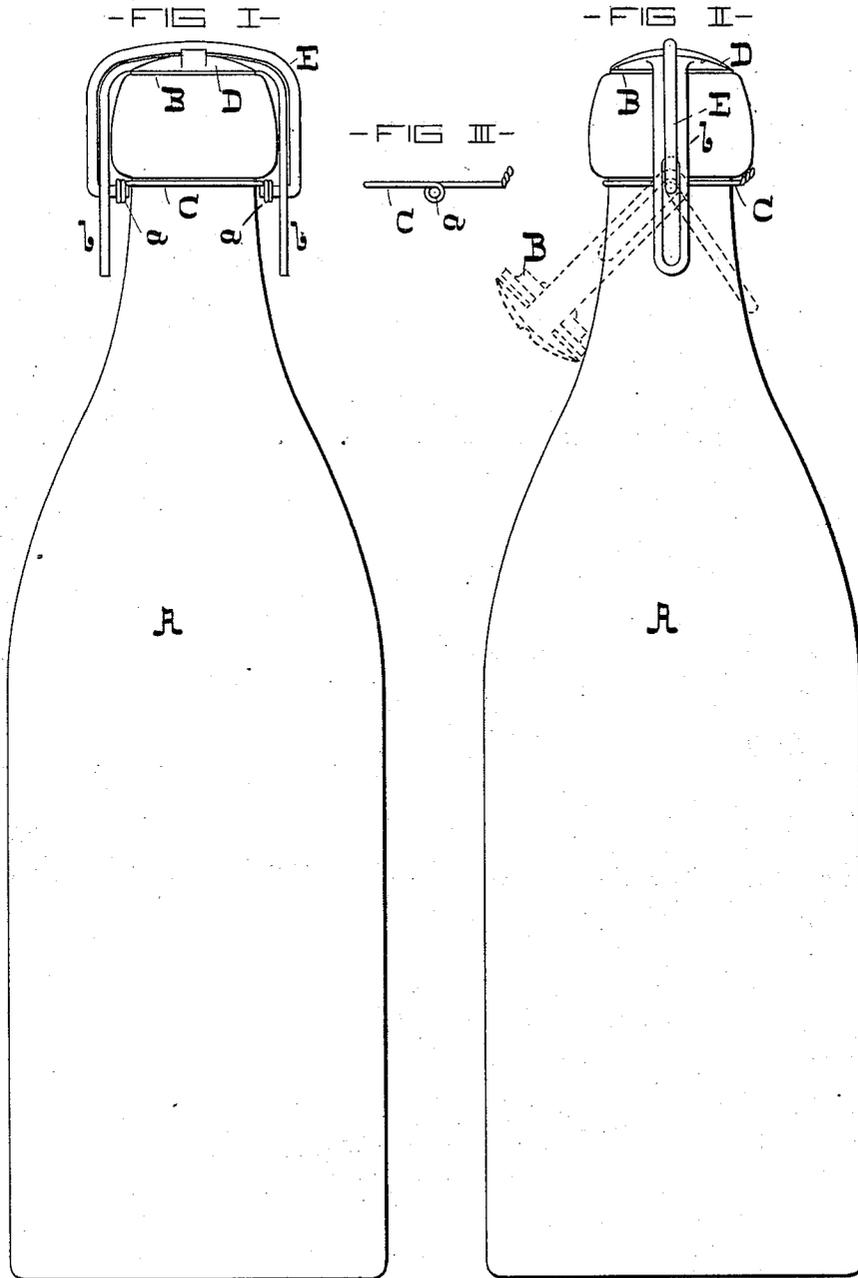


(No Model.)

L. KALLING, Jr.
BOTTLE STOPPER FASTENING.

No. 332,083.

Patented Dec. 8, 1885.



-WITNESSES-

Danl. Fisher
Thomas S. Price

-INVENTOR-

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Atty -

UNITED STATES PATENT OFFICE.

LEWIS KALLING, JR., OF BALTIMORE, MARYLAND.

BOTTLE-STOPPER FASTENING.

SPECIFICATION forming part of Letters Patent No. 332,083, dated December 8, 1885.

Application filed October 26, 1885. Serial No. 180,927. (No model.)

To all whom it may concern:

Be it known that I, LEWIS KALLING, Jr., of the city of Baltimore, and State of Maryland, have invented certain Improvements in Bottle-Stopper Fastenings, of which the following is a specification.

This invention relates to certain improvements in a bottle-stopper fastening for which I made application for Letters Patent No. 177,517 on the 19th day of September, 1885. In the said application I show and describe a bottle having around the neck thereof a semi-circular wire with trunnions extending radially from the bottle. The stopper-cap is provided with slotted straps, which fit over the said trunnions, and the cap is held in place, when the bottle is closed, by means of a clamp pivoted to the trunnions, adapted to be forced over the cap.

The object of the present invention is to reduce the cost of the said stopper-fastening by simplifying its construction; and to this end I dispense with the semicircular wire and its trunnions, and instead of them turn in the ends of the clamp, which is of wire, and pass them through the slotted straps of the cap and into eyes formed in a wire twisted around the bottle-neck.

In the further description of my present invention which follows reference must be had to the accompanying drawings, forming a part hereof, and in which—

Figures I and II are exterior side views of a bottle provided with my improved stopper-fastening as seen from different points. Fig. III is a detail view.

A is the bottle, and B the stopper, which consists of a flanged washer of india-rubber or other flexible material. C is a wire having eyes *a* therein twisted around the neck of the bottle, as shown. D is the stopper-cap, having straps *b*, which extend from its periphery and at a right angle with reference to the face of the cap. These straps are slotted to admit of their being attached to the clamp E, as hereinafter described. The clamp E is of wire, with its ends bent to pass through the slotted straps *b* and into the eyes *a* in the wire C. By this means the ends of the clamps answer the purpose of trunnions for the slotted straps of the cap D.

I claim as my invention—

In combination with a bottle and its stopper, a cap attached to the said stopper, slotted straps extending from the cap, a wire fastened around the neck of the bottle having eyes therein, and a clamp to hold down the cap, having its ends turned in so as to pass through the slotted straps and into the eyes in the neck-wire, substantially as specified.

LEWIS KALLING, JR.

Witnesses:

WM. T. HOWARD,
JNO. T. MADDOX.