April 6, 1926. 1,579,627

G. BELL ET AL

BARREL RACK

Filed Sept. 26, 1924

Fig. 1.

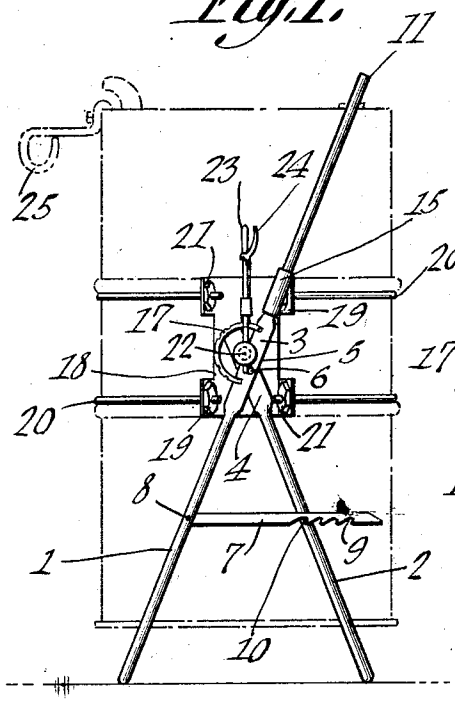
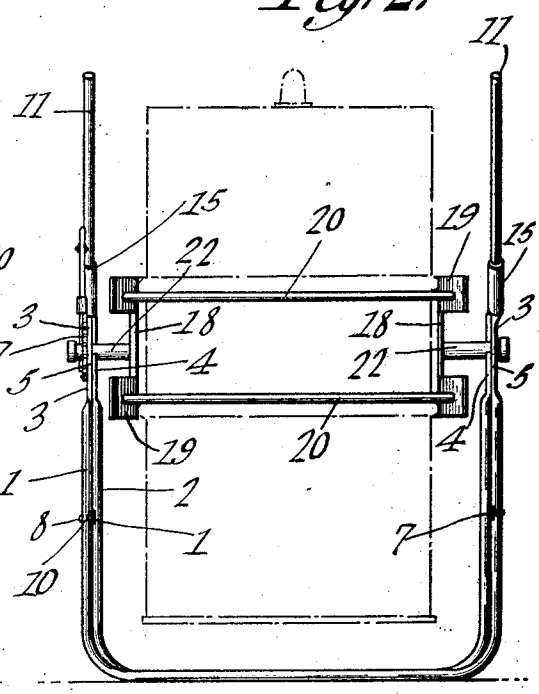


Fig. 2.



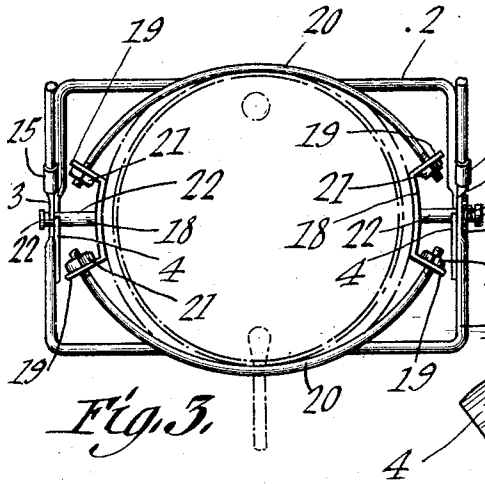


Fig. 3.

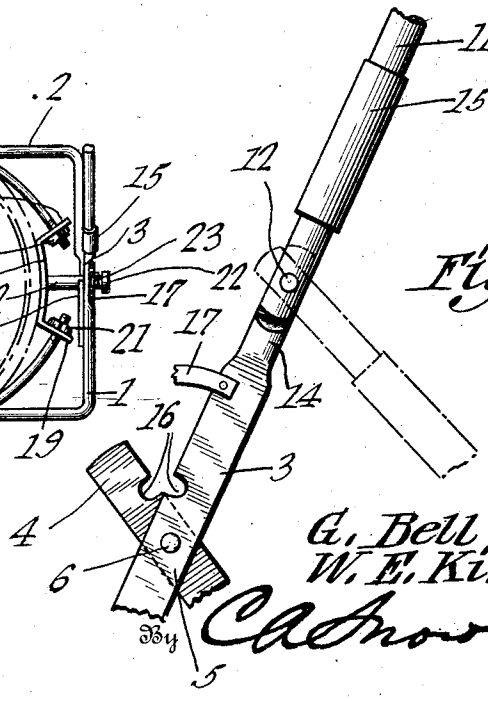


Fig. 4.

