J. SWINDELLS.

Stand for Cask or Barrel.

No. 202,072. Patented April 2, 1878.

Fig: 1.

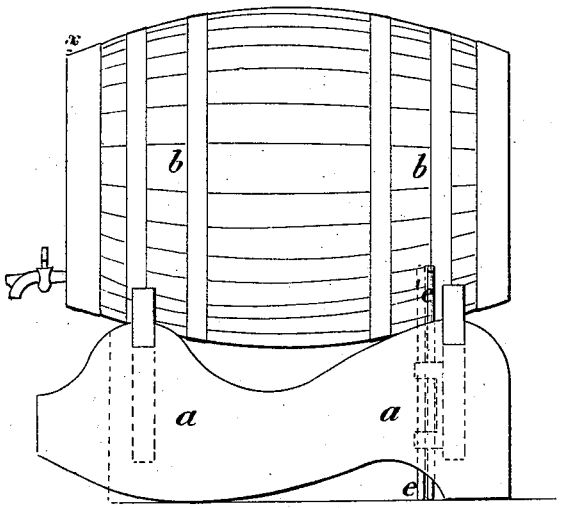


Fig: 2.

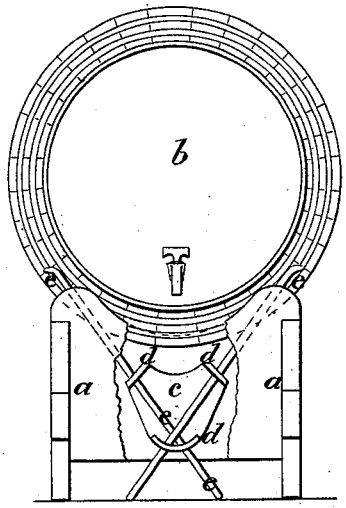


Fig: 3.

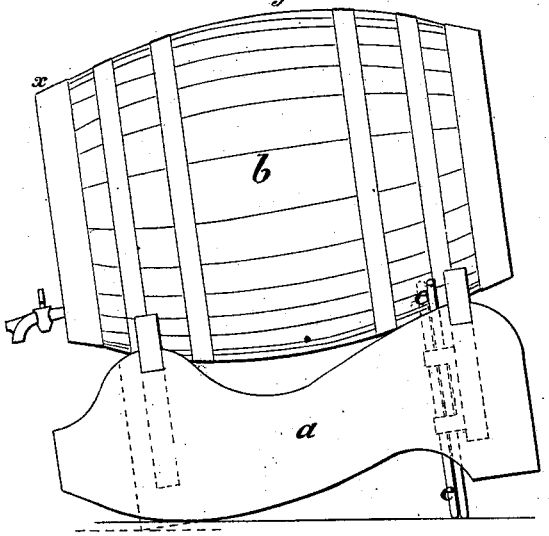


Fig: 4.

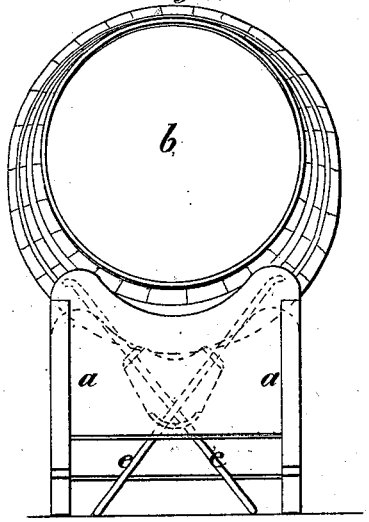


Fig: 5.

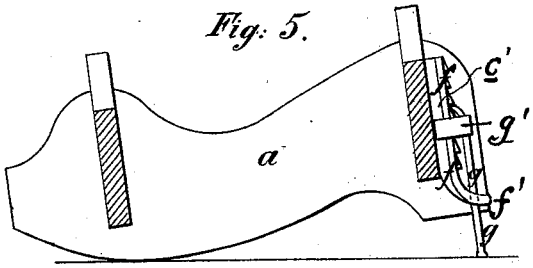
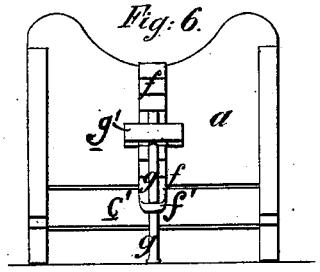


Fig: 6.



