C. I. SWEET.

MILK CAN ATTACHMENT.

APPLICATION FILED MAY 5, 1921.

1,436,211. Patented Nov. 21, 1922.

Fig. 1

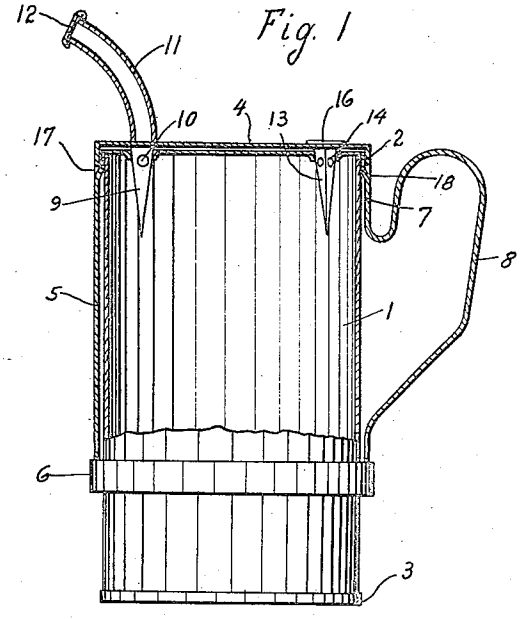
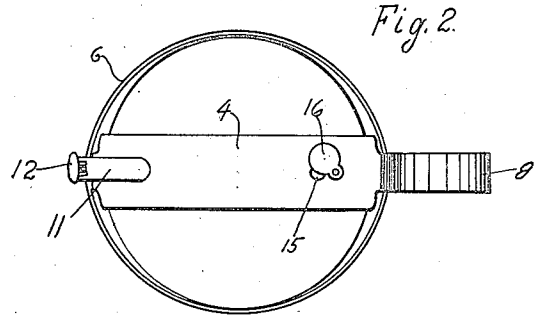


Fig. 2.



INVENTOR.

Clifford I. Sweet.

BY Walter N. Haskell,

his ATTORNEY.

Patented Nov. 21, 1922. 1,436,211

UNITED STATES PATENT OFFICE.

CLIFFORD I. SWEET, OF STERLING, ILLINOIS.

MILK-CAN ATTACHMENT.

Application filed May 5, 1921. Serial No. 467,189.

To all whom it may concern:

Be it known that I, CLIFFORD I. SWEET, a citizen of the United States, residing at Sterling, in the county of Whiteside and State of Illinois, have invented certain new and useful Improvements in Milk-Can Attachments, of which the following is a specification.

My invention relates to milk-can attachments, and has for its purpose to provide a convenient holder and discharge means for cans containing condensed milk and similar liquid contents. It is more specially designed for use with cans containing condensed milk or cream which are commonly found in the markets, and which possess a uniform size and shape.

One of the purposes of the invention is to provide a simple and inexpensive frame, which can be quickly attached to a milk can, so as to be secured against accidental release therefrom, such frame being provided with a handle, so as to convert the can into a pitcher.

Another purpose of the invention is to provide an outlet for the contents of the can, which will automatically furnish a discharge means for the contents of the can, upon the device being attached to a can. Such discharge means is of such a character as to thoroughly drain the can.

Another purpose of the device is to provide in connection with said discharge means an air inlet or vent, also provided with means for being automatically placed in communication with the interior of the can, upon the device being attached thereto.

The above-named, and other features and advantages of the invention will be more fully apprehended from the following specification, reference being had to the accompanying drawings, in which:

Fig. 1 is a side elevation, partly in section, of a can with my invention attached thereto.

Fig. 2 is a plan view thereof.

1 represents a can of usual construction, provided at top and bottom with rims 2 and 3. 4 is a metal bar, adapted to extend across the top of the can, and connected by an arm 5 with a ring 6, encircling the can at a point above the bottom thereof. At the opposite end of the bar 4 is a downwardly projecting arm 7, formed into a handle 8, the lower end of which is attached to the ring 6.

Near its forward end the bar 4 is provided with a punch 9, hollow near its upper end, and provided with openings 10 in its several faces. Communicating with the punch 9 is a spout 11, provided at its outer end with a hinged cap 12, which prevents the air from entering the can when it is not in use. The punch 9 is angular in cross-section, which results in the cutting of a clean hole in the top of the can when the punch is forced into the same. This prevents leakage of the contents of the can round the punch, as might occur with the use of a round punch, which frequently leaves a ragged edge. The holes 10 are provided as near to the upper end of the punch as is practical, so that when the can is in an inverted position, the entire contents will be drained therefrom.

Near the rear end of the bar 4 is a similar punch 13, provided with openings 14, communicating with a vent 15 in the bar 4, normally closed by a shutter 16, pivoted on the bar. Near the upper end of the arm 5 is a catch or locking tongue 17, formed by striking a small portion of the arm inwardly, and the arm 7 is provided with a similar catch or locking tongue 18. When the device is in position on a can, as shown in Fig. 1, such catches engage the edge of the rim 2 of the can, and hold the frame against accidental release therefrom. The application of a little force will release such catches.

The device is attached to the can by slipping the ring 6 downwardly over the same until the punches 9 and 13 come in contact with the top of the can, and then forcing the same into the top until the bar 4 is fully seated. By opening the shutter 16, and tipping up the can the contents will flow outwardly through the spout 11. The cap 12 on the end of the spout will automatically open or close, as the can is tipped forwardly or the reverse.

The ring 6 is spaced from the bar 4 a sufficient distance to allow for a handle 8 of suitable proportions.

What I claim as my invention, and desire to secure by Letters Patent, is:

1. A device of the class described comprising a frame to be engaged over a can having an end rim, said frame consisting of a bar adapted to be disposed over said end of the can, a member to extend around the can inwardly of said end, arms connecting the bar and the member, outlet and inlet punch devices carried by the bar, said arms ad-

jacent the bar being provided with tongues engageable with the adjacent end rim of the can for holding the frame in applied position.

2. A device of the class described comprising a frame to be engaged over a can having an end rim, said frame consisting of a bar adapted to be disposed over said end of the can, a member to extend around the can inwardly of said end, arms connecting the bar and the member, outlet and inlet punch devices carried by the bar, said arms adjacent the bar being provided with tongues engageable with the adjacent end rim of the can for holding the frame in applied position, said tongues being disposed toward the end of the can over which the bar of the frame is disposed.

In testimony whereof I affix my signature.

CLIFFORD I. SWEET.