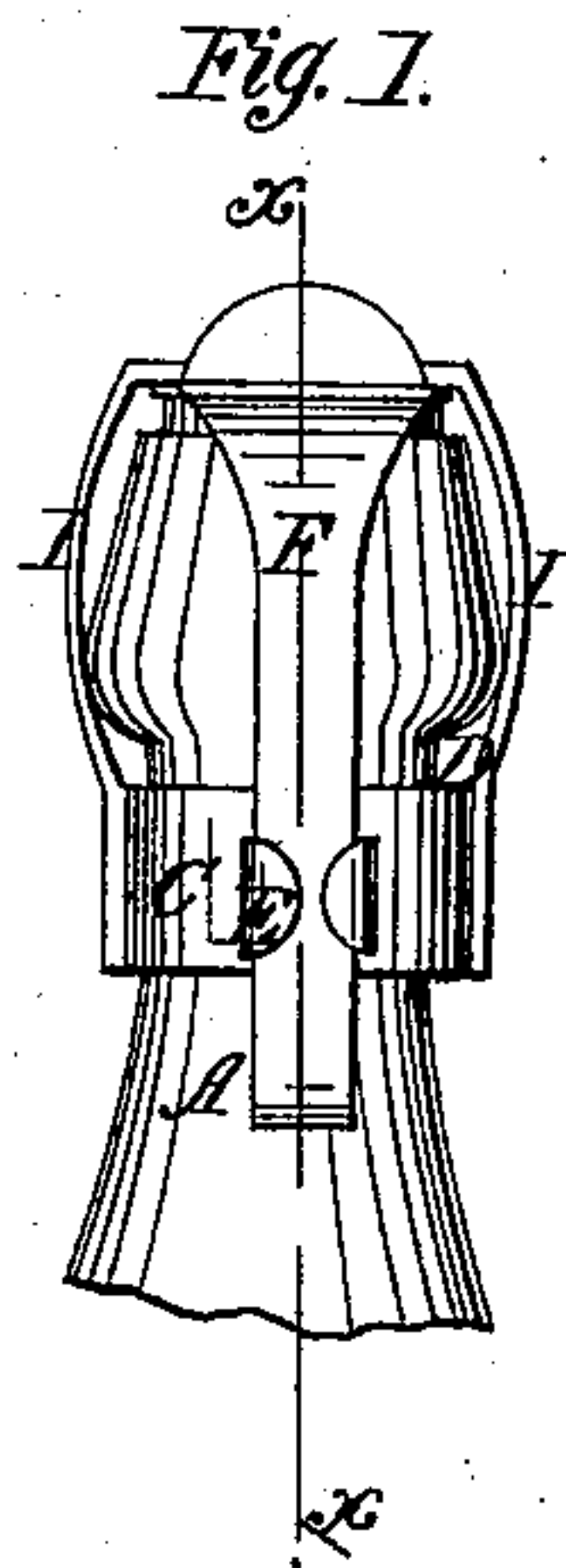
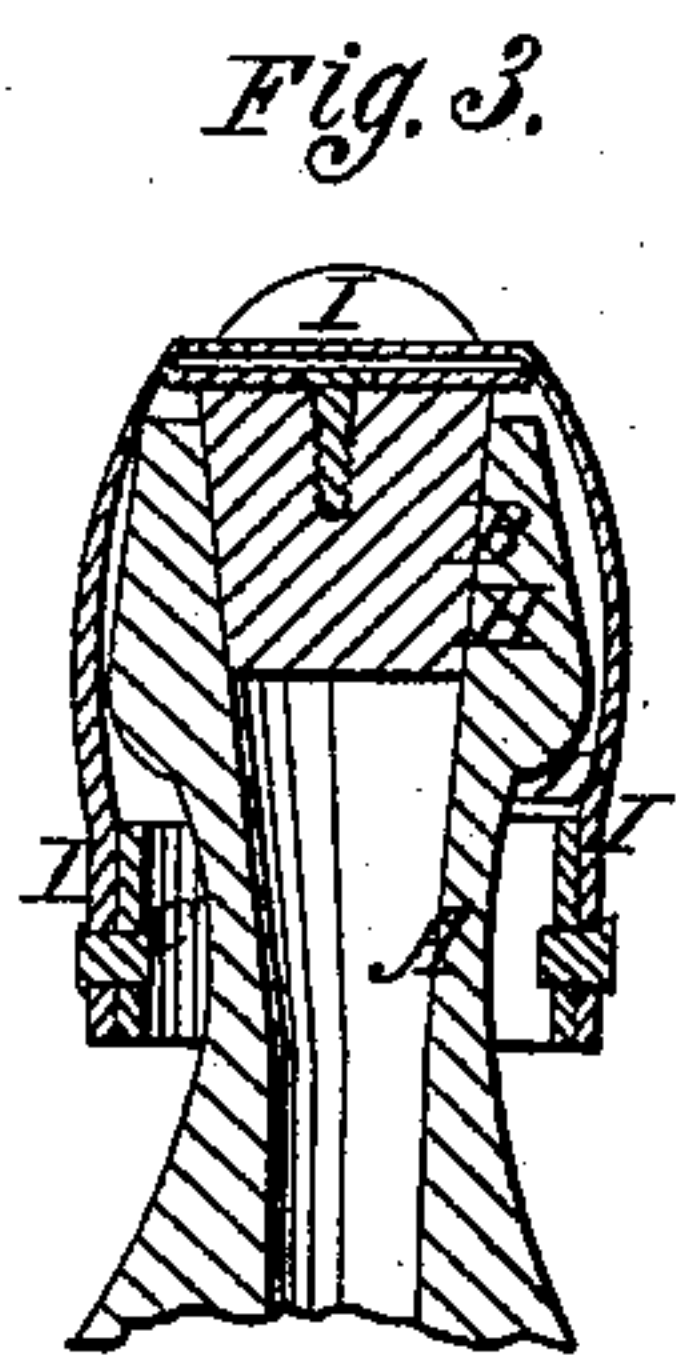
