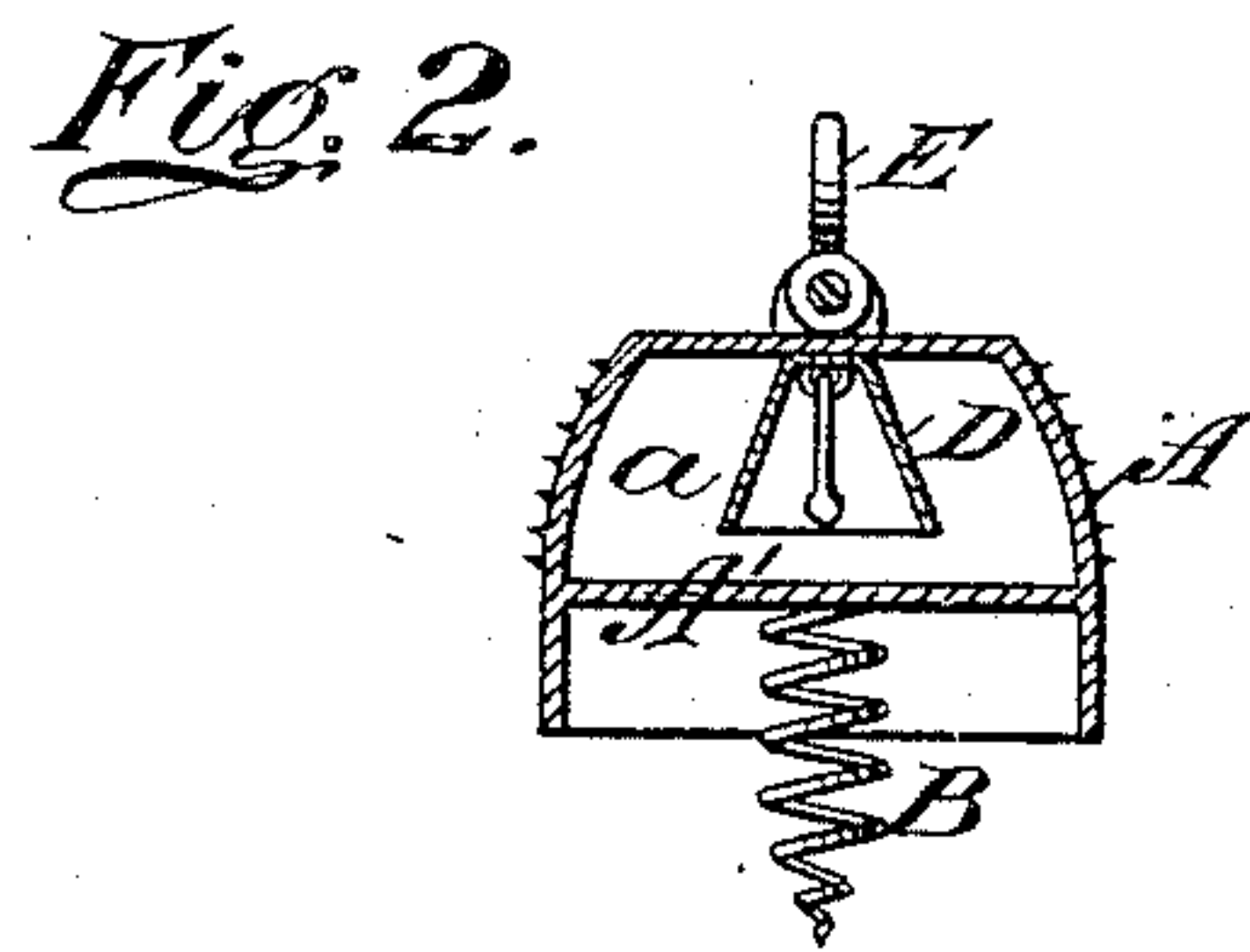
