C. S. WHIPPLE.

CAN.

APPLICATION FILED NOV. 21, 1910.

1,084,306.

Patented Jan. 13, 1914.

FIG. 5

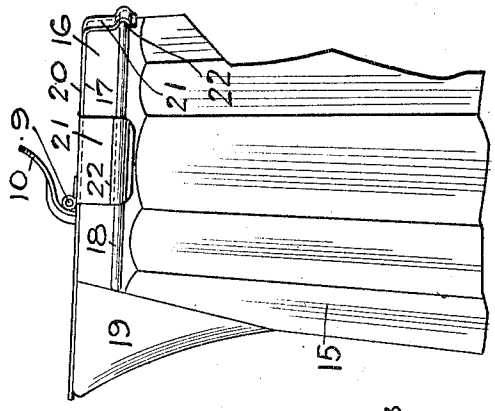



FIG. 6

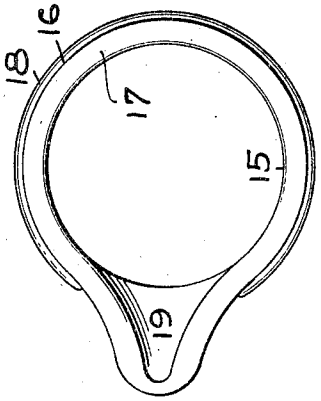



FIG. 2

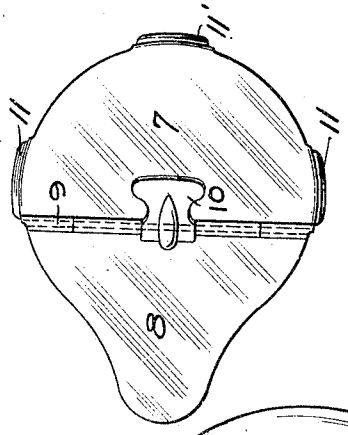



FIG. 3

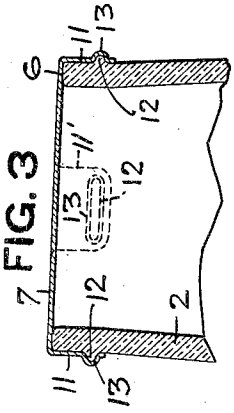



FIG. 4

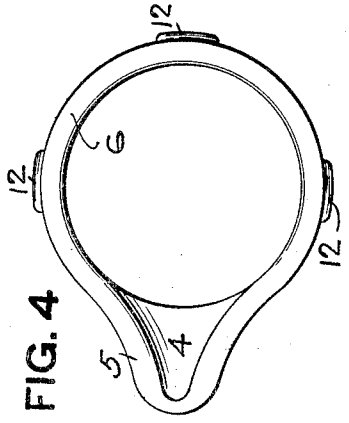
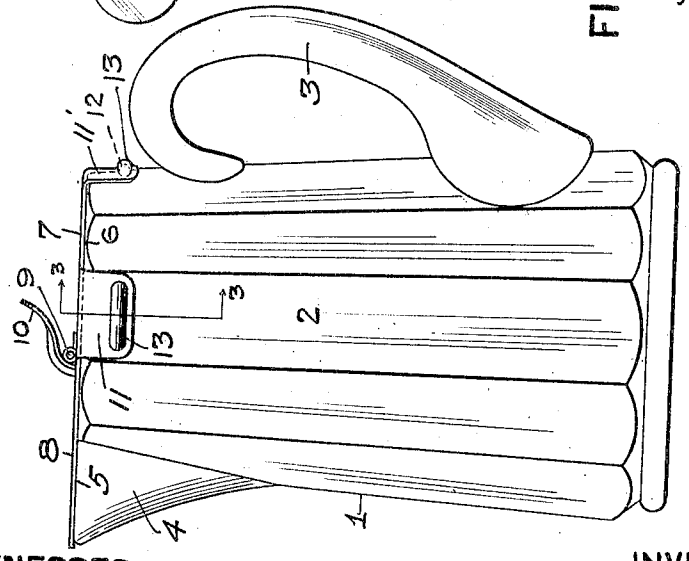



FIG. 1




WITNESSES.

