

No. 776,760.

PATENTED DEC. 6, 1904.

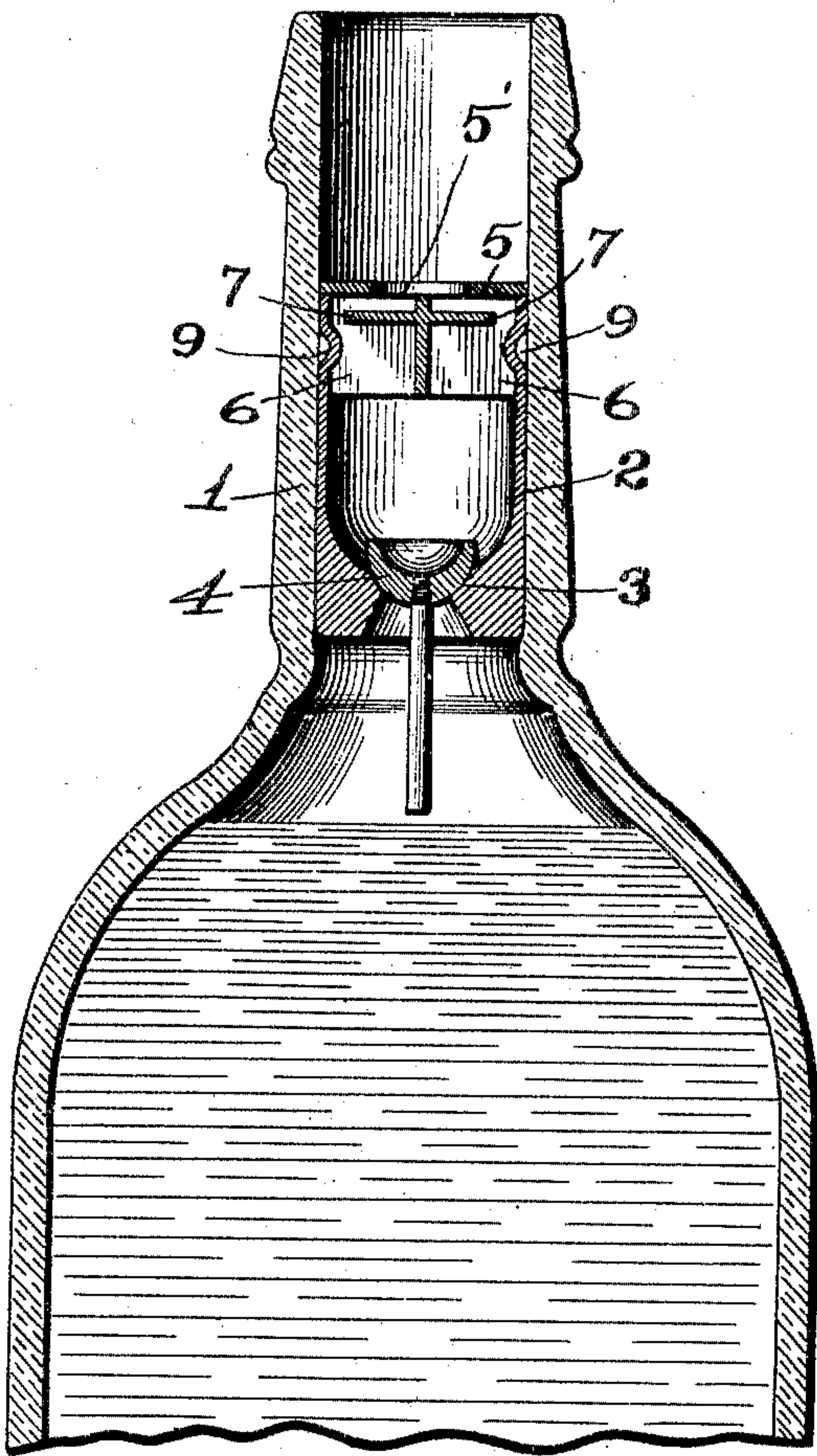
E. RISSE.

NON-REFILLABLE BOTTLE.

