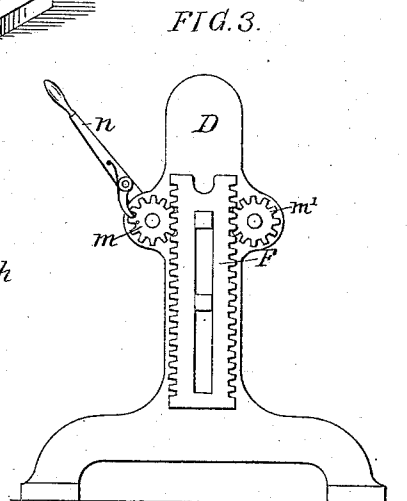
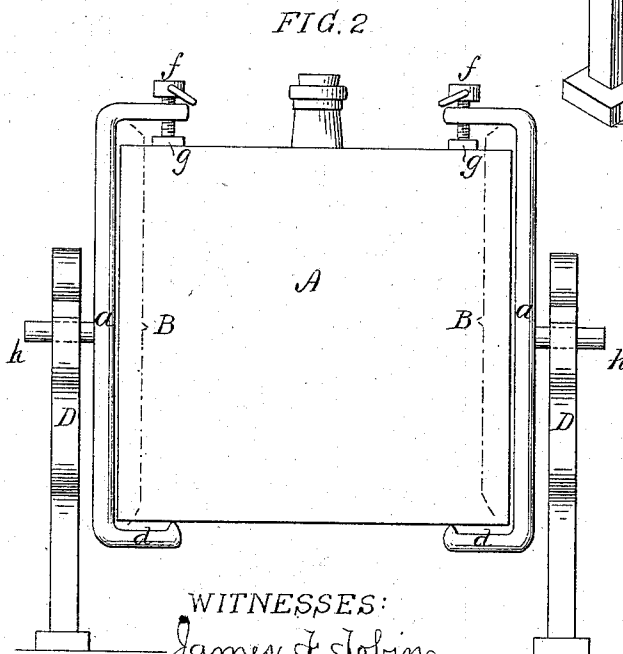
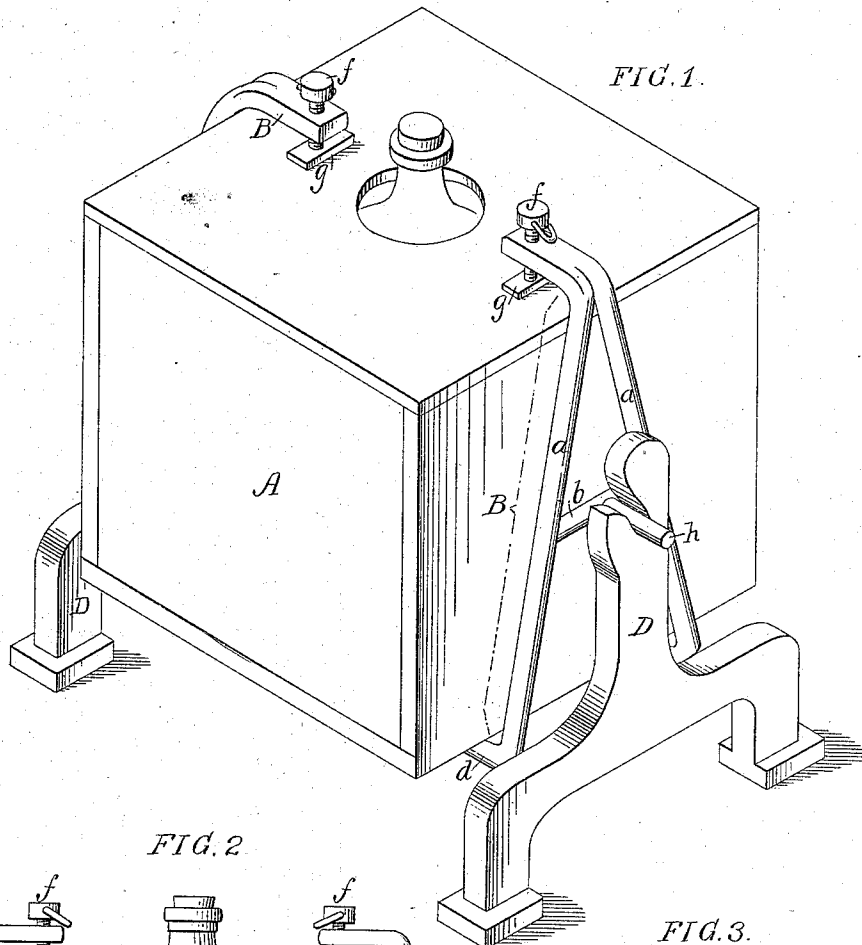


(No Model.)