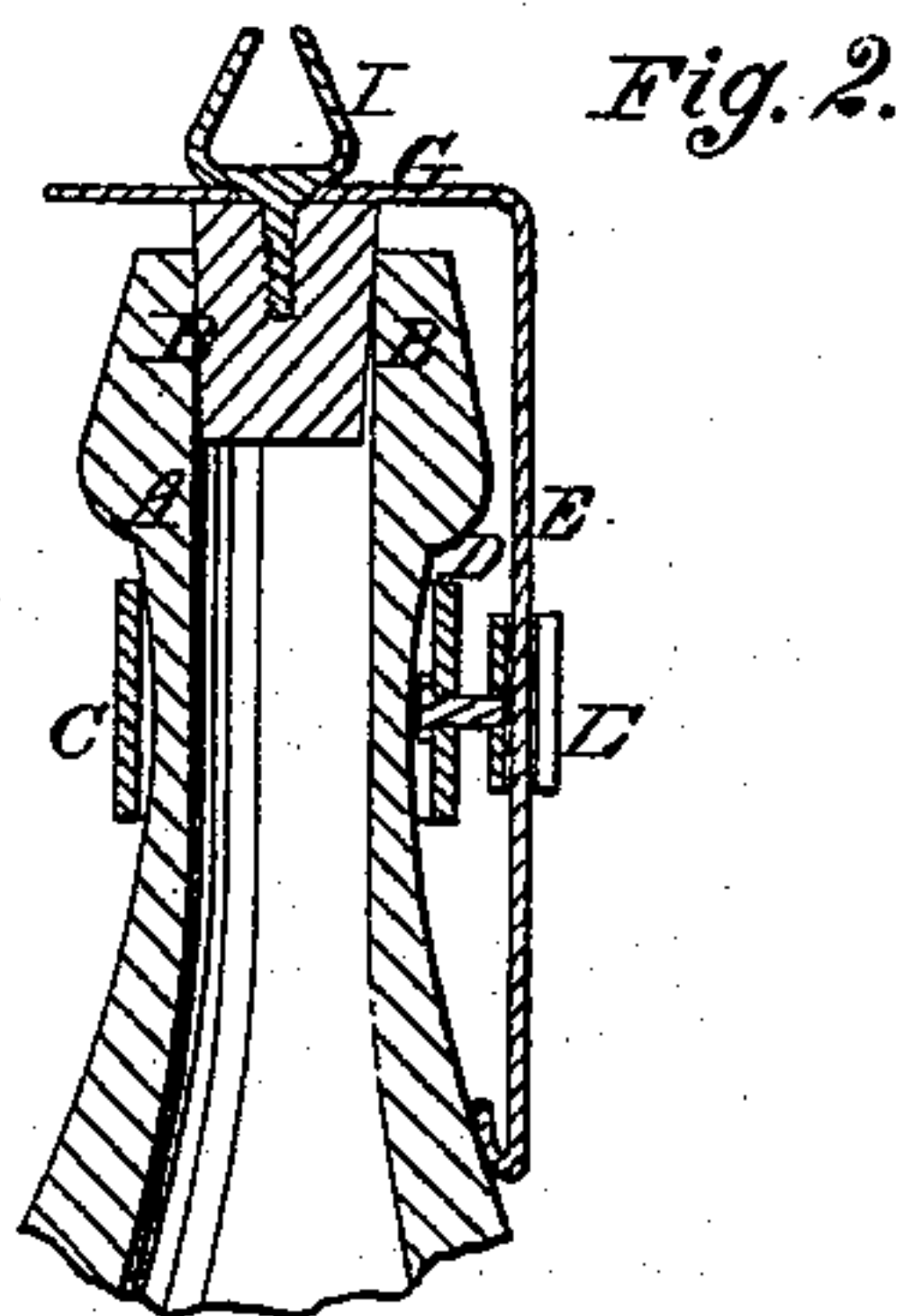


