Feb. 11, 1964 S. DE LOS COULTMAN ETAL 3,120,911

SPOUT FOR USED OIL PAILS

Filed May 10, 1961

Fig. 1

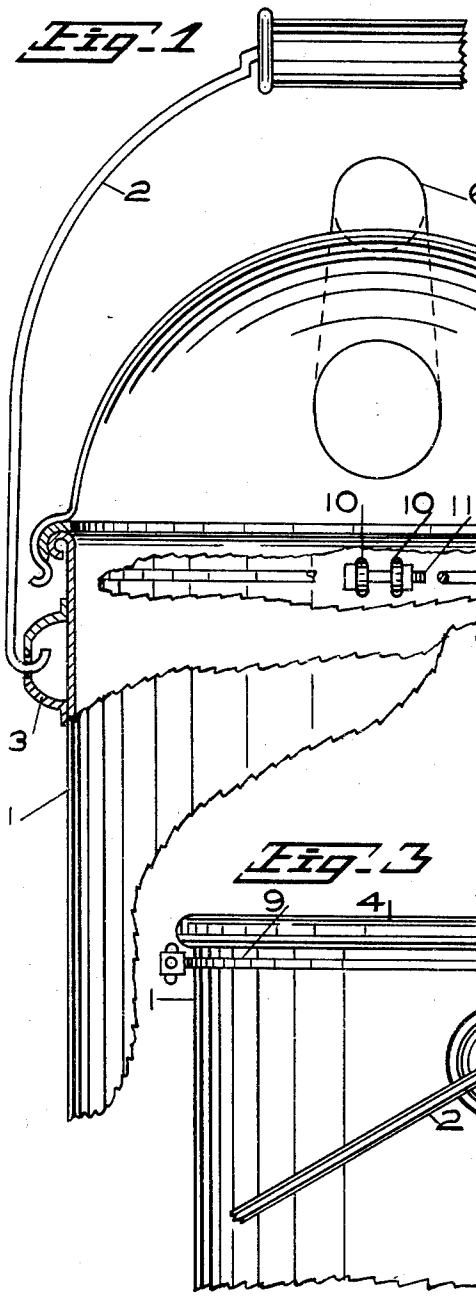


Fig. 2

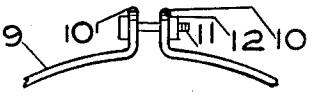
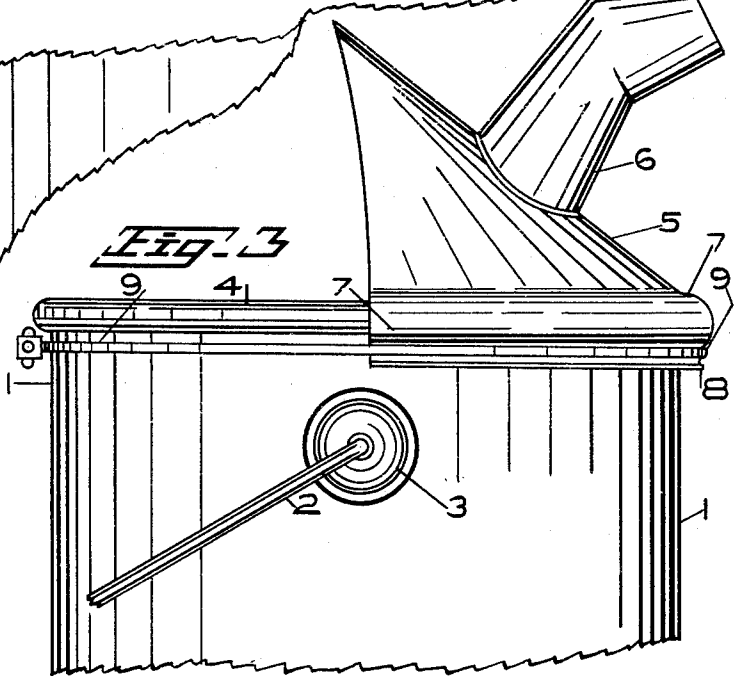


Fig. 3



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SPOUT FOR USED OIL PAILS

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1 Claim. (Cl. 222—542)

This invention relates to oil pails and has reference to a pouring spout for attachment on the pail after the pail lid has been removed.