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UNITED STATES PATENT OFFICE.

GEORGE BELL AND WILLIAM E. KIRK, OF DALHART, TEXAS.

BARREL RACK.

Application filed September 26, 1924. Serial No. 740,088.

To all whom it may concern:

Be it known that we, GEORGE BELL and WILLIAM E. KIRK, citizens of the United States, residing at Dalhart, in the county of Dallam and State of Texas, have invented a new and useful Barrel Rack, of which the following is a specification.

This invention aims to provide a novel means whereby a barrel or other container may be suspended for pivotal movement, so that the barrel can be turned, to pour out its contents.

It is an object of the invention to provide novel means whereby the barrel may be held in any position to which it may have been swung: and, further, it is an object of the invention to improve generally and to enhance the utility of devices of that sort to which the invention appertains.

Although a preferred form of the invention has been shown, it will be understood that a mechanic, working within the scope of what is claimed, may make changes and alterations without departing from the spirit of the invention.

In the accompanying drawings:—Figure 1 shows in side elevation, a device constructed in accordance with the invention; Figure 2 is an elevation wherein the structure is shown at right angles to the disclosure in Figure 1; Figure 3 is a top plan; Figure 4 is a fragmental view disclosing parts of the supporting structure for the barrel.

In the drawings, the device is shown as supporting a barrel which is vertically disposed, that it will be understood that the structure is equally well adapted to handle the barrel the axis of which is horizontal.

The device comprises a pair of loop-shaped supports 1 and 2, the side arms of which are provided, respectively, with flattened parts 3 and 4, crossed on each other, as shown at 5, and connected, at their points of crossing, by pivot elements 6. In order to hold the supports 1 and 2 at adjusted angles with respect to each other, depending upon the length of the barrel, latches 7 are pivoted at 8 to the side arms of the support 1, and are provided with teeth 9 adapted to cooperate with keepers 10, on the support 2.

In order to enable the device to be tipped up into the position shown in Figure 1, along with the barrel, handles 11 are provided, the handles being pivoted at 12 to extensions 14 of the parts 3 of the support 1. Any suitable means may be supplied for holding the handles 11 rigidly in the upstanding position shown in Figure 1 of the drawings. Thus, sleeves 15 may be mounted slidably on the handles, the sleeves being adapted to receive the parts 14, the flattened portions 3 of the support 1 preventing the sleeves 15 from sliding downwardly out of engagement with the handles 11. When the occasion for the use of the handles 11 has passed, the sleeves 15 may be slid upwardly, off the parts 14, and, then, the handles 11 may be swung downwardly, into an out of the way position, on the pivot elements 12. The flattened parts 3 and 4 of the supports 1 and 2, respectively, are equipped with cooperating notches 16 defining a bearing opening. An arcuate rack 17 is secured to the part 3 of the support 1.

The clamp for holding the barrel, comprises base members 18, in the form of plates, having outstanding ears 19 connected by curved tightening bolts 20 provided with nuts 21, adapted to engage the ears 19, the construction being such that a barrel which is to be drained, may be held securely for swinging movement about a horizontal axis. The base members 18 of the barrel clamp are supplied with shafts 22 mounted to rock in the bearing openings afforded by the notches 16. One of the shafts 22 is equipped with an arm 23 having a latch mechanism 24 adapted to cooperate with rack 17, to hold the barrel in any position to which it may have been tilted. In order to facilitate the tilting of the barrel, a grip 25, of any desired sort, may be mounted on the chine of the barrel or other container.

Having thus described the invention, what is claimed is:—

In a device of the class described, loop-shaped supports disposed at an angle to each other, the supports comprising side arms which are pivotally connected, means for mounting a container on the supports for swinging movement, means for holding the supports adjustably at different angles with respect to each other thereby to adapt the device to containers of different heights, the lower ends of the supports being free, to permit the supports to be adjusted angularly

with respect to each other, a handle pivoted to one arm of one support, whereby the handle may be swung downwardly into an out-of-the way position when not in use, and means for holding the handle in approximate alinement with said arm, the handle constituting means whereby the device may be tilted, as aforesaid, with the lower end of either support as a fulcrum.

In testimony that we claim the foregoing as our own, we have hereto affixed our signatures.

GEORGE BELL.
WILLIAM E. KIRK.