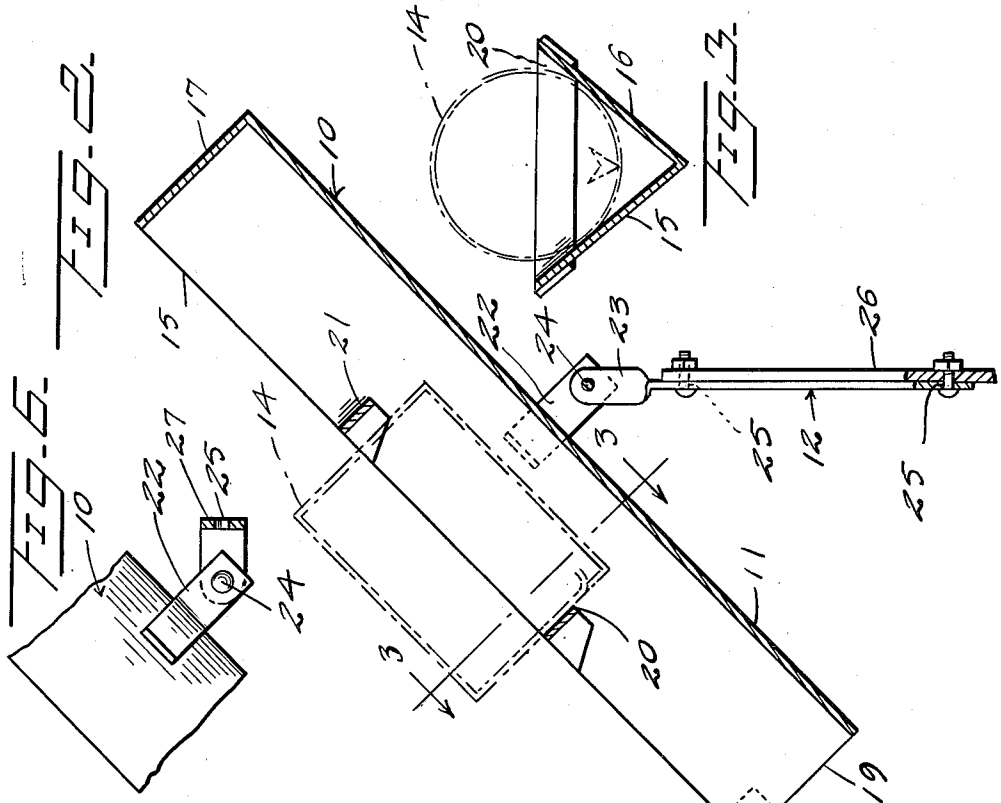
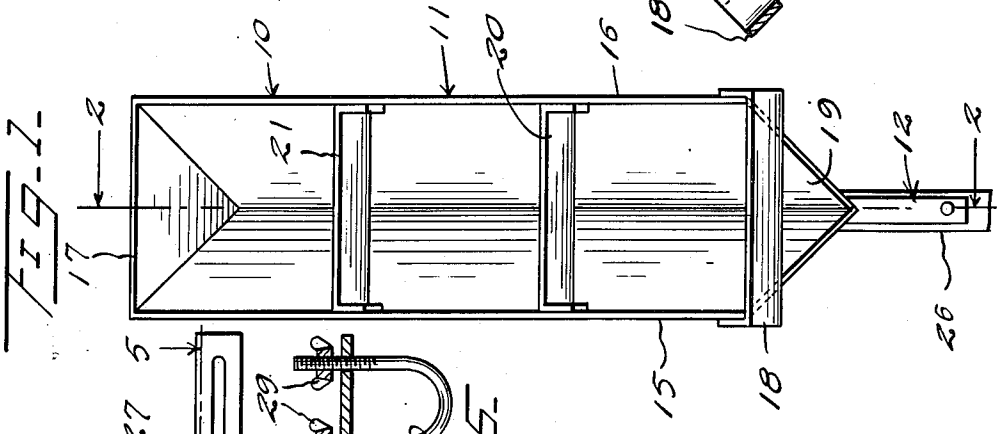
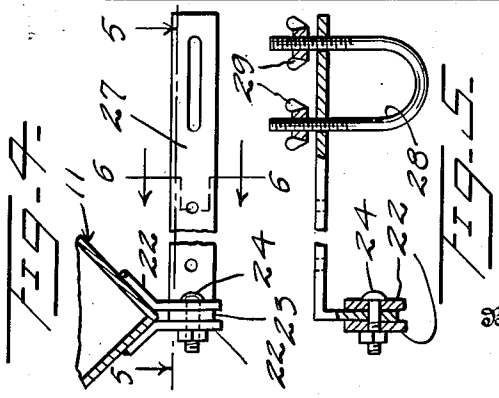
March 4, 1952 M. F. SMITH 2,587,779

OIL CAN DRAIN RACK

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OIL CAN DRAIN RACK

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1 Claim. (Cl. 222—112)

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This invention relates to drain racks for receptacles and more particularly to drain racks for oil cans and the like to support the oil cans while they are draining the last few drips of oil.

