

D. P. LANG AND D. G. PETERSON.
 SANITARY POURING SPOUT FOR CONTAINERS.
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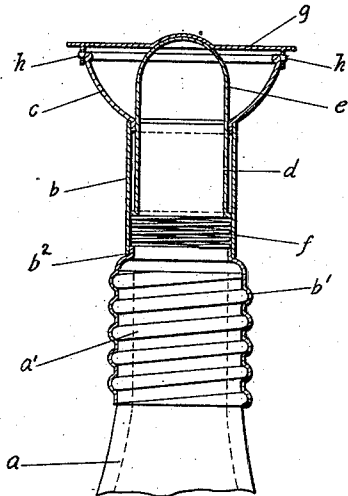


Fig. I

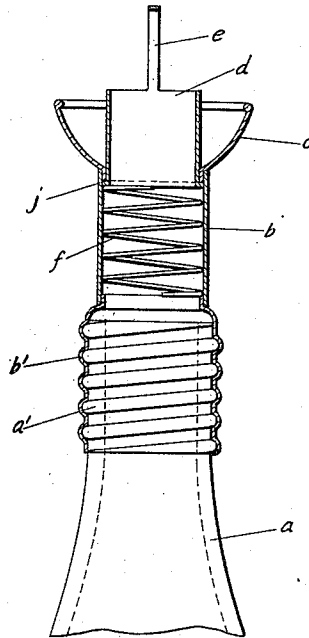


Fig. II

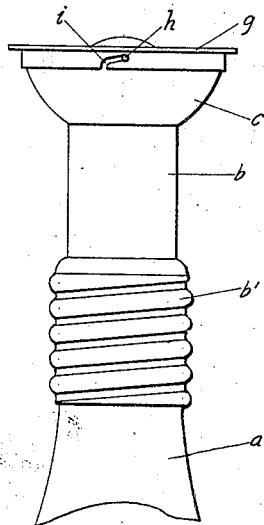


Fig. III

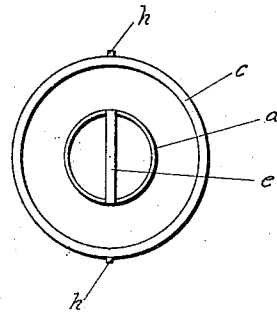


Fig. IV

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SANITARY POURING-SPOUT FOR CONTAINERS.

1,306,263.

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To all whom it may concern:

Be it known that we, DAVID P. LANG and DANIEL G. PETERSON, citizens of the United States, and residents, respectively, of Portland, Multnomah county, State of Oregon, have invented a certain new and useful Improvement in Sanitary Pouring-Spouts for Containers, of which the following is a specification.

Our direct purpose in this invention is to eliminate the unsightly appearance and unsanitary condition of a catsup bottle, after having been used for a short time, especially in a restaurant. As well known, by reason of the catsup being a rather heavy, thick and sticky substance, it has a tendency to adhere to the neck of the bottle when poured out, and therefore streaks of the catsup soon form on the neck of the bottle, a thing unpleasant to look at and attracting flies.

To remedy these undesirable conditions, we conceived the idea of mounting over the mouth of the neck of the bottle, or other container, a removable pouring spout provided with an encompassing drip-cup to receive the overflow, and with means, operated by the opening and closing of the bottle, for causing the drippings to run back into the bottle.

We further so arrange the operating parts as to be automatic in their action, in other words, to bring their action about by the mere act of the user in removing and replacing the cover provided for the spout.

Another feature of our invention is the arrangement of our device and construction of its parts so as to facilitate ready removal and cleaning. All required to thoroughly clean our pouring spout is to remove it from the neck of the container, and then hold it under a faucet.

