To all whom it may concern:

Be it known that I, Daniel B. Tamagno, a citizen of the United States of America, residing in New York city, in the borough of Manhattan, county and State of New York, have invented a new and useful Improved Spout-Closure for Cans, of which the following is a specification.

This invention relates to a rocking device charge spout for cans, so arranged that when in normal depressed non-pouring position outlet from the can is closed when the spout is rocked into pouring position it is placed in communication with the interior of the can. Furthermore the rocking spout is located in a counterstrik or pocket in the top or side of the can and when in normal operative position is depressed below or flush with the side or wall of the can.

The invention consists in certain details of construction hereinafter set forth.

In the accompanying drawing: Figure 1, is an elevation of the upper portion of a cylindrical can, partly broken away, showing the device in section, on the line A B of Fig. 2; Fig. 2, a top plan view with the spout in retracted or closed position; Fig. 3, an enlarged section on line C D of Fig. 1; Fig. 4, an enlarged section on line E F of Fig. 1; Fig. 5, a vertical sectional view of a modified form of the device; and Fig. 6, a partial sectional view on line G H of Fig. 5.

1 indicates a can into a wall of which is received a spout 2 housed in a pocket 3, comprising the two side parts 4 and 5 joined by a soldered lap joint 6 along the center line. The spout 2 is likewise composed of two die formed parts 7 and 3 joined and soldered by a lap seam 9 along the center line thereof.

The spout has formed at one end a cylindrical portion 10 the axis of which is at right angles to the tube or spout proper and the ends of the cylindrical portion 10 are closed but are provided with openings 11, 11. Cupped recesses or sockets 12, 13 are formed in the sides 4 and 5 of pocket 3 and serve as bearing for the ends of the cylindrical portion 10 of spout 2. Interposed between the ends of the cylindrical portion of the spout and the recesses 12 and 13 are shallow cup-shaped washers 14, 15 composed of leather or other suitable material.

Openings 16, 18 are provided in the end walls of sockets 12, 18 of the pocket and are adapted to register with the openings 11, 11 in the ends of cylindrical portion 10 of the spout when the latter is in the open or pouring position shown by dotted lines in Fig. 1 and in full lines in Fig. 4. The openings 16, 18 in sockets 12 and 18 are formed with inwardly projecting edges 17, 17, that fit snugly in corresponding holes provided in washers 14, 15 but said edges are of less height than the thickness of the washers.

In practice the parts 7 and 8 of the spout are assembled and the joint 9 closed with solder or otherwise and the cupped washers 14, 15, are pressed into the sockets 12 and 13, care being taken to have the projecting edges 17, 17, of holes 16, 16 fit into the holes provided in the washers. The ends of the cylindrical portion 10 of spout 2 are seated in the cupped washers 14, 15 and the two parts 4 and 5 of pocket 3 are pressed tightly together against the spout and so held until the lap joint 6 has been securely sealed with solder or otherwise. The assembled pocket and spout are slipped into a suitable aperture in the top or side of the can and a soldered joint 18 made between the flange 19 of pocket 3 and the can.

From Figs. 1 and 3, it will be seen that exit of any liquid in the can, will be prevented when the spout 2 is in its retracted or nested position, as in this position the holes 11, 11 in spout 2 are out of register with the holes 16, 16, in the pocket 3 and the washers 14, 15 will form a seal between the two sets of holes. When, however, the spout 2 is rotated to the dotted position in Fig. 1 and full line position of Fig. 4 the holes 11, 11 in it and holes 16, 16, in pocket 3 are in register and liquid contained in the can may be caused to flow through the spout.

Figs. 5 and 6 show a modification. Bearings or seats 24 and 25 are provided in the side parts 4 and 5 of pocket 3 and an enlarged concentric seat 26 is formed in its end to receive a washer 25. An aperture 22 is provided in the seat 26 and formed with projecting edges 23 over which an opening in washer 25 fits. The cylindrical portion 10 of spout 2 is provided with a corresponding opening 21 designed to register with the aperture 23 when the spout is in the extended position shown in full lines...
in Fig. 5, and to be out of register when the spout is in its nested or closed position shown by dotted lines in Fig. 5 and full lines in Fig. 6.

Any suitable means, not shown, may be used to seal the spout in its nested position until received by the purchaser, such for instance as a piece of thin tin soldered across the pocket 3 directly over the spout 2.

It will be understood that the location of the pocket and spout is not confined to the top of the can. There may be permanent connection between the rotative part of the spout and the interior of the can in which the ordinary cock should be placed in the spout.

I claim:

1. A can having a chamber recessed in one of its walls said chamber having in opposite walls circular concentric bearing surfaces with apertures therein, combined with a spout having a cylindrical portion whose axis is at right angles to the spout and coincident with that of said bearing surfaces and which has in its closed ends apertures that are cut off from the apertures in the bearing surfaces when the spout is turned within the chamber and are open thereto when the spout is turned to pouring position.

2. A can having a chamber recessed in one of its walls said chamber having in opposite walls circular concentric bearing surfaces with apertures therein, combined with a spout having a cylindrical portion whose axis is at right angles to the spout and coincident with that of said bearing surfaces and which has in its closed ends apertures that are cut off from the apertures in the bearing surfaces when the spout is turned within the chamber and are open thereto when the spout is turned to pouring position.

In testimony whereof, I have hereunto subscribed my name.

DANIEL B. TAMAGNO.

Witnesses:
LAURA E. SMITH,
L. L. BROWNING.