Mar. 20, 1923. 1,449,131

C. SKARSTAD

BARREL STAND

Filed Oct. 25, 1921

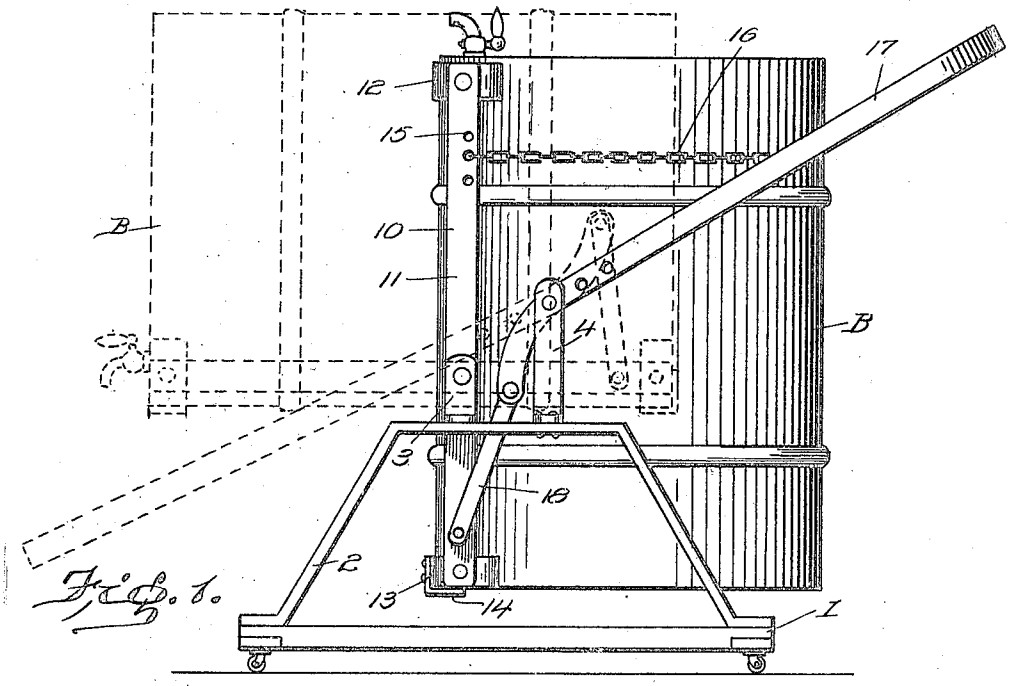


Fig. 1.

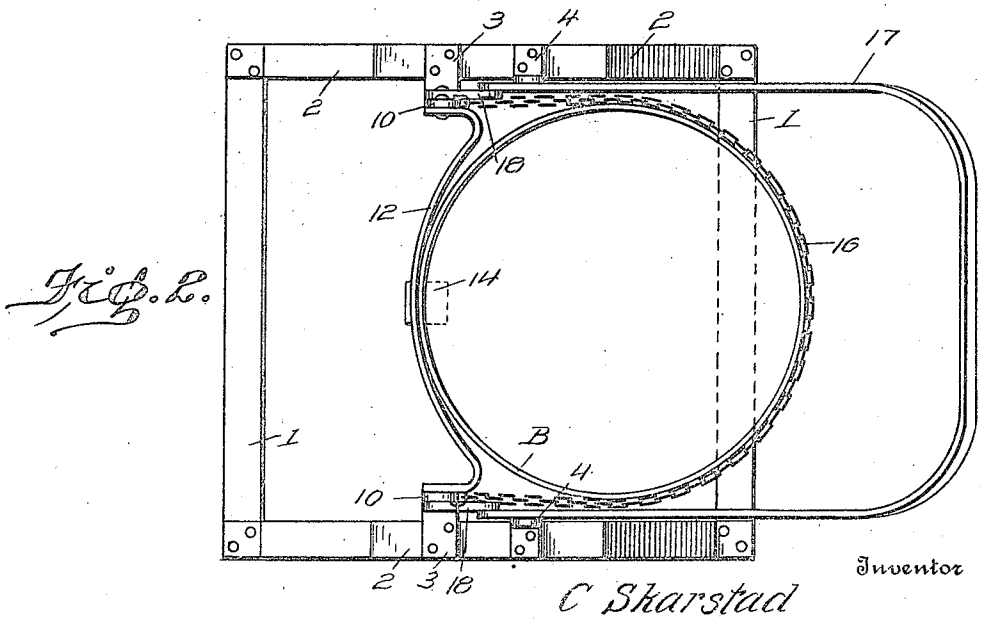


Fig. 2.