The details of construction and operation of our invention are hereinafter fully described, reference being had to the accompanying drawings, in which:

Figure 1 is a sectional elevation showing the top of the neck of a catsup bottle with our pouring spout mounted thereon;

Fig. 2 is another sectional elevation of the same parts; this section, however, is taken in a vertical plane at right angles to the section shown in Fig. 1, and our device is shown with its cap removed and in the position the parts appear when the cap has been removed;

Fig. 3 is an elevation showing the top of a catsup bottle with our device mounted thereon; our device being closed; the view in this figure is taken in the same direction as the view shown in Fig. 2; and

Fig. 4 is a top view of our pouring spout with the cap removed.

a represents the neck of a bottle, or other container, the tip of which is provided with the usual exterior thread *a'*. *b* is the body of our sanitary spout. It is made of cylindrical form and provided at the base with a threaded neck *b'*. At the top of the body *b* is provided a flaring and encompassing drip-cup *c*. At the bottom of the body *b* is provided an internal flange or seat *b²* for the coil-spring *f*. Within the body *b* is reciprocably contained a cylindrical spout *d*, provided with an arched bail *e*. The spring *f* normally acts to project the spout *d*, as shown in Fig. 2. A cap *g* is adapted to be secured on the rim of the drip-cup *c*. In order to keep the cap in place, the rim of the drip-cup may be made with laterally projecting pins *h*, and the flange of the cap with slots *i*, as shown in Figs. 1, 3 and 4.

The act of placing the cover on the rim of the drip-cup causes the depression of the reciprocable spout *d* so as to bring the top thereof on a level with the bottom of the drip-cup, and the drippings in the latter may then flow back into the bottle.

The bottom of the reciprocable spout *d* and the top of the body *b* are provided with cooperating means, as shown at *j* in Fig. 2, for limiting the outward movement of the reciprocable spout, due to the action of the spring, when the cap is removed.

We claim:

1. A sanitary pouring spout for containers comprising a tubular body adapted for being mounted on the neck of the container, a drip-cup encompassing the top of said tubular body, a spout reciprocable in said body, means for limiting the outward movement of the spout, a spring normally holding the spout projected, a cap for the drip-cup, said spout being provided with a projecting piece upon which said cap bears when seated on the rim of the drip-cup, and whereby the spout is depressed to the bottom of the drip-cup.

2. A sanitary pouring spout for containers comprising a tubular body adapted for being mounted on the neck of the container, a drip-cup encompassing the top of said

tubular body, a spout reciprocable in said body, means for limiting the outward movement of the spout, a spring normally holding the spout projected, a cap for the drip-cup, means for securing the cap on the rim of the drip-cup, said spout being provided with a projecting piece upon which said cap bears when seated on the rim of the drip-cup, and whereby the spout is depressed to the bottom of the drip-cup.

3. A sanitary pouring spout for containers comprising a tubular body, the body being provided at the base with a threaded neck, a drip-cup encompassing the top of said tubular body, a spout reciprocable in said body, means for limiting the outward movement of the spout, a spring normally holding the spout projected, a cap for the drip-cup, said spout being provided with a projecting piece upon which said cap bears when seated on the rim of the drip-cup, and whereby the spout is depressed to the bottom of the drip-cup.

4. A sanitary pouring spout for containers comprising a tubular body, the body be-

ing provided at the base with a threaded neck, a drip-cup encompassing the top of said tubular body, a spout reciprocable in said body, means for limiting the outward movement of the spout, a spring normally holding the spout projected, a cap for the drip-cup, means for securing the cap on the rim of the drip-cup, and said spout being provided with a projecting piece upon which said cap bears when seated on the rim of the drip-cup and whereby the spout is depressed to the bottom of the drip-cup.

5. A sanitary pouring spout for containers comprising a tubular body, a drip-cup encompassing the top of said tubular body, a spout reciprocable in said body, a spring normally holding the spout projected, a cap for the drip-cup, said spout being provided with a projecting piece upon which said cap bears when seated on the rim of the drip-cup, and whereby the spout is depressed to the bottom of the drip-cup.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."