April 20, 1948. L. POGLEIN 2,439,907

GRIP FOR STEEL DRUMS OR THE LIKE

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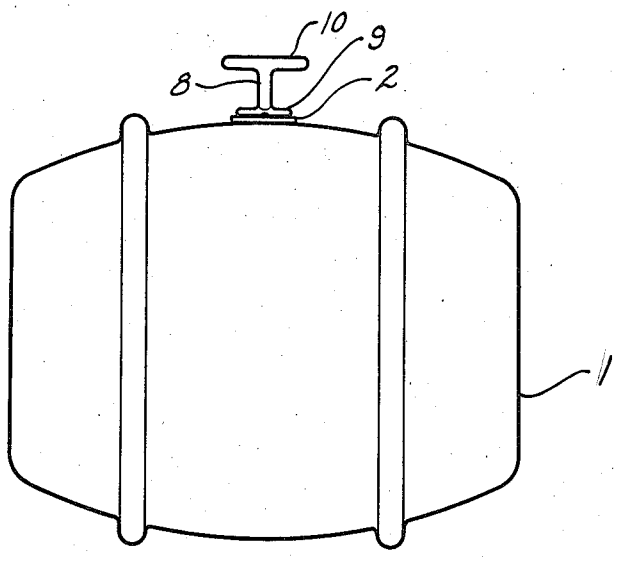


Fig. 1

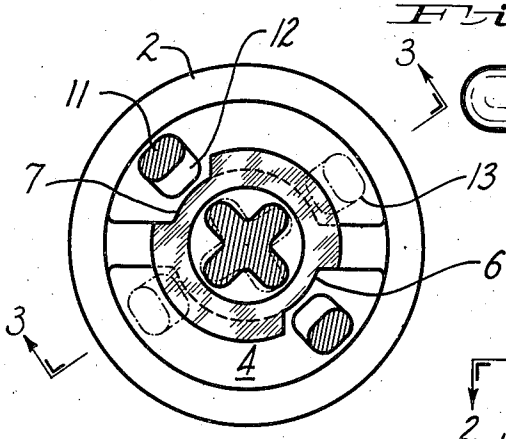


Fig. 2

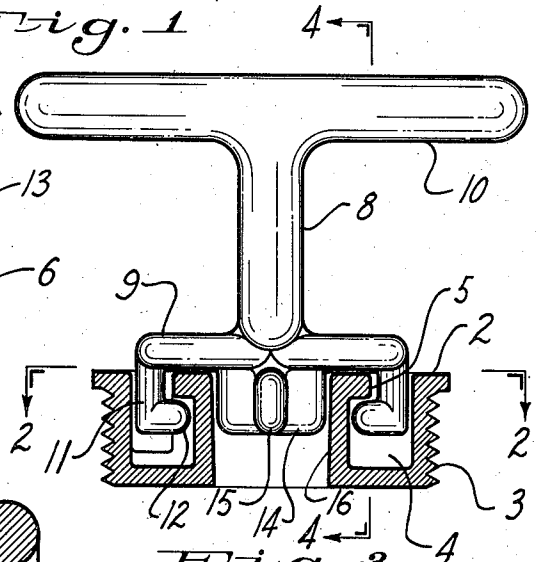


Fig. 3

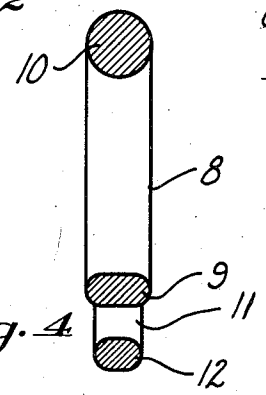


Fig. 4

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GRIP FOR STEEL DRUMS OR THE LIKE

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Application April 29, 1947, Serial No. 744,619

1 Claim. (Cl. 294—26)

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This invention relates to a device for gripping steel drums or the like, more particularly to a key adapted to fit into the stoppers of steel drums whereby they may be conveniently handled when empty.

The invention will become more apparent from a consideration of the accompanying drawing, constituting a part hereof, in which like reference characters designate like parts, and in which

Fig. 1 is a side elevational view of a steel drum and gripping member embodying the principles of my invention;

Fig. 2 a cross sectional view of the gripping device and stopper taken along the line 2—2, Fig. 3;

Fig. 3 a vertical section, partially in elevation, taken along the line 3—3, Fig. 2; and

Fig. 4 a cross sectional view taken along the line 4—4, Fig. 3.

In the drawing the numeral 1 designates a steel drum, such as a beer barrel, having a stopper 2 with a threaded wall 3 screwed into the large side opening of the ferrule or drum. The stopper 2 is provided with an annular recess 4 having a flange 5 which is recessed at 6 and 7 as shown in Fig. 2.

The gripping device of the present invention comprises a shank 8 having two radial arms 9 and a T-head 10 constituting the handle or grip. The radial arms 9 are provided with depending lugs 11 having radial fingers 12 extending inwardly, the inner dimension of the fingers 12 from end to end being less than the outer diameter of flange 5, so that when the fingers are

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inserted in the recesses 6 and 7 and the handle member is turned to the dotted line position, designated by the numeral 13, Fig. 2, the fingers will abut the under portion of flange 5 when the barrel is lifted by the handle member 10.

One of the important features of the invention is the use of a pilot, generally designated by the numeral 14, consisting of the ribs 15 which seat in the central opening 16 of the stopper 2. This pilot maintains the spacing between the ends of fingers 12 and the flange 5, with the walls of the recess 4 and the wall 16 so that a rather solid grip is effected between the implement and the barrel whereby it can be lifted and manipulated in loading and unloading.

Although one embodiment of the invention has been herein illustrated and described, it will be evident to those skilled in the art that various modifications may be made in the details of construction without departing from the principles herein set forth.

I claim:

A gripping member for handling empty steel drums and the like comprising a grip having a shank with spaced lugs for insertion through recesses in the stopper of the drum, which lugs when turned to be disposed beneath the flange of the stopper constitute abutments for said flange, and a pilot extending beyond the end of the shank cooperating with the inner walls of the drum stopper for maintaining proper spacing of the lugs and flange for interlocking the lifting member with the drum.

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