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INVENTOR.

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# UNITED STATES PATENT OFFICE.

CLYDE S. WHIPPLE, OF NEWARK, OHIO, ASSIGNOR, BY MESNE ASSIGNMENTS, TO A. H. HEISEY & CO., OF NEWARK, OHIO, A COPARTNERSHIP.

## CAN.

1,084,306. Specification of Letters Patent. Patented Jan. 13, 1914.

Application filed November 21, 1910. Serial No. 593,418.

*To all whom it may concern:*

Be it known that I, CLYDE S. WHIPPLE, a resident of Newark, in the county of Licking and State of Ohio, have invented a new and useful Improvement in Cans; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to tableware and more particularly to cans, jugs or pitchers, especially the kind used for carrying molasses, syrup or the like. Its main object is to provide a can of this nature of sanitary construction having a top or cover which can be readily removed from the main body or pitcher portion of the can, readily cleaned and readily reattached thereto. In a can of this nature, which is especially designed to carry molasses or like viscous and sticky liquids, it is important that none of the metallic parts of the cover employed be arranged within the pitcher portion or spout, as such a construction is unsanitary on account of the fouling of the cover by the sticky liquid and consequent collection of germs and corrosion of the metal cover. It is also desirable that the can have a flat top or cover so that it will present an appearance in conformity with the prevailing commercial demand, and will also afford conveniently a large outlet in pouring.

To these ends my invention contemplates, generally, a can of the character above specified, comprising a pitcher or body portion provided preferably with a substantially flat top or neck portion, and a cover extending across the same having a plurality of depending spring clips embracing the exterior of the pitcher top, said pitcher top portion and said clips being mutually provided with a registering groove and bead connection to effectively hold the cover in place.

In the accompanying drawings, I have illustrated two preferred embodiments of my invention in which the pitcher or can body portion is provided with an interrupted bead or series of bears, and with a continuous bead extending around its top respectively, and in which the cover has clips provided with pockets or depressions to engage with said beads or bead, respectively. In another application of even date herewith, Serial No. 593,419, I have illustrated a modified form of can in which the pitcher or body portion is provided with a groove or grooves and the tapering clips are provided with inwardly extending beads.

In the said accompanying drawings Figure 1 is a side view of a can illustrating the preferred form of my invention. Fig. 2 is a plan view of the can top or cover shown in Fig. 1. Fig. 3 is a detail fragmentary vertical cross section on the line 3—3 Fig. 1, and Fig. 4 is a detail plan view of the top portion of the pitcher with the cover removed. Fig. 5 is a side view partly broken away of a can illustrating the modification above referred to and Fig. 6 is a detail of the same similar to Fig. 4.

The can 1 illustrated in Fig. 1 comprises a body portion or pitcher 2 of glass or like hard and incompressible material of any suitable form, that illustrated having a handle 3 and a pouring spout 4, the top face 5 of which is in substantially the same horizontal plane as the top face 6 of the body portion 2 in the can illustrated.

The cover or can top 7 extends, as shown, horizontally across the top 6 of the pitcher portion 2, and is provided preferably with the pouring spout 8 extending when closed in substantially the same plane as the main cover portion 7 and across the top 5 of the pouring spout 4. The spout portion 8 of the cover 7 is hinged thereto at 9, the pivot connection or hinge 9 preferably embodying a spring (not illustrated) to hold the spout portion 8 down and is provided with a thumb handle 10 to assist in opening the same in pouring. It will be understood, however, that the above described construction of parts may be modified widely, as is well understood in the art, without interfering with the essential features of my invention, as specified below.

