

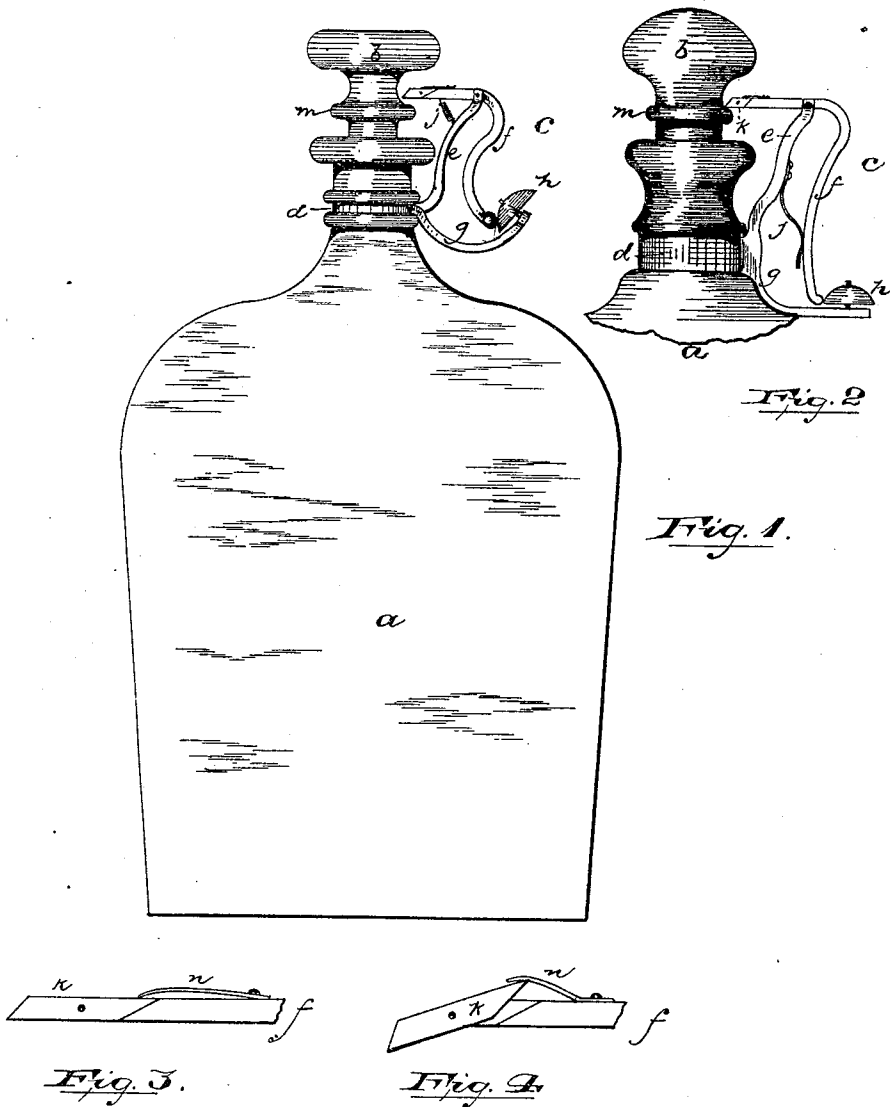
(No Model.)

E. R. PARSIL & J. H. TROWBRIDGE.

ALARM BOTTLE.

No. 353,807.

Patented Dec. 7, 1886.



WITNESSES:

INVENTORS:

B. L. McQuilly.
Frank F. Campbell.

Edwin R. Parsil,
John H. Trowbridge,

BY *Doake & Co.* ATTYS.

UNITED STATES PATENT OFFICE.

EDWIN R. PARSIL AND JOHN H. TROWBRIDGE, OF NEWARK, NEW JERSEY.

ALARM-BOTTLE.

SPECIFICATION forming part of Letters Patent No. 353,807, dated December 7, 1886.

Application filed September 9, 1885. Serial No. 176,644. (No model.)

To all whom it may concern:

Be it known that we, EDWIN R. PARSIL and JOHN H. TROWBRIDGE, citizens of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Alarm-Bottles; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of this invention is to prevent the inadvertent use of poisonous drugs or medicines by clerks or others in the preparation of medical prescriptions or in taking medicines; and it consists in the arrangements and combinations of parts, substantially as will be hereinafter set forth, and finally embodied in the clauses of the claims.

Referring to the accompanying drawings, in which like letters indicate corresponding parts in each of the several figures, Figure 1 is a side elevation of a bottle having the improvements attached. Fig. 2 is a similar elevation of the upper portion of said bottle, illustrating a slight change in the relation of the parts; and Figs. 3 and 4 are details of a portion of the alarm-lever.

In said drawings, *a* indicates the bottle; *b*, a stopper thereof; and *c* is a suitable device adapted to strike or sound an alarm when the stopper is withdrawn, so as to indicate to the person handling the bottle that the same contains poisonous, deleterious, or otherwise dangerous matter or substances.

The peculiar construction of the device we use for sounding the alarm is shown in the drawings, in which *d* is a band inclosing the neck of the bottle, to or upon which is secured or formed an arm or extension, *e*, for holding or providing a fulcrumal support for a lever, *f*, and another arm or extension, *g*, to receive and support a bell, *h*. Said lever extends into close contiguity to the stopper, so that when the latter is withdrawn it will engage said lever, said stopper being provided with a shoulder, *m*, for the purpose; and said lever, at its

opposite end, will either strike a bell or other sonorous body—such as the bottle—and sound the alarm, or move away from said bell and strike it in its reaction under the influence of a spring, *j*.

To allow the stopper to be inserted in the bottle without sounding an alarm or moving the alarm-lever, we have provided the extending arm or lip of the lever with a depressible piece, *k*, adapted to move in one direction independent of the body of the lever, but suitably stopped from an opposite movement. Said depressible piece is held in line with the lever by a spring, *n*, as will be understood more clearly by reference to Figs. 3 and 4.

We are aware that bottle-stoppers have been provided with numerous projecting points to attract the attention of the person withdrawing said stopper from the bottle, and also that a stopper has been provided with mechanism for “registering the number of times that liquor is poured from the bottle.” In our device an alarm is occasioned by the production of an unusual sound when withdrawing the stopper, the construction allowing the same without the injury or inconvenience presented by the stopper above referred to having the pointed projections. In the registering device a bell is employed in connection with a valve in the stopper, as distinguished from the removable stopper as a whole, or one adapted to be removed from throat of the bottle before pouring out its contents.

What we claim as new is—

1. A bottle having a stopper removable or separable from the neck thereof, a lever arranged to be actuated by the stopper upon its withdrawal, a hammer, and a bell, said parts being arranged and adapted to operate substantially as and for the purposes set forth and shown.

2. In combination with the bottle, a stopper, a lever, a shoulder to engage said lever upon the withdrawal of the stopper, and a bell to sound an alarm when operated upon by said lever, substantially as set forth.

3. In combination, a bottle, a removable or separable and shouldered stopper, a lever provided with a hammer, and a bell.

4. In combination, a bottle, its stopper, its

adapted to be withdrawn from the neck thereof, a band providing a fulcrum, a lever arranged adjacent to the stopper, so as to be actuated by said stopper upon its withdrawal
5 from the neck of the bottle, and a bell, said parts being arranged and adapted to operate substantially as set forth.

In testimony that we claim the foregoing we

have hereunto set our hands this 4th day of September, 1885.

EDWIN R. PARSIL.
JOHN H. TROWBRIDGE.

Witnesses:

CHARLES H. PELL,
FREDK. F. CAMPBELL.