

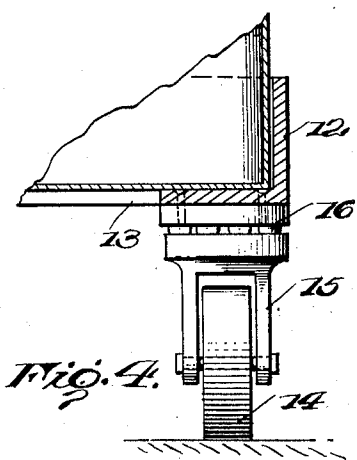
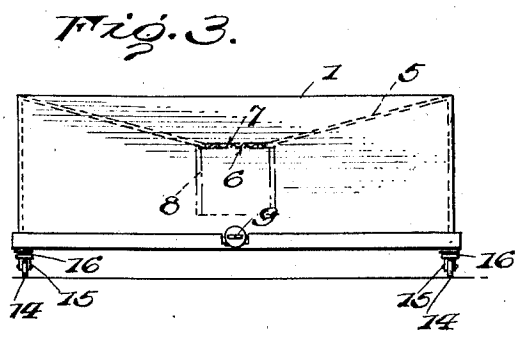
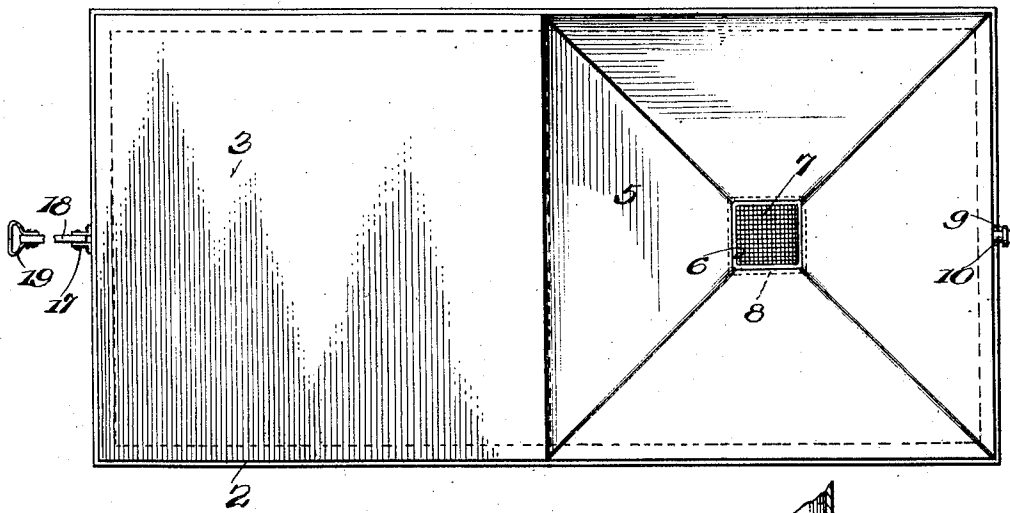
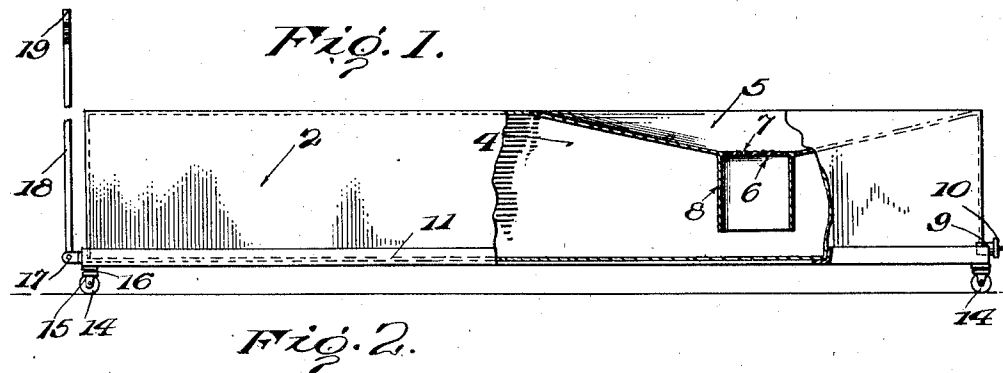
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1,554,589

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PORTABLE OIL DRAIN PAN

Filed March 16, 1925



WITNESSES

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UNITED STATES PATENT OFFICE.

