J. J. KAUFMAN.

BARREL STAND.

APPLICATION FILED DEC. 22, 1920.

1,375,593. Patented Apr. 19, 1921.

Fig. 1.

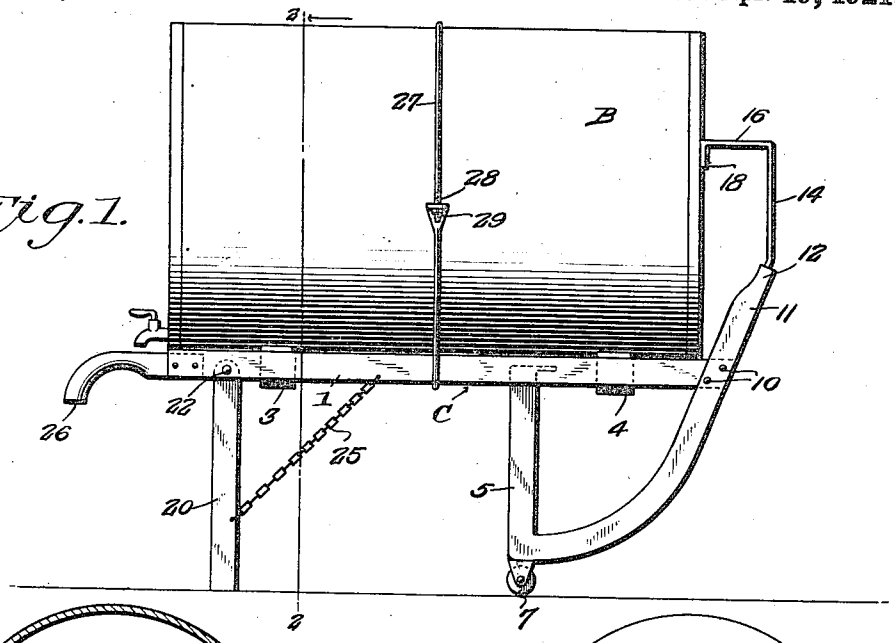
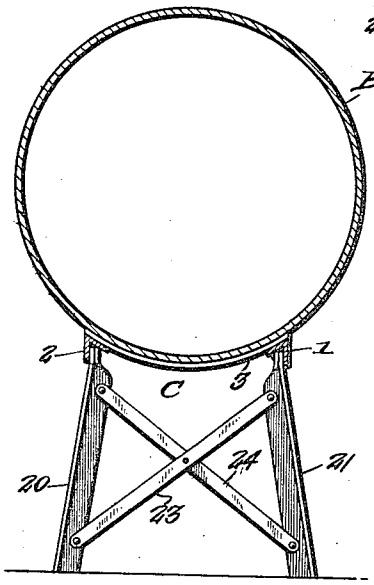


Fig. 2.



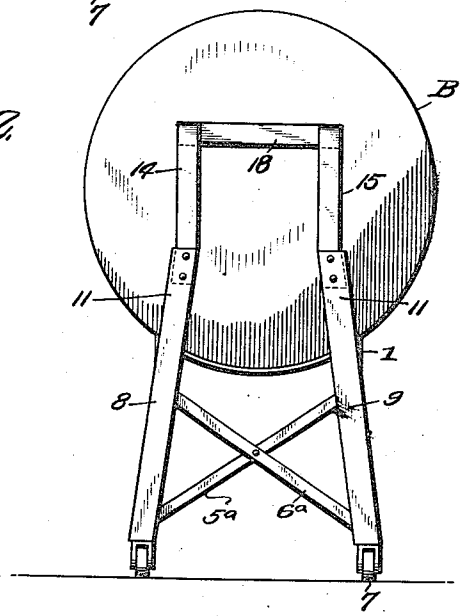


Fig. 3.

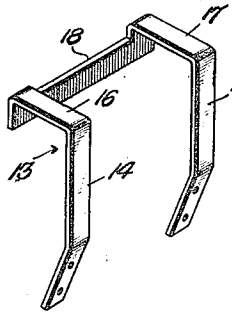


Fig. 4.

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BARREL-STAND.

1,375,593. Specification of Letters Patent. Patented Apr. 19, 1921.

Application filed December 22, 1920. Serial No. 432,553.

To all whom it may concern:

Be it known that I, JONAS J. KAUFMAN, a citizen of the United States, residing at Pretty Prairie, in the county of Reno and State of Kansas, have invented certain new and useful Improvements in Barrel-Stands, of which the following is a specification.

This invention relates to barrel supports or stands and more particularly to that class of devices whereby heavy containers may be conveniently moved from one position to another with a minimum of effort.

One of the objects of the invention is the construction of a portable, container support or carrier of the above type having a rigidly constructed cradle to receive liquid containers and the like and other similar cylindrical heavy bodies which necessitate constant handling in moving the same from place to place.

