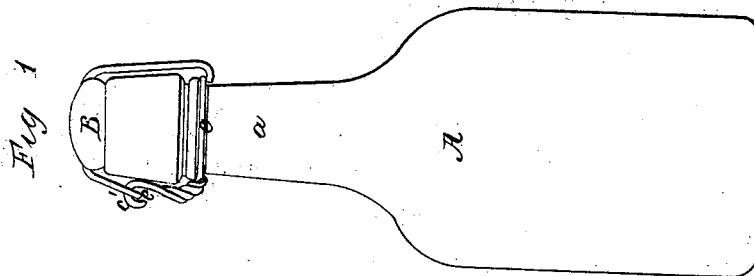
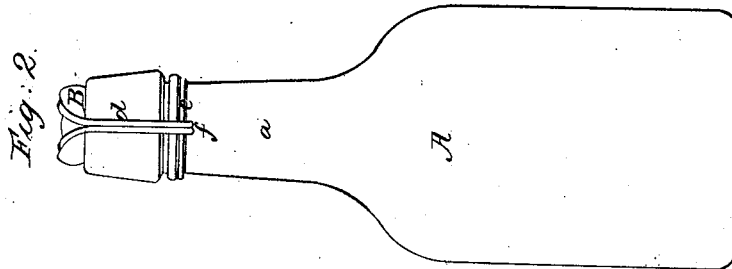
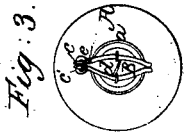
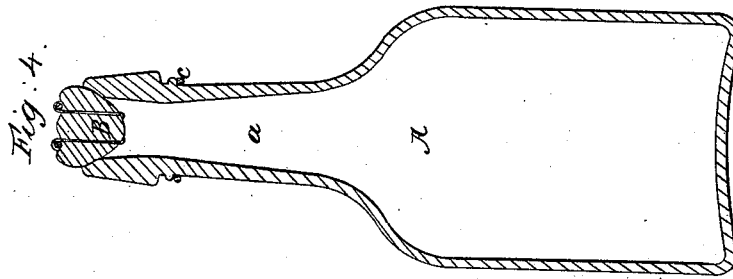


D. T. Robinson,

Stopper Fastener,

N^o 53,342,

Patented Mar. 20, 1866.



Witnesses;
S. Keller
Chas. E. Parker

Inventor;
Daniel T. Robinson

UNITED STATES PATENT OFFICE.

DANIEL T. ROBINSON, OF BOSTON, MASSACHUSETTS.

IMPROVED BOTTLE-STOPPER FASTENER.

Specification forming part of Letters Patent No. **53,312**, dated March 20, 1866.

To all whom it may concern:

Be it known that I, DANIEL T. ROBINSON, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improved Bottle-Stopper Fastener; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a side view of a bottle provided with my invention. Fig. 2 is a front view, and Fig. 3 a top view, of it. Fig. 4 is a vertical section of the same.

In the above-named drawings, A denotes the bottle, and *a* its neck. B is the stopper, composed of a semi-globular piece of elastic india-rubber, which extends partially into the upper part of the neck of the bottle.

The fastening is composed of two pieces of wire. One piece, *c*, is passed around the neck of the bottle, and its ends twisted together and formed into a hook, *c'*. The other piece, *d*, is doubled, and at the point of doubling is formed into a bent eye, *e*, to pass over the hook *c'*, and is then bent at a right angle to pass over the top of the stopper B and down in front of the neck *a* of the bottle. Its ends

are then soldered together and bent into a short lip or hook, *f*, to extend or hook under the wire *c*.

The wire *d* should be of such a length as to require considerable downward pressure to be exerted on the elastic stopper B in order to force the lip *f* under the wire *c*, which being done, the stopper will be forced very tightly into the top part of the neck of the bottle, and at the same time, by its elastic properties, keep the hook *f* close under the wire *c*.

The two parts of the wire *d*, where they pass over the top of the elastic stopper B, should be spread apart, as seen in Fig. 3, in order to reach to both sides of the stopper and insure its entering squarely into its place. Furthermore, the wire *d* may be secured to the stopper by a fine piece of wire being coiled around it and passed through the said stopper.

I claim—

The improved bottle-stopper fastening made as above described.

DANIEL T. ROBINSON.

Witnesses:

S. S. FULLER,

CHAS. EDWD. PARKER.