The top or cover 7 has the depending clips 11 preferably integral therewith and preferably formed of resilient metal so as to tightly embrace the top 6 of the body portion 2 and fasten over the beads 12 arranged around the same near its top. Each depending clip 11 is provided with a pocket or groove 13 which fits over the corresponding bead 12 of the pitcher 2, and thereby securely holds the cover 7 in place, preventing sidewise or longitudinal displacement, as well as accidental removal from the pitcher. As illustrated, three depending clips are provided, one, the clip 11′, being

arranged at the rear of the cover, although it is obvious that the number may be varied as found convenient, a plurality, however, being necessary to hold the cover in place. The beads 12 form in effect an interrupted bead extending around the neck of the pitcher 2 and arranged a space below its top margin 6, so that the pockets 13 are necessarily near the lower end of the spring clips 11. This construction provides in effect a long lever arm in each clip 11 against sidewise lifting of the cover, so that the cover is held very firmly in place. A cover of this nature has the advantage of extreme lightness as well as an ornamental appearance, and cannot be displaced or twisted on the can body portion by any ordinary blow received in use. It can be quickly removed for cleaning, although such cleaning will be infrequently necessary, on account of the large spout and the absence of interior metallic projections or like parts subject to corrosion and fouling by the liquid contents.

Figs. 5 and 6 illustrate a modification in which the glass or china can body portion 15 is provided with the smooth band 16 about its neck portion or top 17. The can proper or pitcher 16 has a continuous bead or corrugation 18 extending around the same to the pouring spout 19 on each side thereof. The cover 20 is preferably of similar construction to the cover 7 described above. It has, however, depending spring clips or clamps 21 each provided with a groove or channel 22 adapted to fit or clamp over the bead 18 and thereby extend completely across the clip 21 instead of forming preferably a pocket in such clip as illustrated and described in Figs. 1 to 4. By providing a sufficient number of depending clips 21, I have found that the gripping action of the same suffices to hold the cover or top 20 in place on the body or pitcher portion 15, as the groove 22 and bead 18 have a very close engagement due to the resilient nature of the depending metallic clips 21.

What I claim is:

1. A pitcher or the like having a spout or nozzle and a top or cover composed of a stationary member and a movable member hinged together, the movable member having a radial extension over the spout, and the stationary member having an integral downwardly projecting flange partially encircling the pitcher rim through and ending in substantially a half circle, the flange having an opening that terminates near each end thereof, and the pitcher having a lug entering said opening and engaging the end wall thereof, whereby the cover is restrained from circular movement and movement in a direction to disconnect it from the pitcher.

2. A pitcher or the like having a spout or nozzle and a top or cover composed of a stationary member and a movable member hinged together, the movable member having a radial extension over the spout, and the stationary member having an integral downwardly projecting flange partially encircling the pitcher rim through and ending in substantially a half circle, the flange having an opening that terminates near each end thereof and near the center of the flange, and the pitcher having a lug entering said opening and engaging the end walls thereof, whereby the cover is restrained from circular movement and movement in a direction to disconnect it from the pitcher.

3. A pitcher or the like having a spout or nozzle and a top or cover composed of a stationary member and a movable member, the movable member having a radial extension over the spout, and the stationary member comprising a downwardly projecting flange partially encircling the pitcher rim in rear of the spout, the pitcher rim having a circumferentially extending elongated lug that is received by and interlocks with a circumferentially extending opening in said flange and pitcher rim and flange having at the extremities of the opening overlapping surfaces that prevent movement of the cover in a circular direction.

4. A pitcher or the like having a spout or nozzle, and a top or cover composed of a stationary member, and a movable member hinged together, the movable member being adapted to extend over and cover the spout, and the stationary member having an integral downwardly projecting portion partially encircling the rim of the pitcher at the back, said portion and rim being adapted to fit snugly together and one of said parts having a shoulder and the other having a projection adapted to engage said shoulder, whereby the cover may be secured to the pitcher by slipping the same over from the rear, and whereby said shoulder and projection restrain the cover from circular movement in either direction, and from movement in a direction to disconnect it from the pitcher.

In testimony whereof, I the said CLYDE S. WHIPPLE have hereunto set my hand.

CLYDE S. WHIPPLE.

Witnesses:
RAY MARTIN,
MAUDE BOTTS.