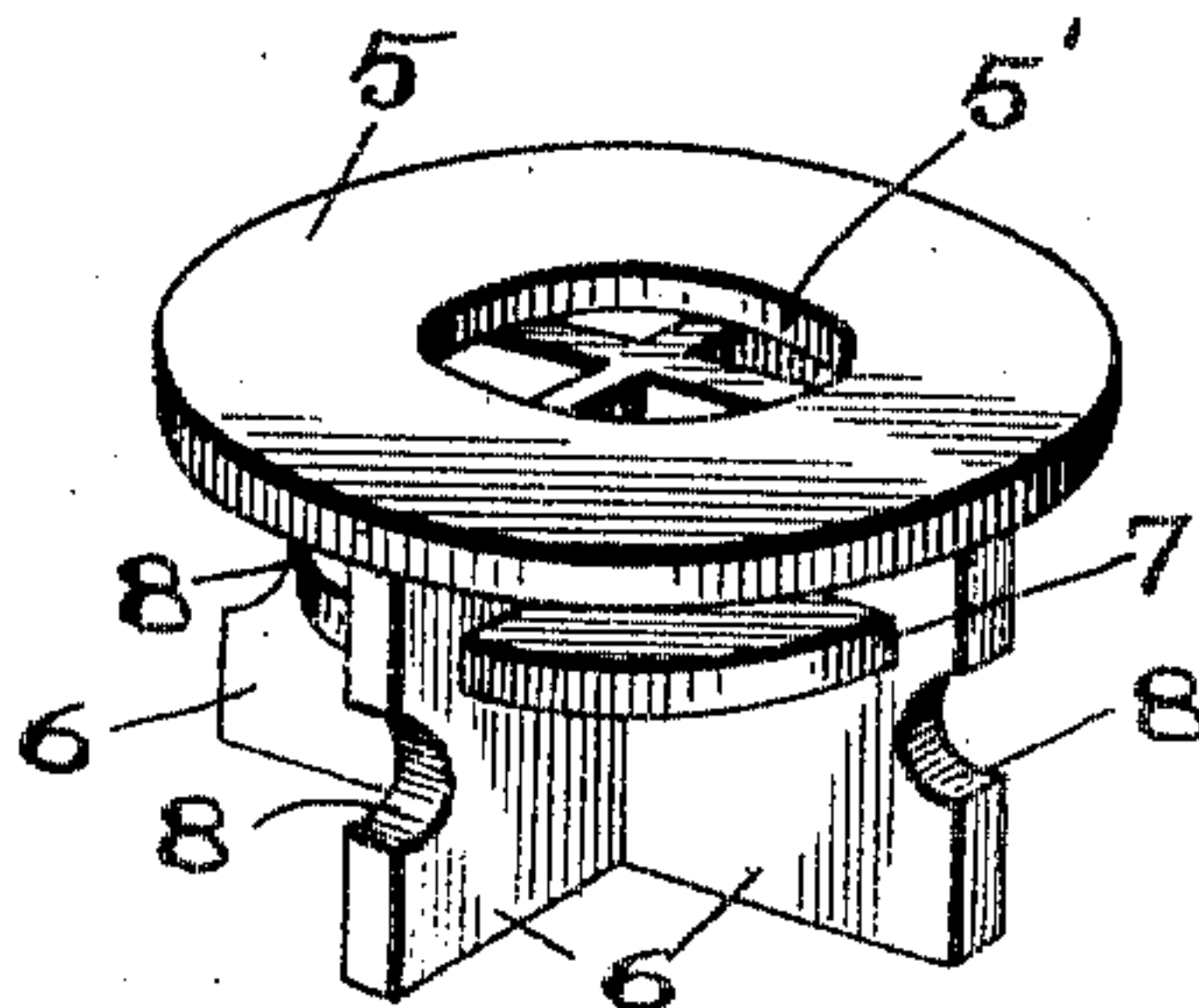
APPLICATION FILED JULY 29, 1904.

NO MODEL.