LEONARD D. LONG, OF CHARLESTON, SOUTH CAROLINA.

PORTABLE OIL-DRAIN PAN.

Application filed March 16, 1925. Serial No. 16,076.

To all whom it may concern:

Be it known that I, LEONARD D. LONG, a citizen of the United States, and a resident of Charleston, in the county of Charleston and State of South Carolina, have invented certain new and useful Improvements in Portable Oil-Drain Pans, of which the following is a specification.

This invention relates to portable drain pans and has for its object the provision of a device which may be readily transported from place to place to receive the spent oil from crank cases so that it will not be necessary for the owner of a car to drive the same to a garage or other place for the purpose of removing the oil.

A further object of the invention is the provision of a device which may be readily and easily placed beneath the crank case of a car to receive the spent oil of the crank case, the device being equipped with a funnel for directing the oil to the tank and a baffle adjacent the funnel to prevent splashing of the oil when the tank is being transported.

This invention will be best understood from a consideration of the following detailed description, in view of the accompanying drawing forming a part of the specification; nevertheless it is to be understood that the invention is not confined to the disclosure, being susceptible of such changes and modifications which shall define no material departure from the salient features of the invention as expressed in the appended claims.

In the drawings:

Figure 1 is a side view of the portable tank.

Figure 2 is a plan view of the same.

Figure 3 is a rear end view of the tank.

Figure 4 is a fragmentary vertical section showing a detail of the frame and rollers.

Referring more particularly to the drawings, the tank consists of a container 1 shown as rectangular and preferably an oblong in shape having its front portion 2 covered with a flat top as 3. The rear half portion of the container has a depressed cover defining a funnel 5 and is secured in any approved manner to the upper edges of the rear end wall and of the side walls beyond said cover 3. The apex of the funnel which is eccentrically disposed with respect to the top of the container has an opening 6 to

direct the spent oil of a crank case to the interior of the tank.

A screen 7 is secured across the opening through which the oil is poured to remove foreign particles and act as a guard to prevent tools from falling into the tank.

A baffle comprising a plurality of plates 8 is secured at the apex of the funnel and depends below opening 6 and wholly surrounds said opening to prevent splashing of the oil when the tank is conveyed from one place to another. The baffle terminates above the base of the tank to permit the oil to flow to all parts of the tank and to be drained from said tank when a cap or plug 9 is removed from the drain pipe 10 located at the rear of said container at substantially the level of the bottom thereof, the pipe 10 being seated in an opening in the rear cross bar of the frame. The baffle is preferably rectangular in cross section but may be of any configuration desired.

The container is removably supported on a frame generally designated by the numeral 11 and made of angle iron construction. The side bars 12 and the front and rear end bars 13 forming the frame are secured together in any approved manner, or they may be made in a single bar and then bent to shape.

Rollers 14 mounted in brackets 15 which are secured to the frame, support said frame for transportation. The frame is swiveled to the plate 16 and a ball bearing is disposed between the plate and bracket to facilitate conveyance.

The forward end of the frame has projecting ears 17 between which is pivoted a tongue 18 having a hand grip 19, the tongue being of material length whereby the container can be readily shoved under the car either from the front or side to properly position it beneath the crank case, and to otherwise manipulate the device.

Two rollers or casters are located at the rear of said tank and preferably a single roller or caster is positioned below that portion of the frame to which is adjacent the tongue 18.

I claim:—

1. A portable oil container consisting of an oblong covered pan having portions of the cover sloping inwardly to define a funnel, an opening at the apex of said funnel eccentrically disposed in said cover, a plurality of plates depending from the cover

and wholly surrounding the apex opening and constituting baffles therefor, the said plates terminating above and free from the bottom of the pan, a reticulated guard plate
5 in the apex opening, a drain plug inserted in one end of the pan at substantially the level of the bottom thereof, said container removably mounted within an angle iron

roller truck frame, and a draft tongue of material length at one end of said truck 10 frame.

2. A device as set forth in claim 1, the angle iron frame having an opening in one end adapted to receive the drain plug to additionally anchor the pan in the frame.

LEONARD D. LONG.