M. M. MARCUSE.

REVERSIBLE POURING SPOUT FOR CANS.

APPLICATION FILED JAN. 15, 1913.

1,114,011. Patented Oct. 20, 1914.

Fig. 1

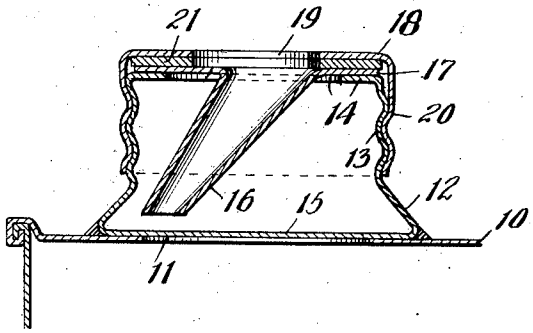


Fig. 3

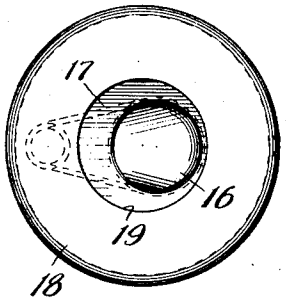
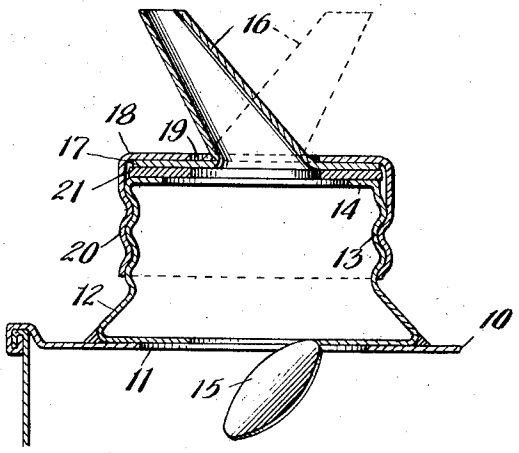


Fig. 2



Witnesses:

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By Munday, Evarts, Adcock & Clarke,
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UNITED STATES PATENT OFFICE.

MOSES M. MARCUSE, OF NEW YORK, N. Y., ASSIGNOR TO WEST DISINFECTING COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

REVERSIBLE POURING-SPOUT FOR CANS.

1,114,011. Specification of Letters Patent. Patented Oct. 20, 1914.

Application filed January 15, 1913. Serial No. 742,107.

To all whom it may concern:

Be it known that I, MOSES M. MARCUSE, a citizen of the United States, residing in New York, in the county of New York and State of New York, have invented a new and useful Improvement in Reversible Pouring-Spouts for Cans, of which the following is a specification.

This invention relates to improvements in reversible pouring spouts for cans.

An object of the invention is to provide a pouring spout for cans or other forms of containers, which may be reversed or placed within the nozzle during shipment, and which will not become soiled or contaminated by the contents of the can during shipment.

Other objects will be more particularly explained hereinafter, and apparent from the following description.

In practice, when cans or other containers provided with pouring spouts for the liquid contents are shipped or transported, it is highly desirable that the pouring spout be made reversible so that the same will be inclosed within the nozzle usually found on the can, and thereby protected from injury. In transporting certain classes of liquids, such, for instance, as those used for disinfectants, it is also important that the pouring spouts be kept free from contact with or contamination from the liquids, so that the user will not have his hands soiled while reversing the spout and placing the same in position for pouring.

To accomplish the above indicated desirable results, I provide the can or other form of container with a nozzle having an imperforate bottom, secured in position over the usual opening found in the top of the can, said imperforate bottom being of light enough material to enable the same to be easily cut or broken with a sharp instrument, and a reversible spout, the height of which is less than the height of the nozzle, adapting the same to be reversed and held, during shipment, within the nozzle in the space above the imperforate bottom, the spout being held in place by means of a threaded screw cap.

In the drawing forming a part of this specification, Figure 1 is a partial, sectional view of a can showing my improvements in connection therewith, the pouring spout being shown in reversed position within the nozzle. Fig. 2 is a view similar to Fig. 1, showing the spout in position ready for pouring, and showing also the manner of breaking the seal formed by the imperforate bottom of the nozzle. The dotted lines in Fig. 2 show also the manner of adjusting the spout so that the contents may be poured off in different directions, and Fig. 3 is a plan view of the nozzle and spout when arranged as shown in Fig. 1.

In the drawing, the body of the can or container is designated by the reference 10, and as usual is provided with a pouring opening 11 over which is secured, by solder or otherwise, a nozzle 12, having a screw threaded extension 13, perforated top 14 and an imperforate bottom 15, the latter being of light enough material adapted to be easily broken or perforated, as shown in Fig. 2. The reversible spout 16, as shown, is provided with a circular flange 17 at its base, the spout 16 being eccentrically arranged relatively to the base and angularly disposed thereto. A screw cap 18, having a perforated top 19 and a depending threaded flange 20 serves to hold the spout in either of its positions, and in order to form a more perfect seal between the parts, an annular sealing disk 21 is secured in place between the flange of the spout and the top of the nozzle. As clearly shown in the drawing, the overall height of the pouring spout is less than the height of the nozzle, thereby adapting the spout to be contained entirely within the nozzle when the spout is in reversed position.

From the foregoing description, it will be seen that during shipment, the contents are prevented from coming in contact with the pouring spout because of the imperforate base or seal 15, but when the spout is to be used, the position of the same will be reversed and the seal 15 broken by punching a hole therein, as shown in Fig. 2, and by rotating the spout as shown by the dotted lines in Fig. 2, the contents may be poured in any direction desired.

I claim:—

1. A sealed can having a reversible, attachable spout and comprising, in combination: a can body having an opening therein; a threaded nozzle piece having a perforated top and an imperforate bottom secured in position over the opening in the body, said bottom normally forming a seal over said

opening, but being adapted to be perforated; a reversible spout of less height than the height of said nozzle piece, and having a flange at the base thereof; and a perforated, screw cap coöperating with the screw nozzle and adapted to clamp the flange of the spout between it and the top of the nozzle, substantially as specified.

2. A sealed can having a reversible, attachable spout and comprising, in combination: a can body having an opening therein; a nozzle piece having a perforated top and an imperforate bottom and secured over the opening in said body, said imperforate bottom normally forming a seal over said opening and being adapted to be perforated; a reversible spout of less height than the height of said nozzle piece; and a cap coöperating with said nozzle piece and adapted to hold the spout in place on the nozzle piece, substantially as specified.

3. A can provided with a screw nozzle, and having a seal normally closing the pouring opening, a reversible, attachable pouring spout of less height than the height of the screw nozzle and a perforated screw cap coöperating with said screw nozzle and adapted to clamp the pouring spout in position, substantially as specified.

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Witnesses:
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