

No. 842,768.

PATENTED JAN. 29, 1907.

J. T. CLIFFORD.

BOTTLE.

APPLICATION FILED JAN. 9, 1906.

Fig. 1.

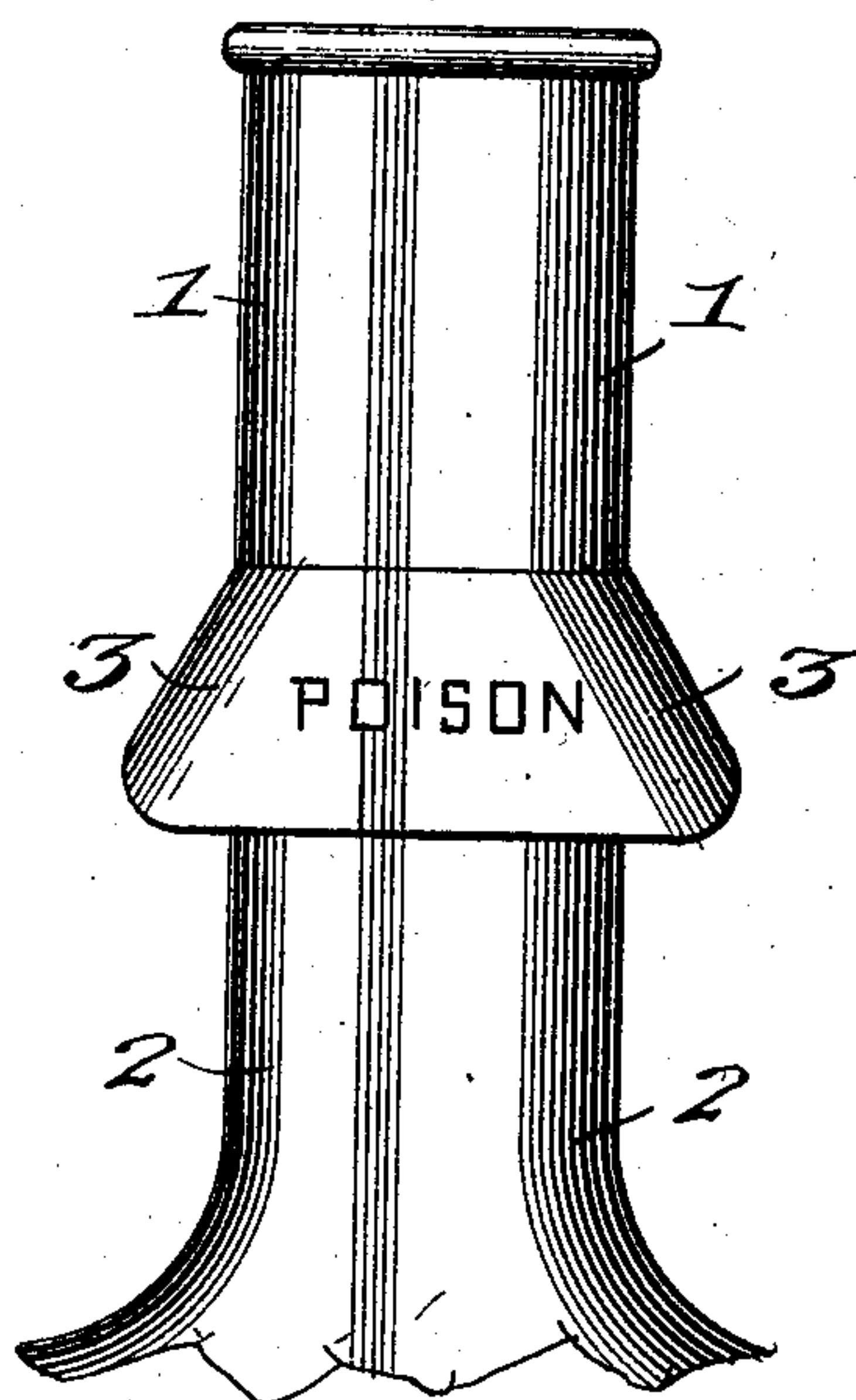
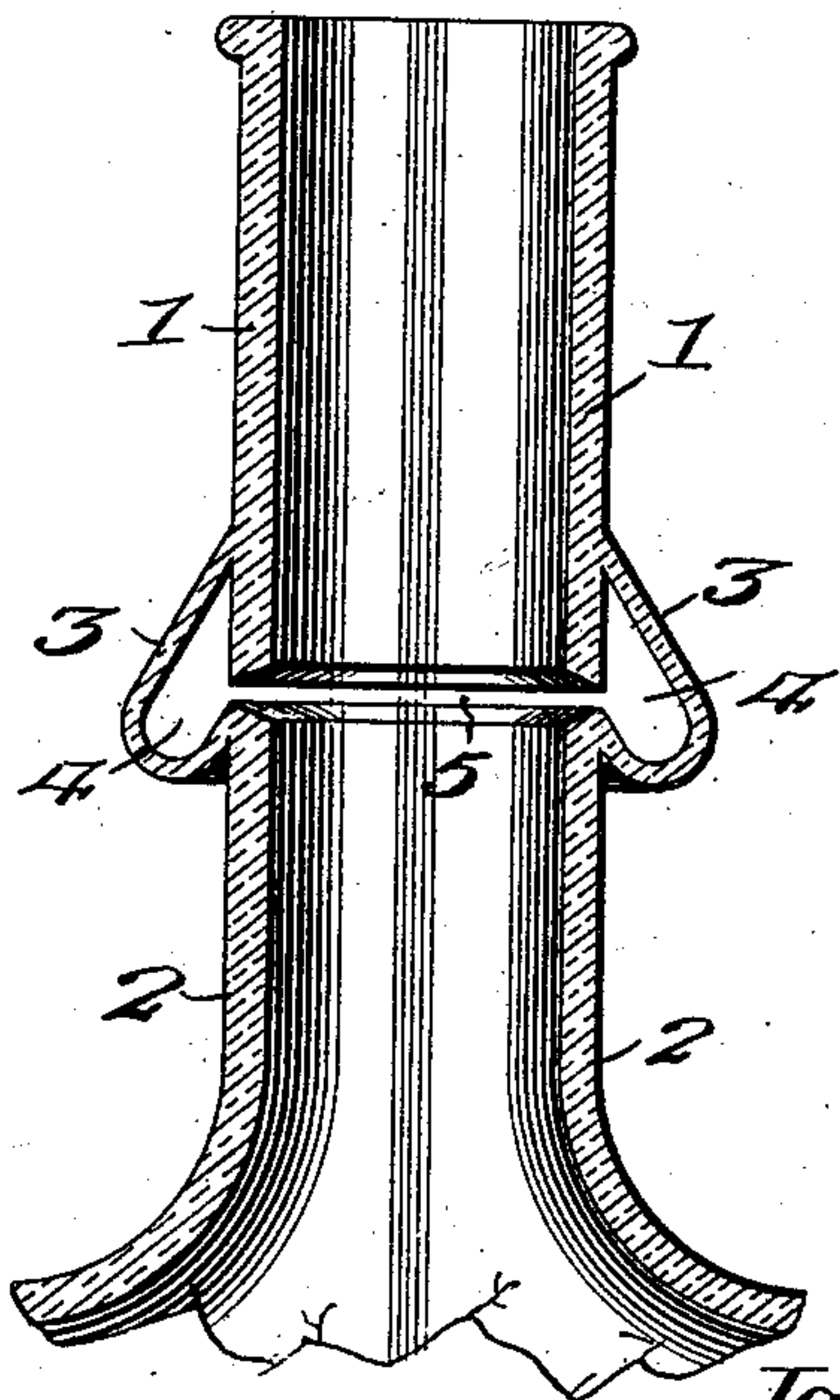