H. S. Carley,
Stopper Fastener.
N^o 64,838. Patented May 21, 1867.



Witnesses:
Theo. Trusche
And A. Miles

Inventor:
H. S. Carley
Per Messrs. C.
Attorneys.

United States Patent Office.

HORACE S. CARLEY, OF CAMBRIDGEPORT, MASSACHUSETTS.

Letters Patent No. 64,838, dated May 21, 1867.

IMPROVED BOTTLE-STOPPER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, HORACE S. CARLEY, of Cambridgeport, in the county of Middlesex, and State of Massachusetts, have invented a new and improved Bottle-Stopper; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of the neck of a bottle with my improved stopper attachment.

Figures 2 and 3, vertical sections taken respectively in the planes of the line *x x*, fig. 1, and line *y y*, fig. 2.

The present invention consists, first, in securing the stopper to the neck of the bottle in such a manner that it can, when moved out of the neck, be swung out of line with the same without detaching it from the bottle; and, second, in the combination with the holder for the stopper, arranged as above described, of a loop or clasp so hung to the bottle neck as to be swung over the stopper when in the bottle, and there securely and tightly hold it.

A, in the drawings, represents the neck to a bottle, and B its mouth. C, a collar or ring, surrounding neck A just below its shoulder or head, D. E, a clasp or loop, swivelled to one side of collar C, through which loop is arranged to move a slide, F, carrying at its outer end, by its arm G, an India-rubber or other stopper, H, made of suitable size to fit the bottle, this slide, with its arm, being of such shape as to allow the stopper to slide or move upward out of the bottle, when, by swinging it over to one side, it can be left clear of the mouth, for filling or emptying the bottle of its contents. I, a loop or clasp, hung at each end to collar C, so as to swing therein, and in such a position that it can be swung over and across the slide and arm, carrying the stopper when such stopper is in the bottle.

Having thus described my invention, I claim as new, and desire to secure by Letters Patent—

The slide F, carrying stopper, in combination with the swivelled loop E, in which it moves, substantially as and for the purpose described.

I also claim, in combination with the above, the swinging clasp I, substantially as described for the purpose specified.

HORACE S. CARLEY.

Witnesses:

JOHN A. PEARSON,
JAMES A. REID.