Oct. 18, 1949. A. J. SZENASI ET AL 2,485,075

BARREL HOLDER

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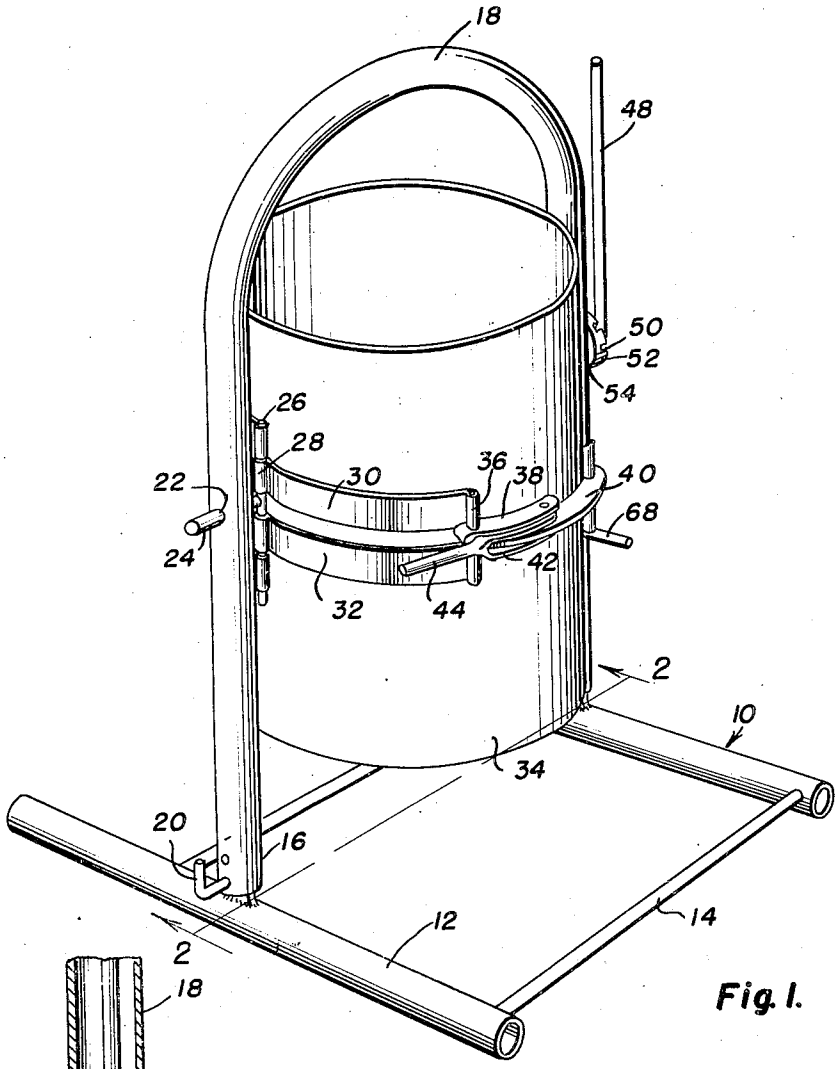


Fig. 1.

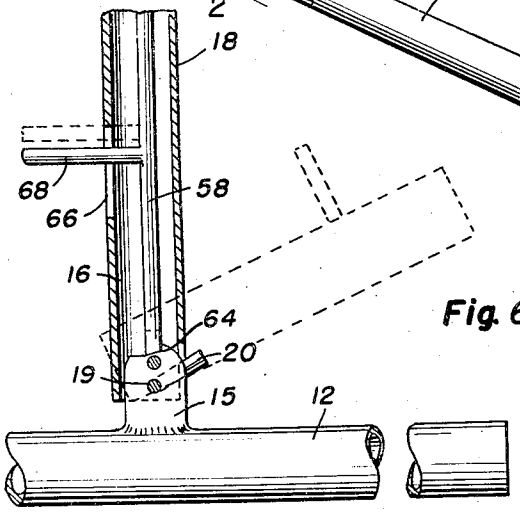


Fig. 6.

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Fig. 2.