Fig. 2.



Witnesses

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JAMES T. CLIFFORD, OF HOUGHTON, MICHIGAN.

BOTTLE.

No. 842,768.

Specification of Letters Patent.

Patented Jan. 29, 1907.

Application filed January 9, 1906. Serial No. 295,251.

To all whom it may concern:

Be it known that I, JAMES T. CLIFFORD, a citizen of the United States, residing at Houghton, in the county of Houghton and State of Michigan, have invented new and useful Improvements in Bottles, of which the following is a specification.

This invention relates to bottles, and is especially designed with reference to bottles intended to contain poisonous liquids, the object of the invention being to provide means on the neck of the bottle whereby a person will be duly warned, either in the daytime or at night-time, that the bottle contains poison, the indicating means being noticeable to both the eye and the touch.

With the above general objects in view the invention consists in the novel construction, combination, and arrangement herein-after fully described, illustrated, and claimed.

In the accompanying drawings, Figure 1 is a side elevation of the neck of a bottle embodying the present invention. Fig. 2 is a longitudinal section through the same.

Like reference-numerals designate corresponding parts in both figures of the drawings.

Referring to the drawings, I have herein shown as much of the neck of a bottle as is necessary to an understanding of the present invention. Under the preferred embodiment of this invention the neck may be said to comprise upper and lower sections or portions 1 and 2, respectively, which are joined together by means of a connecting-web 3, which extends outward and forms an annular projection from the neck, as shown in the drawings.

The projecting web 3 is hollow and forms a liquid-containing pocket or trap 4, in which a portion of the contents of the bottle lodges and is entrapped as soon as the bottle and its contents are shaken and partially or wholly inverted, as in pouring from the bottle. The intervening space or aperture 5 between the upper and lower sections 1 and 2 of the neck occurs between the top and bottom of the pocket 4, as shown in Fig. 2, so that after the liquid has once entered the pocket 4 it cannot flow back into the neck and downward into the body of the bottle no matter to what angle the bottle may be

tilted. In the drawings I have illustrated the projecting pocket as of substantially conical form, with a rounded lower edge; but it will of course be understood that the particular shape of said pocket is not essential to the present invention.

The word "Poison" or a word of like import is printed or otherwise represented upon the projecting pocket, as shown in Fig. 1, so as to visually indicate the dangerous nature of the contents of the bottle, and a like warning is given by the illumination of the pocket 4 through the medium of the liquid contained therein, which is clearly visible through the transparent wall of the pocket, which is preferably of the same material and, in fact, formed integrally with the neck of the bottle. Where it is too dark to observe the word "Poison" or the liquid contained in the pocket, the projection or protuberance formed by the pocket will duly warn a person as to the dangerous nature of the contents of the bottle.

Having thus described the invention, I claim as new—

1. A bottle having the neck thereof provided with a projecting trap of hollow formation encircling the neck, and communicating with the interior of the neck to receive and hold a portion of the contents of the bottle at all times.

2. A bottle provided with a neck having a plurality of sections spaced apart and united by a connecting-web which forms a trap or pocket, encircling the neck and communicating with the interior of the neck to receive and hold a portion of the contents of the bottle at all times.

3. A bottle provided with a neck and formed at a point intermediate the length of the neck, with an annular projecting trap or pocket which encircles the neck and communicates with the interior thereof to receive and hold a portion of the contents of the bottle at all times, said pocket being formed integral with the neck.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES T. CLIFFORD.

Witnesses:

FRANK J. CLIFFORD,
PATRICK HARRINGTON.