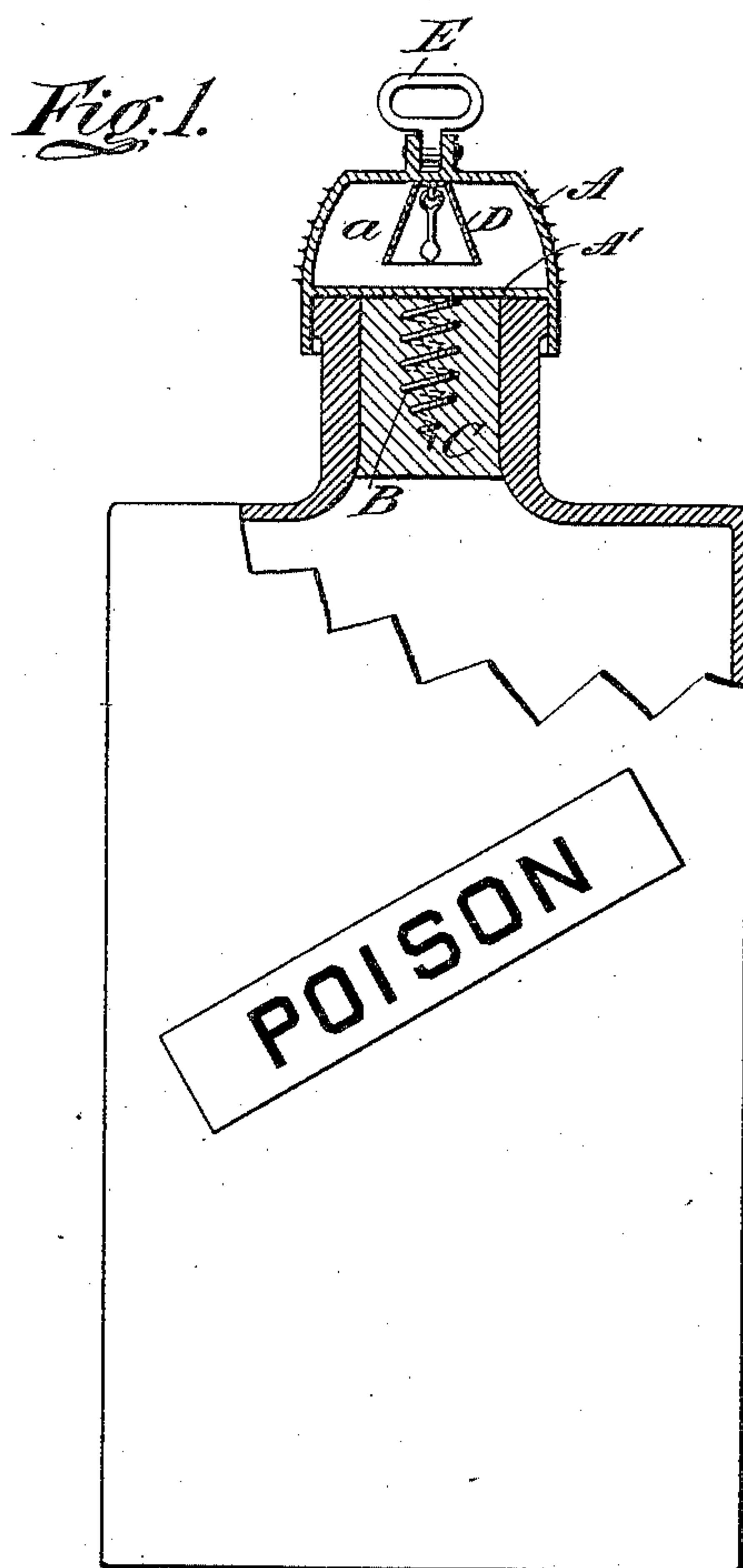


