No. 866,112. PATENTED SEPT. 17, 1907.

D. E. CRIPE.

BOTTLE.

APPLICATION FILED APR. 29, 1907.

Fig. 1.

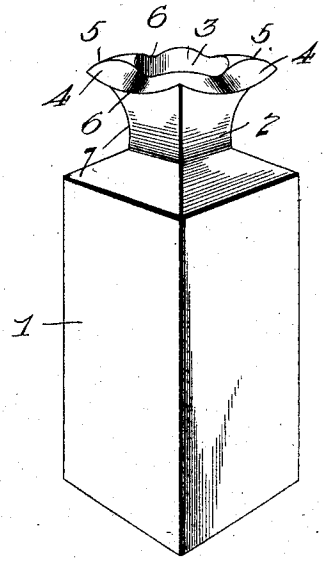
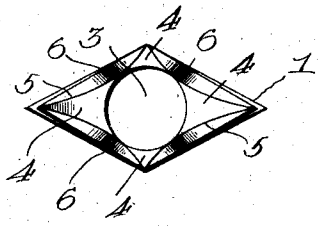


Fig. 2.



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BOTTLE.

No. 866,112. Specification of Letters Patent. Patented Sept. 17, 1907.

Application filed April 29, 1907. Serial No. 370,955.

To all whom it may concern:

Be it known that I, DAVID E. CRIPE, a citizen of the United States, residing at Chandler, in the county of Lincoln and Territory of Oklahoma, have invented new and useful Improvements in Bottles, of which the following is a specification.

This invention relates generally to bottles and more particularly to that class employed to contain poisons.

The object of the invention is in a simple, thoroughly practical and effective manner, and by tactile as well as by visual means to notify the handler of the bottle of the character of its contents, thereby to prevent fatal accidents that frequently arise from the lack of proper precautions in such matters. Furthermore, to adapt the bottle for dropping its contents in an accurate manner, thus to prevent the administration of overdoses of medicines.

With the above and other objects in view, as will appear as the nature of the invention is better understood, the same consists, generally stated, in a bottle having a body and mouth of such configuration that should the bottle be grasped by the neck or be carelessly pressed to the lips the user of the bottle will instantly be warned of the fact that the contents of the bottle is of a dangerous or fatal character, and further in constructing the mouth in such manner as to adapt it for use as a dropper.

The invention consists further in the novel construction of a bottle mouth that will hereinafter be fully described and claimed.

In the accompanying drawings forming a part of this specification and in which like characters of reference indicate corresponding parts, Figure 1 is a view in elevation of a bottle constructed in accordance with the present invention. Fig. 2 is a plan view showing more particularly the construction of the mouth.

Referring to the drawings, 1 designates the body of the bottle, 2 the neck, and 3 the rim or mouth thereof. The body and neck of the bottle are polygonal in cross section, preferably lozenge or diamond shape, thus by the peculiarity of their outlines to notify the handler that the bottle is designed for a special use. This feature in itself, however, is not broadly new, and while subserving a highly useful purpose does not impart absolute safety features to the bottle, as a handler might from thoughtlessness or haste fail to appreciate the warning.

The salient feature of this invention and that which imparts novelty to it is the novel and peculiar construction of the mouth, its contour being such that if grasped by the hand or if pressed to the lips, a tactile and positive warning will be given of the character of the contents of the bottle. These results are secured by forming the rim or mouth 3 with a plurality of sharp pointed fingers or guards 4, preferably, though not of necessity, four in number, the upper or outer surfaces of which are formed with knife edges or fins 5, the continuities of which are broken or interrupted by grooves 6 that extend from the perimeters of the guards into the bore of the neck, and are provided for the purpose of permitting medicines accurately to be measured by drops when desired. It will be noted by reference to Fig. 1 that the neck merges into the rim or mouth on curved lines as at 7 in order to reinforce the guards and also to impart a more pronounced peculiarity to the shape of the bottle as a whole.

By the provision of the pointed fingers the knife edges or fins when pressed to the mouth or lips of a handler will instantly convey by the sense of feeling the fact that the bottle is one that contains a poison so that even should the shape of the body of the bottle initially fail to attract attention the peculiarly shaped mouth will subsequently be certain to secure this object.

From the foregoing, it will be seen that by constructing a bottle mouth in the manner described, not only is provision made against the accidental taking of poison, but further feasible means is provided to allow the removal of any desired accurately measured quantity of a contained liquid.

What I claim is

1. A bottle neck having a mouth provided with pointed guards or fingers furnished with knife edges or fins.

2. A bottle neck having a mouth provided with pointed guards or fingers furnished with knife edges or fins intersected by grooves that extend from the perimeters of the guards into the bore of the neck.

3. A bottle having a body and neck polygonal in cross section, and a mouth provided with pointed guards or fingers.

4. A bottle having a body and neck polygonal in cross section and provided with pointed guards or fingers furnished with knife edges or fins.

5. A bottle having a body and neck polygonal in cross section and provided with pointed guards or fingers furnished with knife edges or fins intersected by grooves extending from the perimeters of the guards into the bore of the neck.

6. A bottle having a body and neck polygonal in cross section, the corners of the neck being arranged on curved lines, and a mouth provided with pointed guards or fingers furnished with knife edges or fins intersected by grooves extending from the perimeters of the guards into the bore of the neck.

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

DAVID E. CRIPE.

Witnesses:
ELDON A. CRIPE,
GORDON SHARP.