Inventor

C Skarstad

By Geo. P. Kimmel.

Attorney

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UNITED STATES PATENT OFFICE.

CARL SKARSTAD, OF WHALAN, MINNESOTA.

BARREL STAND.

Application filed October 25, 1921. Serial No. 510,402.

To all whom it may concern:

Be it known that I, CARL SKARSTAD, a citizen of the United States, residing at Whalan, in the county of Fillmore and State of Minnesota, 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 of the portable type.

The object of the invention is to provide a stand of this character which may be easily moved from place to place, and which is so constructed that the barrel may be readily tilted for emptying the contents thereof.

Another object is to provide a supporting frame or sling for the barrel constructed so that the tilting movement of the barrel may be limited in opposite direction and which is adaptable to fit barrels of different sizes.

With these and other objects in view, the invention consists in certain novel features of construction as hereinafter shown, described and claimed.

In the accompanying drawings:—

Figure 1 represents a side elevation of a stand constructed in accordance with this invention with a conventional form of barrel in the position upon the stand shown in upright position in full lines and in horizontal position in dotted lines; and,

Fig. 2 is a top plan view thereof.

In the embodiment illustrated, the base 1 of the stand is here shown rectangular in form and composed of four sills secured together at their ends and provided with suitable castors to facilitate the shifting of the stand from place to place. This base 1 may be composed of any suitable material, metal or wood, and rising from the two side sills thereof are coacting inverted truncated V-shaped brackets 2, the downwardly diverging legs or sides of which are secured at their ends in any convenient manner to the corners of the base, as is shown clearly in Fig. 1. Carried by the upper portion of each bracket 2 are L-shaped brackets 3 and 4 arranged in spaced relation and riveted or otherwise secured to said brackets 2. The L-shaped brackets 3 are shorter than those 4 and have pivotally mounted in the upstanding arms thereof, the side members 11 of the sling or barrel supporting frame 10. The side members 11 of the frame are connected at their ends by curved cross bars 12 and 13 being curved to form seats for the ends of the barrel B to be supported. An upstanding stop or lug 14 is carried by the rear cross bar 13 to hold the barrel against longitudinal movement in one direction during the tilting of the sling.

The side members 11 of the sling 10 are provided near their front ends with a plurality of longitudinally spaced apertures 15 with which are detachably engaged the ends of a barrel engaging chain 16, designed to securely hold the barrel B on the sling.

Fulcrumed in the upstanding arms of the bracket members 4, is a U-shaped operating lever 17, the free ends of the legs of which are deflected edgewise at an angle of about ninety degrees, more or less, and at the bend or junction of these ends with the body portions of the legs is located the fulcrums which connect the lever 17 with the brackets 4.

Links 18 are pivotally connected at their ends with the deflected portions of the lever arms and with the side members 11 of the sling 10 adjacent the rear cross bar 13.

The attaching arms of the brackets 3 are made longer than those of brackets 4 to provide for the swinging of the operating lever 17 between the sling and said bracket arms 3 or between said sling and the upright portions of the brackets 3. The arms or legs of the member 17 are also positioned in front of the upright portions of the brackets 4 so that the lever will engage the attaching arm of said brackets when swung in opposite directions and thus limit the swinging movement of the sling.

From the above description it will be obvious that when a barrel has been placed in the sling 10 and secured by the chain 16, that it may be easily swung with a minimum amount of exertion by means of the lever 17, said lever operating through its link connection with the sling to readily swing the sling in any direction for tilting the barrel B, also positioning it in upright position, as shown in Fig. 1.

A barrel stand constructed as herein shown and described, while very simple in construction, is extremely strong and durable and has few parts to get out of order or be broken. The lever 17, as shown, is provided with a plurality of longitudinally spaced

apertures in the legs thereof to vary its adjustment on the brackets 4 to accommodate barrels of different heights.

The preferred embodiment of the invention is disclosed in the drawings and set forth in the specification, but it will be understood that any modifications within the scope of the claimed invention may be made in the construction without departing from the principle of the invention or sacrificing any of its advantages.

I claim:—

In a stand of the class described, a supporting base, truncated inverted V-shaped brackets mounted on said base, L-shaped brackets carried by said V-shaped brackets, a sling pivoted intermediate its ends to one pair of said brackets, a U-shaped lever fulcrumed to the other pair of brackets and having a link connection with said sling, and means for retaining a barrel on the sling.

In testimony whereof, I affix my signature hereto.

CARL SKARSTAD.