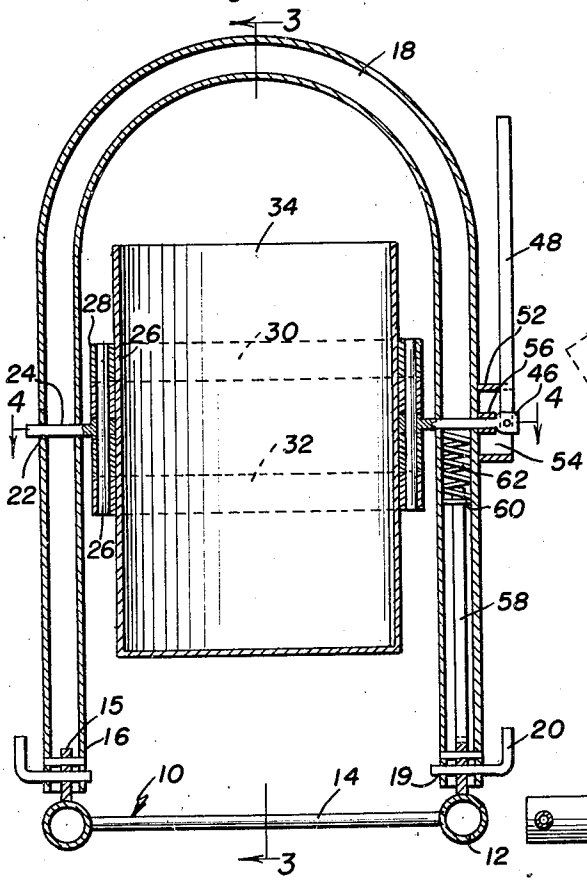


Fig. 3.

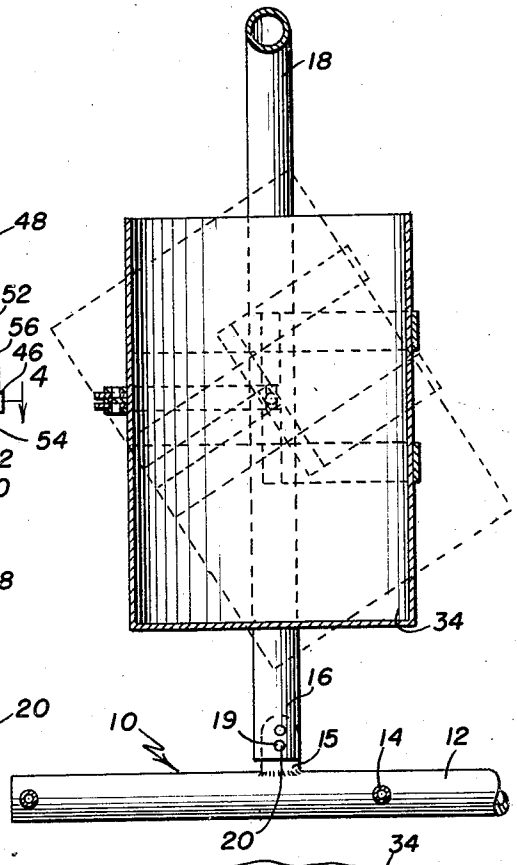
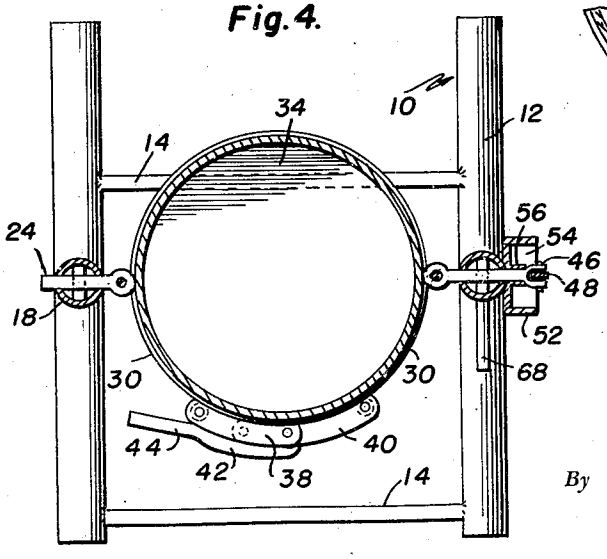


Fig. 4.



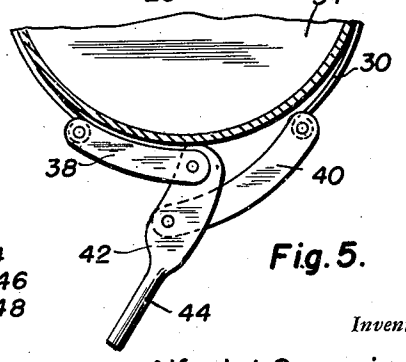


Fig. 5.

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2,485,075

BARREL HOLDER

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Application June 6, 1947, Serial No. 752,932

5 Claims. (Cl. 248—139)

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This invention relates to new and useful improvements in barrel holders and the primary object of the present invention is to provide a barrel support so constructed as to permit the barrel held thereby to be adjustably tilted whereby the contents of the barrel may be poured therefrom.

Another important object of the present invention is to provide a support for barrels and the like including novel locking means for attaching the barrel to the support.

A further purpose of the present invention is to provide a device of the character referred to which is quickly and readily disassembled for convenient transporting and shipment thereof.