In the art to which the invention relates oil pails are usually in the form of five gallon containers having a handle and a lid. After the oil has been used the pail is comparatively useless with its present lid owing chiefly to the difficulty of re-filling the pail.

The present invention is concerned with converting these used oil pails to practical use by removal of the pail lid and attachment in its place a pouring spout.

This spout consists of a hood with outlet spout fixed in the hood and the lower marginal portion of the hood formed with a groove conforming to the rounded upper edge or bead of the pail and fitted with a gasket. The hood is attached on the pail by a heavy gauge wire drawn together at the ends by a bolt engaging eyes in the wire ends.

In the drawings, illustrating a preferred embodiment of the invention,

FIG. 1 is a rear view of the oil pail with a spout in accordance with our invention, shown with the body of the pail largely broken away and the handle broken away in part, and with parts of the pail in section.

FIG. 2 is a detail side view of fragments of the spout attaching wire with clamping bolt.

FIG. 3 shows a side view of the pail with the spout attached, shown with the lower part of the pail and the handle broken away.

Having reference to the drawings **1** indicates the pail body, which includes a handle **2** engaging attaching cups **3** fixed to the pail, as is common in the art. The lid of the pail has been removed and this leaves a rolled edge or bead **4** around the pail rim.

The attachable spout consists of a hood **5** with pouring spout **6** fixed in a suitable opening in the hood, the hood covering approximately one half of the pail top. The lower edge portion of the hood is rolled, as at **7**, complementary to and engageable over the bead **4**, and this rolled edge portion terminates in an annular outwardly turned

groove portion **8** for engagement by an attaching wire **9**.

The wire **9** is of heavy gauge and terminates in end portions **10** turned back to form eyes in which a bolt **11** is insertible for drawing the attaching wire tightly engaging the hood and under the bead **4**, the bolt being tightened by a nut **12**.

The attachment between the hood and bead **4** is secured against leakage by a gasket **13**, preferably of a non-hardening plastic compound.

In the use of the device the lid of the pail is first removed and the spout hood is set in place, as shown in FIGURE 3, and secured by the clamping wire **9** tightened thereon by the bolt and nut **11** and **12**. This converts the pail for useful purposes and provides a handy size pail that is particularly useful on farms, but is desirable for a multitude of other uses. The lid may also be left on the pail if desired.

In case of damage to the pail the spout can easily be removed for attachment on a fresh pail. The spout is preferably made of galvanized iron for longer wear.

What is claimed is:

In a spout for mounting on a used oil pail from which the lid has been removed, said oil pail having an annular, outwardly rolled rim forming a bead of circular cross-section, said spout having a hood forming a partial cover for the pail, and an annular gasket for interposition between the hood and the rim; spout mounting structure comprising a lower marginal portion on said hood, comprising a radially inwardly facing groove of circular cross-section, complementary to the bead on the pail, and providing space for the insertion of said gasket between the bead and the groove when the bead and groove are matingly connected, an outwardly faced groove below said inwardly flared groove and connected thereto in tangential relation, a clamping wire dimensioned to embrace the hood in said outwardly facing groove and the portion of the pail below the bead and not covered by the hood, and means engageable with the wire ends for drawing the wire tight around hood and pail for securing them together.

References Cited in the file of this patent

UNITED STATES PATENTS

200,976	Campbell	Mar. 5, 1878
2,047,242	Young	July 14, 1936
2,200,642	Shell	May 14, 1940
2,786,614	Guisto	May 16, 1957