In the use of oil cans in gas stations, garages and other service stations, it is customary to dispense oil to the consumer from small cans of from one quart up to five quart capacities. The oil is delivered to the engine crank case by piercing the oil cans and draining the oil directly into the crank case. The oil being quite thick adheres to the walls of the cans and complete drainage would take up very much time. The customers are generally unwilling to wait for the complete drainage since the wait only is rewarded by a very small amount of extra oil. Therefore when the oil cans are set aside after servicing an engine, a small amount of oil will drain to the bottom after a time while the discarded cans are lying about the service station. Since a large number of such cans are used about service stations the accumulation of the drippings of these cans amounts to a sizable amount and it has been found economically feasible to collect these drippings.

It is an object of this invention to provide a rack or support for such oil cans so that the oil remaining in the oil cans may be drained into a receptacle.

Another object of this invention is to provide an oil can drain rack which is of a simple construction and may readily be adopted to drain various sized oil cans into any one of a variety of collecting receptacles.

To the foregoing objects, and others which may hereinafter more fully appear, the invention consists of the novel construction, combination and arrangement of parts, as will be more specifically referred to and illustrated in the accompanying drawings, but it is to be understood that changes, variations, and modifications may be resorted to which fall within the scope of the invention as claimed.

In the drawings:

Figure 1 is a front elevation of an oil can drain rack constructed according to an embodiment of my invention.

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

Figure 3 is a vertical section taken on the line 3—3 of Figure 2.

Figure 4 is a fragmentary section of a modified support for the drain rack.

Figure 5 is a horizontal section taken on the line 5—5 of Figure 4.

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Figure 6 is a vertical section taken on the line 6—6 of Figure 4.

Referring to the drawings the numeral 10 designates generally an oil can drain rack constructed according to an embodiment of my invention. The drain rack 10 comprises a trough 11 and support or standard 12 to hold an oil can 14 while it is being drained of the last few remaining drops of oil.

The trough 11 is formed of a pair of walls 15 and 16 joined at their lower ends to form a V-shaped trough 11. An end wall 17 is fixed to the ends of the side walls 15 and 16 to close the end of the trough 11, and the other ends of the trough 11 are held together by an elongated flat metal strip or brace 18 fixed to the sides 15 and 16 at their upper edges in such a manner to form a V-shaped opening 19 at this end of the trough 11.

Other flat elongated strips as 20 and 21 are provided across the trough 11 intermediate the length thereof to form supporting bars or members for supporting an oil can 14 in the rack 10.

A pair of apertured ears 22 are fixed to the sides 15 and 16 of the trough 11 midway between the ends thereof to fasten the trough 11 to a supporting member 12. The supporting member 12 is formed of an elongated flat strip of metal formed at one end with an apertured lug 23 to engage between the ears 22 and a bolt, as 24, fastens the lug 23 and ears 22 together so that the trough 11 may be positioned at any selected vertical angle to the support 12. The support 12 is formed with vertically spaced apart openings 25 in order that the support 12 may be fastened by bolts, or other suitable fastening devices to a standard, as 26, or other suitable means for supporting the rack 10.

As a means for fixing the rack 10 to a vertical support I have shown a support 12 in Figures 1 and 2. In Figures 4 to 6 I have shown a support 27 with the lug 23 bent at right angles thereto for supporting the rack to a support horizontally. A U-bolt 28 having wing-nuts 29 may be used to fix the support 27 to a standard as 26.

The exact configuration illustrated is regarded as the optimum, but some of the desirable results inherent in this disclosure may be obtained by various slight modifications including some departure from the exact configuration shown, and it is therefore requested that the scope of the invention should be regarded as limited only by the terms of the claim.

Having thus described my invention, what I claim is:

A drain rack comprising a V-shaped trough open at one end thereof, a pair of transverse flat elongated receptacle supporting strips intermediate the length thereof spaced from the apex of said trough, a pair of downwardly extending apertured spaced apart ears fixed below said trough midway of the length thereof, an elongated L-shaped drain rack supporting bar, means pivotally connecting one leg of said L-shaped supporting bar between said ears for adjusting the angular disposition of the length of said trough relative to said supporting bar, and locking means associated with the pivotal connection for locking said trough in a selected angularly adjusted position.

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