

(No Model.)

J. BARNES.
POCKET CASE FOR BOTTLES.

No. 474,940.

Patented May 17, 1892.

FIG. 1.

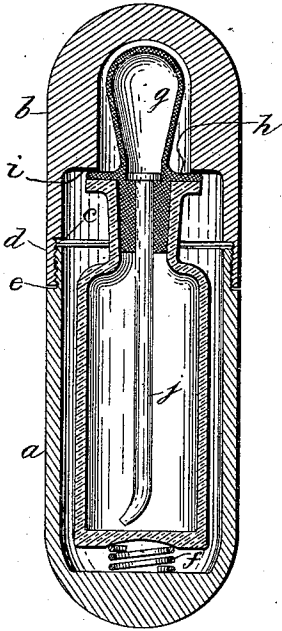
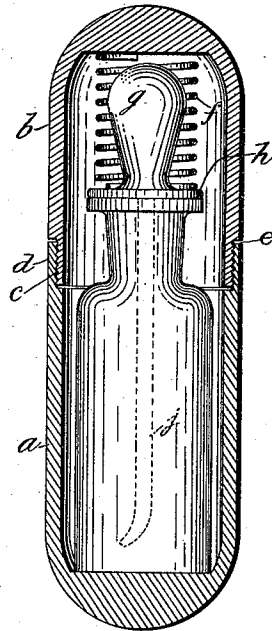


FIG. 2.



WITNESSES:

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POCKET-CASE FOR BOTTLES.

SPECIFICATION forming part of Letters Patent No. 474,940, dated May 17, 1892.

Application filed June 8, 1891. Serial No. 395,440. (No model.)

To all whom it may concern:

Be it known that I, JOSHUA BARNES, a citizen of the United States, and a resident of Green Lawn, in the county of Suffolk and State of New York, have invented new and useful Improvements in Pocket-Cases for Bottles, of which the following is a specification.

My invention relates to pocket cases for bottles containing a cushioning-spring for securing the bottle with a yielding pressure for protection against breakage and is designed more particularly for bottles having an elastic flange closing over the top of the bottle and for ink, nursing, and other bottles with which it is desirable to use a stopper having an elastic bulb, all as hereinafter fully described, reference being made to the accompanying drawings, in which—

Figure 1 is a sectional elevation of my improved bottle-case and side elevation of a bottle therein having the stopper provided with an elastic flange and a liquid-dropper, the presser being in the bottom of the case to press the stopper against the interior of the cover. Fig. 2 is a similar view of the case and bottle with the presser arranged in the upper part of the case.

The case, made of wood, hard rubber, paper-stock, or other approved material, consists of two hollow sections, as *a b*, closed at one end and open at the other, with a screw-joint for fastening them together at the open end, said joint consisting of the external threaded portion *d* of one screwing into the internally-threaded part *e* of the other and drawing the two tight on the shoulders *e*. In the bottom of part *a*, Fig. 1, or part *b*, Fig. 2, is a coiled spring *f*, on which the bottle rests, or which presses against the stopper so as to press the stopper into the bottle and keep it tight when the cover is screwed "home" on the part *a* and confine the bottle between the elastic presser and one end of the chamber, so as to avoid any slack space, and at the same time to prevent crushing the bottle, as if confined between rigid or positive bearings, the chamber in the case being sufficiently longer than the bottle and its stopper that the bottle will be subject to the pressure of the spring only.

The stopper has an elastic flange *h*, and the

cover is counterbored and fitted so that the shoulder *i* or the spring *f* when placed in the cover bears on said flange. For liquid droppers or ejectors or nursing-bottles having a collapsible bulb, as *g*, extending upward from the shoulder *h*, the cover will be more deeply counterbored to provide space for the flexible bulb, and when the spring is placed in the cover the bore will be larger for the spring to surround the bulb, and the shoulder will be omitted. Any other stopper may have a flexible flange or collar to be thus pressed on the top of the bottle by the said shoulder or spring, said flexible flange or collar serving as another means of keeping the bottle tight in addition to the part of the stopper entering the neck of the bottle.

It will be seen that my invention is especially useful in the case of bottles having a liquid dropping or ejecting pipette *j* and flexible bulb *g* or a syringe, which it is desirable to carry in the pocket for various purposes. The screw-joint connecting the two parts of the case enables the stopper to be pressed tight in case it is left slack by drawing the two parts against the bottle when screwing them together.

The case and spring-presser will constitute an article of manufacture by itself to be supplied to the manufacturers and bottlers of the various liquids for which the cases may be required, and will be especially useful for transmitting bottles safely by mail.

I claim—

1. A pocket-case for bottles having an elastic flange of the stopper adapted to bear on the top of the bottle, the said case consisting of the two chambered parts *a b*, having the screw-joint connecting the open ends, and one of said parts having the counterbored chamber surrounding the head of the stopper and, containing the bearing resting on the elastic shoulder or flange of the stopper, substantially as described.

2. The combination of the pocket-case consisting of the two chambered parts, one of which has the counterbore and the shoulder at the bottom thereof, and said parts connected by the screw-joint, the elastic presser secured in the chamber of one of the parts,

and a stoppered bottle having the elastic
flange of the stopper adapted to be pressed
on the top of the bottle and said bottle in-
serted in said case and subject to pressure on
5 the bottom and on the elastic shoulder of the
stopper by the said parts of the case, substan-
tially as described.

In testimony that I claim the foregoing as

my invention I have signed my name, in pres-
ence of two witnesses, this 21st day of Janu- 10
ary, 1891.

JOSHUA BARNES.

Witnesses:

W. J. MORGAN,
A. P. THAYER.