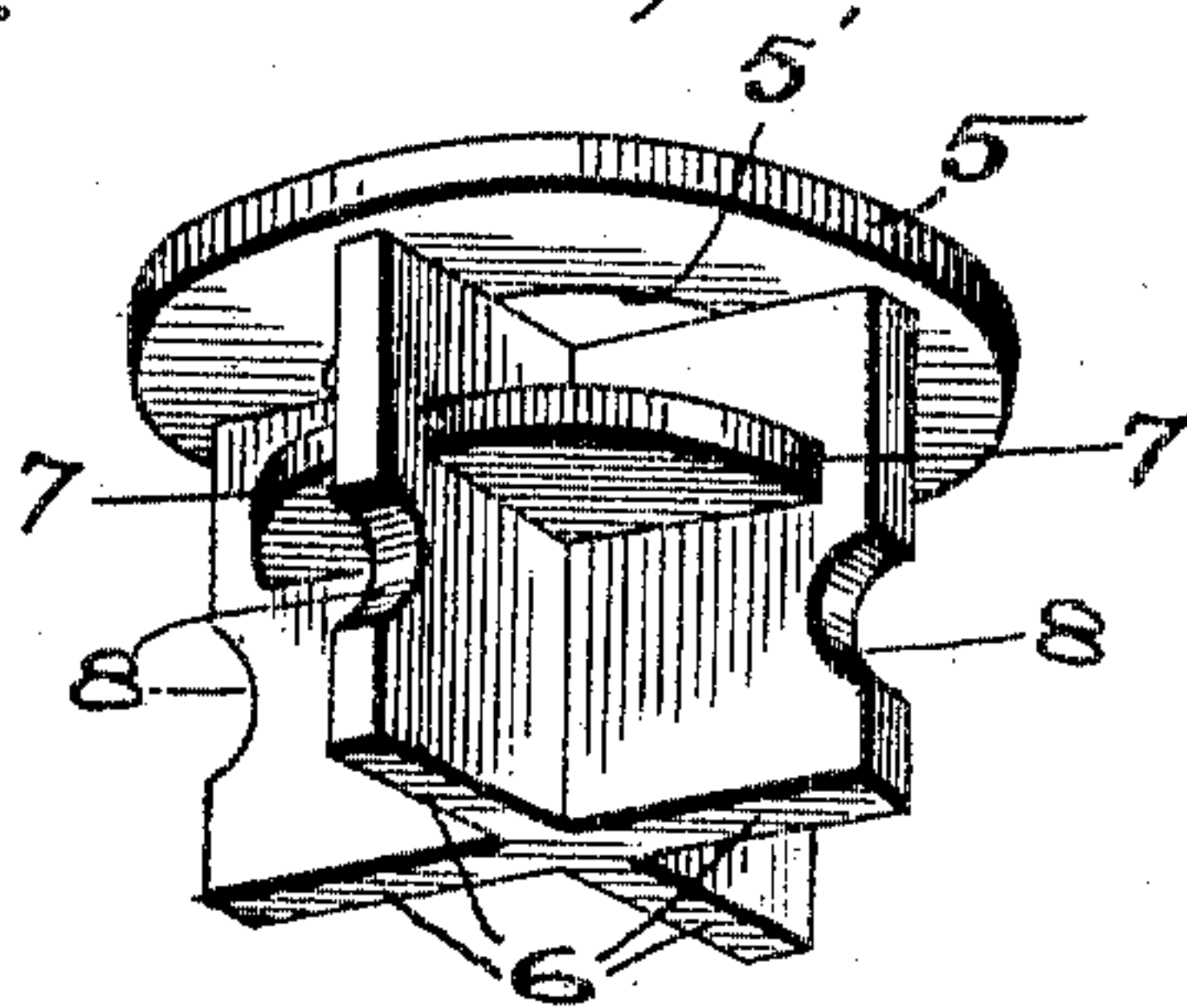
*Fig. I.*



*Fig. II.*



*Fig. III.*



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# UNITED STATES PATENT OFFICE.

EMILE RISSE, OF ST. LOUIS, MISSOURI.

## NON-REFILLABLE BOTTLE.

SPECIFICATION forming part of Letters Patent No. 776,760, dated December 6, 1904.

Application filed July 29, 1904. Serial No. 218,679. (No model.)

*To all whom it may concern:*

Be it known that I, EMILE RISSE, a citizen of the United States, residing in the city of St. Louis and State of Missouri, have invented certain new and useful Improvements in Non-Refillable Bottles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to a guard for preventing access to the valves of non-refillable bottles to preclude the introduction of a wire or other implement for the purpose of unseating the valve to refill the bottle.

Figure I is a vertical section of the upper portion of a bottle with my guard therein. Fig. II is a perspective view of my guard. Fig. III is a perspective view looking at the under side of my guard.

1 designates a bottle-neck.

2 is a valve-supporting tube located in the bottle-neck and having a valve-seat 3.

4 is a valve that rests upon the valve-seat 3.

The tube 2 may be secured in the bottle-neck by any suitable means, such as by the application of cement. The guard to which my present invention relates consists of a ring 5, from which depends a series of longitudinal wings 6, integral with each other and radiating from a common center, having interposed between them transverse wings 7, that are of sufficient dimensions to extend beyond the pouring-orifice 5' in the ring 5. Each of the longitudinal wings 6 is provided with a transverse notch 8.

The described guard is seated in the upper end of the valve-tube 2, and it is held in said tube by indenting the tube into the wing-notches 8, as seen at 9, Fig. I, thereby creating a secure fastening between the guard and

tube. It will be seen that liquid may readily be discharged from the bottle through the guard, but that when an attempt is made to introduce a wire or other implement through the guard to gain access to the valve of the bottle the passage of the implement is obstructed by both the longitudinal and transverse wings 6 and 7, as a consequence of which the implement is deflected to a degree that renders it impossible to pass it inwardly through the guard.

I claim as my invention—

1. A guard for bottles, consisting of a top ring, a series of longitudinal wings radiating from a common center and integral with each other at such center, and transverse wings interposed between said longitudinal wings, substantially as set forth.

2. The combination in a bottle, of a valve-tube seated in the bottle-neck, and a guard seated in said valve-tube and consisting of a top ring, a series of longitudinal wings radiating from a common center and integral with each other at such center, and transverse wings interposed between said longitudinal wings, substantially as set forth.

3. The combination with a bottle, of a valve-tube seated in the neck of said bottle, and a guard seated in said valve-tube and consisting of a top ring, longitudinal wings provided with notches extending transversely thereof, and transverse wings interposed between said longitudinal wings; said longitudinal-wing notches being adapted to have said bottle-tube indented thereinto, substantially as set forth.

EMILE RISSE.

In presence of—

BLANCHE HOGAN,  
NELLIE V. ALEXANDER.