E. L. DUNNET.
HANGER FOR CARBOYS.

No. 270,183.

Patented Jan. 2, 1883.



WITNESSES:

James F. Tobins
Hamilton D. Turner

INVENTOR:

Edward L. Dunnet
by his Attorneys
Howson and Sons

UNITED STATES PATENT OFFICE.

EDWARD L. DUNNET, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF
ONE-HALF TO WILLIAM H. LOCKERMAN, OF SAME PLACE.

HANGER FOR CARBOYS.

SPECIFICATION forming part of Letters Patent No. 270,163, dated January 2, 1883.

Application filed October 23, 1882. (No model.)

To all whom it may concern:

Be it known that I, EDWARD L. DUNNET, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented certain improvements in Hangers for Carboys, &c., of which the following is a specification.

The object of my invention is to provide a ready means of hanging a carboy, a barrel, an incased can or similar vessel to a frame or support, so that it can be tilted for the purpose of discharging its contents; and this object I attain in the manner which I will now proceed to describe, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of a carboy with my improved means of supporting the same; Fig. 2, an end view, and Fig. 3, a view of another form of support.

In Figs. 1 and 2, A represents the wooden casing of a vitriol-carboy; or it may be a barrel, the casing of an oil-can; or other vessel. On each side of the casing A is a frame, B, which consists in the present instance of inclined side bars, *a a*, and a central cross-bar, *b*, the bars *a* being hooked at the bottom and bent inward at the top, where they are welded or otherwise secured together. The hooked lower ends, *d*, of the bars bear upon the bottom of the casing A, and the bent upper ends of the bars carry set-screws *f*, which bear upon blocks *g* on the top of the casing; or they may bear directly upon the casing, if desired. By manipulating these set-screws the frames B can be readily clamped to or released from the casing A. The cross-bars *b* of the frames have projecting pins *h*, which are adapted to slots in the opposite supporting-frames, D, these slots being at such a height that when the pins are adapted thereto the casing A will be so far elevated from the floor that it can swing freely, in order to pour out the contents of the vessel.

When the vessel is large or heavy I prefer to use supporting-frames having movable bars F, guided on the frames, and having racks for engagement with pinions *m*, which are hung to the frames and are operated by levers *n*,

having pawls adapted to the teeth of the pinions. In Fig. 3 I have shown one of the supporting-frames with this arrangement, the bar having two racks, so that it can be reversed if one of the racks should be broken, and so as to permit the use of a supplementary pinion, *m'*, which serves to steady the rack-bar. The bars F have recesses for the reception of the pins *h* of the clamping-frames, and suitable means should be provided for retaining the levers *m* after they have been moved to such a position as to elevate the bars; or retainers may be applied to the pinions *m*; or, if desired, the pawls on the levers may act upon ratchet-wheels secured to the pinions and held by suitable retaining-catches.

The clamping-frames B are such that they will not deface or injure the casing A, and for this reason are preferable to pivot-pins screwed into the casing or secured thereto by plates held in position by screws entering the casing.

By using independent clamping-frames B and supporting-frames D, disconnected from each other, there is no limit upon the width of the vessel to be supported, as in the case of supporters in which the clamping-frame is a single structure and the supporting-standards are connected to one base.

I claim as my invention—

1. The combination of the casing A of a vessel with independent clamping-frames B, each having a set-screw, *f*, and opposite supporting-frames D, disconnected from each other, and each adapted for the reception of a projection, *h*, on one of the frames B, as set forth.

2. The combination of the casing A of the vessel, the clamping-frames B, adapted thereto and having projecting pins *h*, and the frames D, having guided and vertically-movable bars F, adapted to receive the pins *h*, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

EDWARD L. DUNNET.

Witnesses:

HARRY DRURY,
HARRY SMITH.