Witnesses,

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UNITED STATES PATENT OFFICE.

JAMES SWINDELLS, OF STOCKPORT, GREAT BRITAIN, ASSIGNOR TO JAMES KIRK, OF SAME PLACE.

IMPROVEMENT IN STANDS FOR CASKS OR BARRELS.

Specification forming part of Letters Patent No. **202,072**, dated April 2, 1878; application filed January 26, 1878.

To all whom it may concern:

Be it known that I, JAMES SWINDELLS, of Stockport, in the county of Chester, Kingdom of Great Britain and Ireland, have invented certain Improvements in Stands for Casks or Barrels, of which the following is a specification:

This invention relates to the construction of a stand for casks, barrels, pipes, hogsheads, and other similar vessels for containing beer or other liquids; and consists, principally, of a cask-stand capable of tilting bodily with the cask or vessel, in combination with a self-accommodating prop or props for holding the stand in the tilted position.

Figure 1 in the annexed drawings is a side elevation of a stand and barrel, and Fig. 2 a front view of the same, part of the front cross-piece of the stand being shown as broken away to expose the props hereinafter described; and Fig. 3 is a side elevation, showing the barrel and stand tilted, and Fig. 4 is a back view of the same.

The stand *a a* is made of wood or other suitable materal, the lower part being (by preference) made with rockers, so that the stand can be tilted forward.

To the back cross-piece of the stand is screwed or otherwise fixed a plate, *c c*, having lugs or projections *d d*, through holes in which pass the diagonal rods or props *e e*, the lower ends of which rest on the ground.

To tilt the cask *b b*, the hand is placed on the upper part of the front end of the barrel at *x*, and by pressing downward and pulling it forward the cask *b b* and stand *a a* will be tilted forward, the cask thus acting as a lever to tilt the stand.

As the rear end of the barrel and stand rises the diagonal rods or props *e e* will slide through the holes in the lugs *d d*, their lower ends still remaining on the ground, (see Figs. 3 and 4,) and, as shown, as the hand is withdrawn from the front part of the barrel, and the weight bears upon the back of the stand, these rods or props, by reason of their diagonal position, become wedged fast in their holes, and effectually hold the cask in the position to which it has been tilted. The stand can be brought down to its original level again by simply drawing the rods *e e* diagonally upward by hand.

A slight modification in the form of the prop is shown at Figs. 5 and 6, Fig. 5 being a section, and Fig. 6 a back view, of a cask-stand with this modification applied.

To the back of the stand is attached a plate, *c'*, having ratchet-teeth *f f* on its face, and having a lug or lugs, *f'* through which passes a rod, *g g*, the lower end of the latter resting on the ground, and the upper end being adapted to the ratchet-teeth on the said plate. A block, *g'*, attached to said rod, is adapted to guiding-ribs on the plate *c'*.

As the action of tilting raises the back part of the stand *a a* the catch or sliding rod *g g* takes into the teeth of the rack *f f*, and holds the stand in the tilted position.

The above-described arrangements may either be used separately, as shown in the drawing, or both applied to the same stand for large casks or hogsheads, as they are much stronger when combined.

It will thus be seen that in both cases the stand on which the barrel rests is supported by means of a prop, which accommodates itself to the height to which the rear of the stand is raised.

I claim as my invention—

1. The combination of a barrel-stand having a plate secured to its rear end with a self-accommodating and self-retaining prop adapted to slide in said plate, all substantially as set forth.

2. The combination of the barrel-stand and its plate *c*, having lugs *d d*, with the diagonal props *e e*, substantially as described.

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

JAMES SWINDELLS.

Witnesses:

GEORGE DAVIES,
JOHN HUGHES.