Aug. 2, 1949. G. McS. JACKSON 2,477,984

ILLUMINATED POURING SPOUT

Filed Feb. 18, 1946

Fig. 1

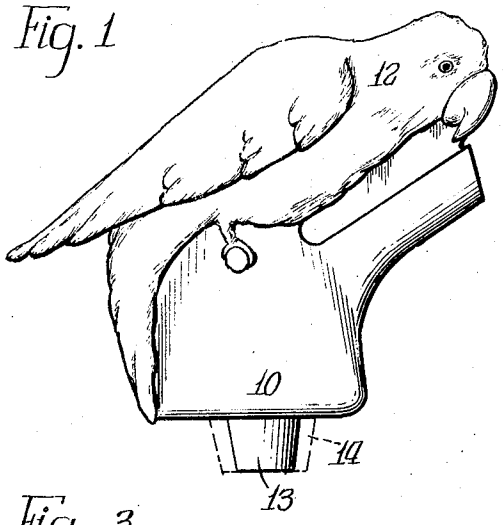


Fig. 2

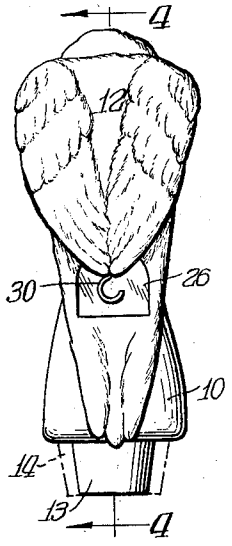


Fig. 3

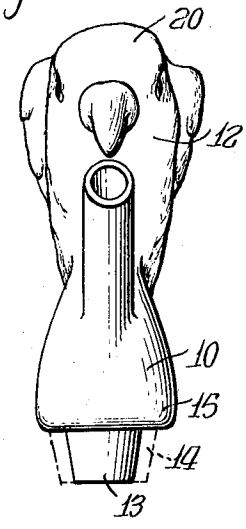


Fig. 4

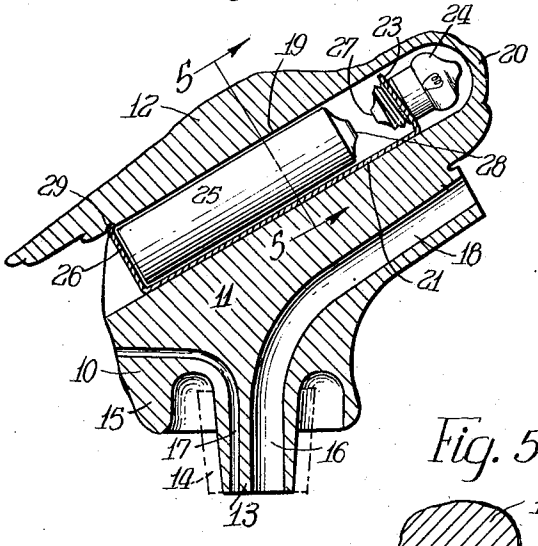


Fig. 5

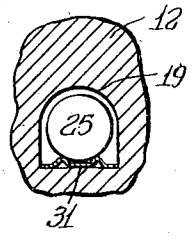
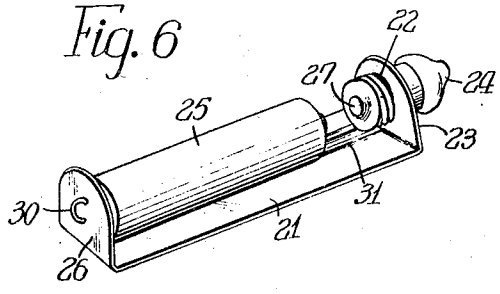


Fig. 6



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ILLUMINATED POURING SPOUT

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4 Claims. (Cl. 240—6.4)

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My invention is concerned with improvements in a bottle pouring spout.

In dispensing beverages in a tavern, or the like, particularly alcoholic beverages from the standard quart and one-fifth gallon bottles it is desirable to use a pouring spout for guiding the liquid through a tube, to more accurately control the pouring. Such a pouring spout will include a bottle stopper portion or plug adapted to be inserted in the neck of the bottle, a tubular passage extending through the stopper portion, which passage is bent in an appropriate direction for pouring and a vent to allow the entrance of air to the bottle to prevent a vacuum holdback of the liquid.

It is an object of my invention to provide, in a bottle pouring spout, a decorative figure, or the like, in addition to the pouring structure and means for automatically illuminating such figure, when the bottle is tipped to a pouring position, to produce an eye-catching effect having advertising and display value and to aid in illuminating the pouring area.

A more specific object of my invention is to incorporate in a pouring spout a decorative figure having a chamber therein provided with a light bulb, a battery and means whereby when the bottle is tipped to the pouring position the battery will contact the bulb and the decorative figure will be illuminated.

These and other objects will be apparent from a description of the preferred form of my device which is shown, by way of illustration, in the accompanylng drawings, wherein:

Fig. 1 is an elevation of my bottle pouring spout in normal vertical position;

Fig. 2 is a rear end view of Fig. 1;

Fig. 3 is a front end view of Fig. 1;

Fig. 4 is a vertical section on the line 4—4 of Fig. 2;

Fig. 5 is a section on the line 5—5 of Fig. 4; and

Fig. 6 is a perspective view of the illuminating mechanism of my device.

In the preferred form of my pouring spout which is shown, by way of illustration, in the drawings, I provide a bottle stopper or cap portion 10, a body portion 11 and a top portion or decorative figure 12.