A still further aim of the present invention is to provide a device of the class described which is simple and practical in construction, strong and reliable in use, relatively inexpensive to manufacture, and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view of the present invention, a barrel supported thereby;

Figure 2 is a vertical transverse sectional view taken substantially on line 2—2 of Figure 1;

Figure 3 is a vertical longitudinal sectional view taken on line 3—3 of Figure 2;

Figure 4 is a horizontal longitudinal sectional view taken on line 4—4 of Figure 2;

Figure 5 is an enlarged fragmentary sectional view showing the manner in which the barrel is locked to the holder; and,

Figure 6 is an enlarged fragmentary sectional view of the lower portion of the holder, with dotted lines showing the pivotal movement of the frame with respect to the base.

Referring now to the drawings in detail, wherein for the purpose of illustration, there is described a preferred embodiment of the present invention, the numeral 10 represents generally a base member comprising a pair of parallel spaced legs 12 preferably of tubular metal and retained in spaced relationship by cross bars 14.

Projecting upwardly from substantially the centers of each leg 12 are substantially flat frame engaging plates 15 that pivotally receive the terminal portions 16 of a substantially inverted U-shaped hollow tubular frame 18.

Alined apertures 19 are provided in both the

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plates 15 and the terminal portions 16 and receive removable angular retaining pins 20 which retain the frame at substantially right angles to the base 10.

Pivotally mounted in apertures 22 in the frame are the right angular portions 24 of supporting arms 26. These arms 26 receivably engage sleeves 28 at one end of pairs of arcuate barrel embracing arms 30 and 32 which bear against the periphery of a barrel or the like 34.

The outer free ends of these embracing arms terminate in sleeves 36 between which are respectively pivoted a "U" shaped arcuate member 38 and an arcuate elongated plate 40. The outer end of member 38 is pivoted to the bifurcated portion 42 of a handle grip 44, and the outer end of plate 40 is also pivoted to portion 42 intermediate the end of member 38 to permit the plate 40 to extend between member 38 as the handle grip 44 is forced toward member 38, as shown in Figure 1 of the drawings.

The outer end of one of the angular portions 24 is bifurcated, as at 46, to pivotally receive one end of a lever or handle 48 which selectively engages circumferentially spaced notches 50 in the flanged portion 52 of a dish-like member 54, suitably secured to the frame at one side. In this manner the angular adjustment of the barrel with respect to the frame can be regulated. A bushing 56 is preferably carried by the portion 24 adjacent the handle 48 to space the handle from the frame and correctly position the handle with respect to the flanged portion 52.

Mounted in one leg of the frame is a rod 58 having a washer or the like 60 at its upper end. Biased between portion 24 and washer 60 is a coil spring 62 maintaining portion 24 in adjusted position and also retaining the lower end of rod 58 normally against the cut out portion 64 provided in one of the plates 15 as shown in Figure 6.

Extending outwardly through a vertical slot 66 in one of the legs of frame 18 is an arm 68 suitably secured to rod 58.

In practical use of the device, the handle 48 is pulled slightly out of notches 50 and by rotating the handle, the barrel is tilted. Upon the desired angle of tilt, the lever is re-engaged in a selected notch to retain the barrel at the desired angle. Retaining pins 20 can then be removed and rod 58 raised by arm 68 so that the frame 18 will be hand lowered for emptying the barrel should the barrel be filled to capacity or for collapsing the device for shipment or storage.

In view of the foregoing description taken in

conjunction with the accompanying drawings it is believed that a clear understanding of the construction, operation and advantages of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claims.

What we claim is:

1. A barrel holder comprising a base, a support pivotally mounted on said base, means for locking said support at right angles to said base, barrel embracing means, means for journalling said embracing means to said support, means selectively rotating said embracing means, additional locking means retaining said embracing means in adjusted position, and further locking means carried by said frame preventing tilting movement thereof when said first mentioned means are removed.

2. The structure defined in claim 1 wherein said first mentioned locking means comprises an angular locking pin engaging alined apertures in said support and said members.

3. A barrel holder comprising a base, a pair of members rising from said base, a support pivoted to said members, locking means removably carried by said support engaging said members and retaining said support at right angles to said base, resilient barrel embracing means, means for pivotally mounting said embracing means to said support, means for rotating said embracing means, additional locking means for selectively retaining said rotating means in adjusted position, and further locking means carried by said support for retaining the latter in vertically disposed relation relative to said base when said first mentioned locking means are removed from said support.

4. A barrel holder comprising a base, a pair of members rising from said base, a support pivoted to said members, locking means removably carried by said support engaging said members and retaining said support at right angles to said base, resilient barrel embracing means, means for pivotally mounting said embracing means to said support, means for rotating said embracing means, additional locking means for selectively retaining said rotating means in adjusted position, and further locking means carried by said support for retaining the latter in vertically disposed relation relative to said base when said first mentioned locking means are removed from said support, said further locking means comprising a spring actuated rod communicating with one of said members and including a hand gripping portion for disengaging said rod from said member.

5. The combination of claim 4 wherein said rod is mounted in one of said members, said one of said members having a longitudinal slot slidably receiving the hand gripping portion of said rod.

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