(No Model.)

C. J. BAILEY.
SAFETY ALARM CORKSCREW.

No. 427,656.

Patented May 13, 1890.



Witnesses:-
N. H. Haywood
Katie A. Cyner

Inventor:
Clifton J. Bailey,
by his atty
Chas. F. Dane.

UNITED STATES PATENT OFFICE.

CLIFTON J. BAILEY, OF ORANGE, NEW JERSEY, ASSIGNOR TO ANNIE R. BAILEY, OF SAME PLACE.

SAFETY-ALARM CORKSCREW.

SPECIFICATION forming part of Letters Patent No. 427,656, dated May 13, 1890.

Application filed October 18, 1889. Serial No. 327,438. (No model.)

To all whom it may concern:

Be it known that I, CLIFTON J. BAILEY, a citizen of the United States, and a resident of Orange, Essex county, and State of New Jersey, have invented a new and useful Safety-Alarm Corkscrew, of which the following, taken in connection with the accompanying drawings, is a specification.

My invention consists of an improved cap or shell for use in connection with a cork or other stopper for bottles and analogous receptacles, provided with prickly projections or points around the exterior portion thereof, and means for connection with the cork or stopper; also, an alarm, for the purpose as will hereinafter be set forth, the object of my invention being to provide a more sure safeguard for those required to use dangerous poisonous fluids, powders, or other compositions, so constructed as to give the necessary warning to the person attempting to remove the cork or stopper by pricks or other alarm, as will hereinafter be set forth, and pointed out in the claims.

It is a well-known fact that serious and sometimes fatal accidents are of daily occurrence, caused by the application and use of poisons accidentally used, because of the failure to read the label, (if such it contains.) Often during the night the patient or nurse is liable, either from darkness, drowsiness, or otherwise, to take the wrong and perhaps dangerous mixture. Such and similar accidents it is my purpose to prevent; hence my invention.

Referring to the drawings, Figure 1 represents a bottle with my improved safety-alarm corkscrew (shown in section) applied thereto, and Fig. 2 represents a vertical sectional view of the same detached from said bottle.

In the drawings, A represents the cap or shell provided on its exterior with prickly projections or points, as clearly shown in the drawings, which may be formed by puncturing said cap from the interior and thus form a burr on the exterior, as will be readily understood by those skilled in the art, or they may be formed or located thereon by any other suitable means. The said cap A is provided with a wall or partition A', to which, in the instance shown, is secured a screw B, as a convenient means for adjustably secur-

ing said cap to the cork or stopper, although it is obvious that other means might be employed to secure said cap A to the cork or stopper, either permanently or detachably, and without departing from the spirit of my invention. Within the chamber *a*, in said cap A, which is formed by the wall or partition A', I provide a bell D to act as an alarm when the article to which said cap is attached is moved, and on the top of said cap I provide a handle, (represented at E,) which in the instance shown is pivotally secured between two lips or projections located thereon, as clearly shown, to allow the handle to rest upon said cap when not in use, although it is obvious that said handle may be secured in a fixed position or otherwise thereon, the object of the same being to form the means by which said cap A is operated to withdraw the cork or stopper from the bottle, &c. The lower edge of the cap A in the instance shown projects below the plate or partition A' therein, forming a flange adapted to embrace the top of the neck of the bottle when the cork or stopper is inserted into the same. It is obvious, however, that slight changes might be made in the arrangement and in the construction of these several different parts without departing from the spirit of my invention, the essential features being a bell (as a means of alarm) and a suitable frame or shell, (as a means of support for said bell,) which may be either provided with or without prickly points or projections on its exterior surface and means for attaching said parts to a cork or stopper.

The operation and functions of the described device will appear so obvious in light of the foregoing description and the accompanying drawings that further description would seem superfluous.

Having thus set forth my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. A safety-alarm for bottles, consisting of a bell and a support for the latter, provided with a threaded or coiled device adapted for detachable connection with a cork or similar stopper, substantially as and for the purpose set forth.

2. A safety-alarm corkscrew consisting of a hollow cap or shell provided with a cham-

ber formed by a wall or partition located in said cap or shell, a bell located in said chamber, and a corkscrew secured to said partition as a means for attaching the device to a
5 cork or stopper, substantially as and for the purpose set forth.

3. A safety-alarm corkscrew consisting of a cap or shell provided with prickly projections or points on its exterior surface, a bell secured thereto within its interior surface, and
10 means for attaching said cap or shell and parts thereof to a cork or stopper, substantially as described, and for the purpose set forth.

15 4. As an improved article of manufacture,

a safety-alarm corkscrew consisting of a cap or shell provided with prickly projections or points on its exterior surface, a bell located within said cap or shell and secured thereto, a suitable knob or handle having connection
20 with the exterior of said cap or shell, and a corkscrew secured to the lower part of said cap or shell or a part thereof, arranged in a manner substantially as described, and for the purpose set forth.

CLIFTON J. BAILEY.

Witnesses:

KATIE A. PYNE,
CHAS. F. DANE.