The stopper portion 10 comprises an inner downwardly projecting plug member 13 adapted to receive a cork sleeve 14 for insertion into the mouth of the bottle to which th device is to be attached, after the cap or cork has been removed from the bottle, and a downwardly directed

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flange 15 which will encircle the top of the bottle. The stopper member 13 is provided with a tubular pouring passage 16 which extends upwardly into the body 11 of the spout and is bent at a convenient angle for pouring. A vent 17 is provided extending upwardly through the stopper member 13 and outwardly through the body 11 in a direction opposite to the direction of the pouring passage 16.

The decorative figure 12, which, for the purposes of illustration, is shown as a parrot, is arranged in generally parallel relation with the discharge end or bent portion 18 of the passage 16 and is provided with a generally tubular compartment 19 which extends from a point adjacent the front 20 of the figure to the rear of the figure.

An illuminating means, as illustrated in Figs. 4 to 6, is provided in the chamber 19 and comprises a U-shaped metal cradle member 21 having an aperture 22 in the forward leg 23, an electric bulb 24 arranged in screw-threaded relation in the aperture 22, and a battery 25 positioned on the bight portion of the cradle member 21. When the device is in the normal vertical position, the battery 25 engages the rear leg 26 of the cradle member 21. In this position the electrical circuit necessary to light the bulb is open because of the space between the contact 27 on the light bulb 24 and the contact 28 on the battery 25. The metal casing of the battery 25, the metal cradle member 21 and the screw-threaded portion of the bulb 24 constitute a closed portion of the electrical circuit. When the pouring spout is tilted by tilting the bottle to a pouring position the battery 25 will slide forwardly on the crade 21 and engage the contacts 27 and 28 to complete the circuit and light the bulb 24.

The illuminating means is removably retained in the chamber 19 by engagement of the top edge of the rear leg 26 of the cradle 21 in a small recess 29 in the upper wall of the compartment 19 at the rear end of the figure 12. The leg 26 of cradle member 21 is provided with a C-shaped slot 30 to accommodate a key for engaging the leg 26 and pulling the cradle 21 out of the chamber 19 for replacement of worn out battery or bulb. The bight portion of the cradle 21 may be shaped to provide a longitudinal groove 31 for guiding the battery 25 in its movement on the cradle.

My pouring device may be molded of a clear plastic material, preferably alcohol proof, and its surface painted or supplied in any other manner with a decorative design or advertising material such as a trade name. In the device which is

illustrated the figure, of course, would be painted with the proper colors to indicate a parrot.

In using my pouring spout, when the bottle is tilted to pour the liquid through the passage **16**, the battery **25** will slide forward and complete the circuit to light the bulb **24**. A portion of the light from the bulb **24** will be directed forwardly through the front **20** of the figure **12** and will serve to illuminate the glass or other receptacle into which the liquid is being poured. Some of the light from the bulb **24** will be directed rearwardly and will illuminate the body of the figure. The structure is so arranged that, when the beverage is poured, the figure is illuminated to call attention to any advertising matter, or trade name, which may be placed on any part of the pouring spout.

While I have described the preferred form of my device referring to specific details of construction and materials, it will be understood that other details of construction and other materials may be resorted to within the spirit of my invention.

I claim:

1. An illuminated pouring spout having a bottle stopper portion provided with a pouring passage and a decorative figure portion provided with an internal chamber which is arranged at an angle to the vertical axis of the spout when the spout is in a vertical non-pouring position on a bottle, a U-shaped cradle member, arranged in said internal chamber with its legs extending transversely of said chamber, a bulb secured in the upper leg of said U-shaped cradle member and a battery positioned in movable relation on the bight portion of said U-shaped cradle member, whereby when the pouring spout is tilted to pouring position said battery will move relative to said cradle and contact said bulb to illuminate said figure portion and project rays of light in a direction substantially parallel with and outwardly of the pouring passage.

2. An illuminated pouring spout having a portion provided with a pouring passage and a portion provided with a decorative figure having an internal chamber which is arranged at an angle to the vertical axis of the spout when the spout is in a vertical non-pouring position, said chamber being open at the bottom end, an elongated U-shaped cradle member, removably positioned in said chamber, one leg of said U-shaped member forming a closure for the open end of said

chamber, a bulb secured in the other leg of said U-shaped cradle member and a battery positioned in sliding relation on the bight portion of said U-shaped cradle member, whereby when the pouring spout is tilted to pouring position said battery will slide on said cradle into contact with said bulb to light the bulb and illuminate the decorative figure.

3. A pouring spout as set out in claim 2 wherein said internal chamber is so arranged as to cause the bulb to direct the light primarily in the same general direction as the pouring passage.

4. An illuminated pouring spout comprising a bottle stopper forming portion and an integral decorative figure portion, said pouring spout being provided with a pouring passage which passage extends vertically of the stopper portion and then at an angle through the figure portion when the pouring spout is in normal position on the bottle, said figure portion being provided with a chamber which extends generally parallel to the angled portion of the pouring passage, and which terminates short of the top end of said figure portion, said chamber having its lower end open, a U-shaped metal cradle member removably positioned in said chamber, with its legs extending transversely of said chamber and the lower leg forming a closure for said chamber, an electric bulb supported in the upper leg of said cradle member, a battery positioned on said cradle so that when the spout is tilted to pouring position the forward end of said battery will move into contact with said bulb to light said bulb and illuminate the figured portion of said spout.

GEORGE McSTAY JACKSON.

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