described.

In the drawings, A represents a circular plate of iron, four inches in diameter, or thereabout, slightly convex on the outer face. B is the shaft or axle of the trunnion, having its outer end squared for the convenient application of a wrench and a screw-thread cut on its

inner end for the purpose of securing it in the carboy-case. The circular plate is perforated with several holes, *a*, through which screws *a'* pass to secure it to the case.

C are the bearings or boxes, secured on the frame or standard D by bolts passing through the holes *b'*. E is the carboy, and F the carboy-case. Arranged as shown, the carboy and case balance easily on the trunnions, because the shape of the carboy disposes the greater weight of its contents below the longitudinal line of the trunnions.

It is obvious that by the use of this device any one can pour out the contents of the carboy with the greatest ease and without the usual risks and inconvenience attending such operation.

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

A carboy-trunnion consisting of the circular plate A and shaft B, the latter squared at one end and threaded at the other, as and for the purpose specified.

SAMUEL MILLS HOLTON.

Witnesses:

E. W. AVERY,
E. E. CLARK.