Another object of the invention resides in the construction of a caster supported stand possessing extreme rigidity and strength for supporting heavy bodies, said support being simple in construction, comprising but few parts and therefore inexpensive to manufacture, convenient, efficient, and highly practical in use, and otherwise conforming to the requirements of similar structures which are subject to extreme and rough use.

With these objects in view and others which will be manifest and suggested as the nature and purpose of the invention are revealed in the following specification and drawing wherein I have shown a practical, yet preferred embodiment thereof.

Figure 1 is a perspective view showing the support in use.

Fig. 2 is a vertical section taken on the line 2—2 of Fig. 1,

Fig. 3 is an end view of the same.

Fig. 4 is a detached view of the resilient end brace.

Referring now in particular to Figs. 1 and 2 of the drawing, I have shown a cylindrical container B supported by the cradle or frame designated in its entirety by the letter C which forms the basis of my present invention and which will now be described in detail.

The frame or support comprises a pair of longitudinally extending bars 1, 2 constructed preferably of angle iron, said bars being rigidly connected near their front and rear portions by transverse, curved, flat brace bars 3, 4 which are riveted, bolted or otherwise permanently secured to the angle bars, forming a rigid structure. The transverse brace bars are curved to conform to the contour of a container thus constituting a seat or cradle for the same when being transported and moved from one position to another.

Rigidly connected supporting legs 5, 6 are also connected to the outer sides of the respective angle bars preferably in proximity to the center of the cradle, said supporting legs being provided with crossed connecting braces 5^a, 6^a. By positioning the supporting legs as above described, the container support may be readily tilted and balanced when it is being transported on its casters 7 as clearly shown in the drawing. The said supporting legs are provided with rearwardly directed curved, integral arms 8, 9 which are riveted or otherwise rigidly secured as at 10 to the rear terminals of the angle bars above referred to. The upper terminals 11 of the arms 8, 9 extend rearwardly and above the frame proper and have their reduced ends 12 bent to receive the resilient end brace 13 which is riveted and permanently secured thereto and adapted to normally contact with and retain the end of the body being transported in position. The resilient brace comprises a pair of vertically bent arms 14, 15 which extend inwardly at right angles as at 16, 17 and then downwardly being connected by a crossed arm 18 which lies contiguously to the barrel or container when the same is positioned in the cradle or frame of the device.

A front pair of supporting legs 20, 21 also preferably constructed of angle iron have their reduced ends pivotally connected at 22 to the inner sides of the respective angle bars, said front supporting legs having similar crossed connecting braces 23, 24 rigidly bracing the same. A flexible chain 25 attached to the front supporting legs and the frame of the cradle prevents the possible outward movement of the supporting legs as is well understood. Handle grips 26 permanently secured to the front of the cradle and preferably to the terminals of the angle bars permit the device to be moved about on its casters similar to a wheeled truck. A retaining rod 27 screw threaded as at 28 is provided with a clamping connection 29,

said rod adapted to embrace the container being transported and securely holding the same on the cradle of the support.

In the accompanying drawings, I have illustrated my invention embodied in one form by way of example, and which in practice has been found to be highly satisfactory in obtaining the desired results. It will be obvious however that other embodiments may be adopted and that various changes in the details of construction may be resorted to by those skilled in the art without departing from the spirit and scope of the invention. It is furthermore understood that the invention is not necessarily limited or restricted to the precise elements shown except in so far as such limitations are specified in the subject matter being claimed.

What I claim is:—

1. In a support of the class described comprising a cradle or frame having longitudinally extending angle bars, flat, transversely, curved braces connecting said bars, caster supported legs rigidly secured to the inner sides of the angle bars, curved arms integral with said supporting legs and attached to the sides of the angle bars, resilient bracing means secured to the upper terminals of the curved arms and normally bearing against the body being transported, and legs pivoted to the inner sides of the said angle bars for supporting the front part of the frame.

2. In a support of the class described comprising a rigid frame, rigidly secured supporting legs and casters therefor, rearwardly directed curved bracing arms integral with said legs and attached to the sides of the frame, resilient bracing means attached to the upper reduced terminals of said arms normally contacting with the end of the body being transported, pivotally supported means secured to the sides of said frame and at the forward portion thereof, and handle grips for moving the said frame.

3. In a support of the class described comprising a rigid frame having longitudinally extending angle bars, transverse, curved, flat brace bars connecting said angle bars, roller supported legs and crossed braces therefor, permanently secured in proximity to the center of said frame, rearwardly directed, upwardly curved arms integral with said legs, attached to the outer sides of the angle bars extending above the same, resilient bracing means attached to the reduced terminals of said arms, and normally bearing against the body being transported, pivotally connected, braced, front supporting legs secured to the inner sides of the frame, flexible means connecting said front supporting legs to the frame, and hand grips secured at one end of the said angle bars.

In testimony whereof, I affix my signature hereto.

JONAS J. KAUFMAN.