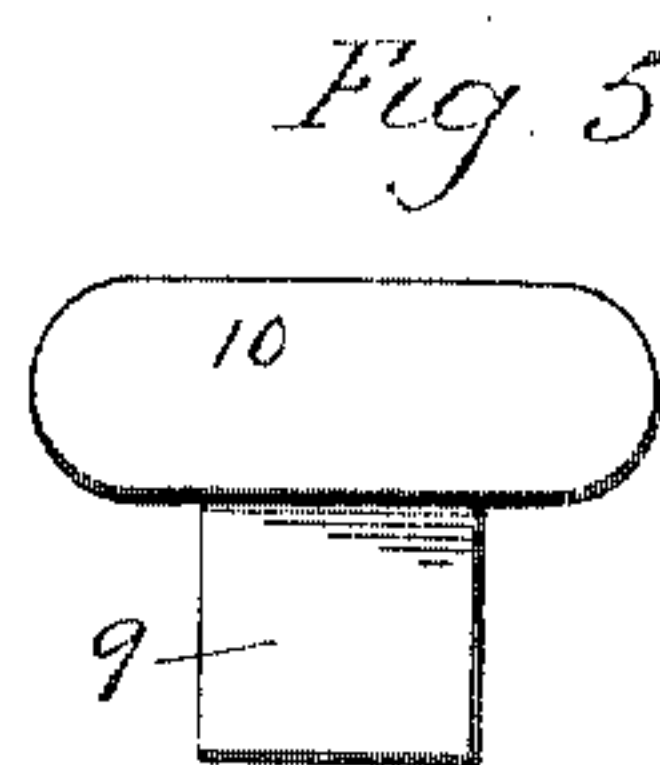
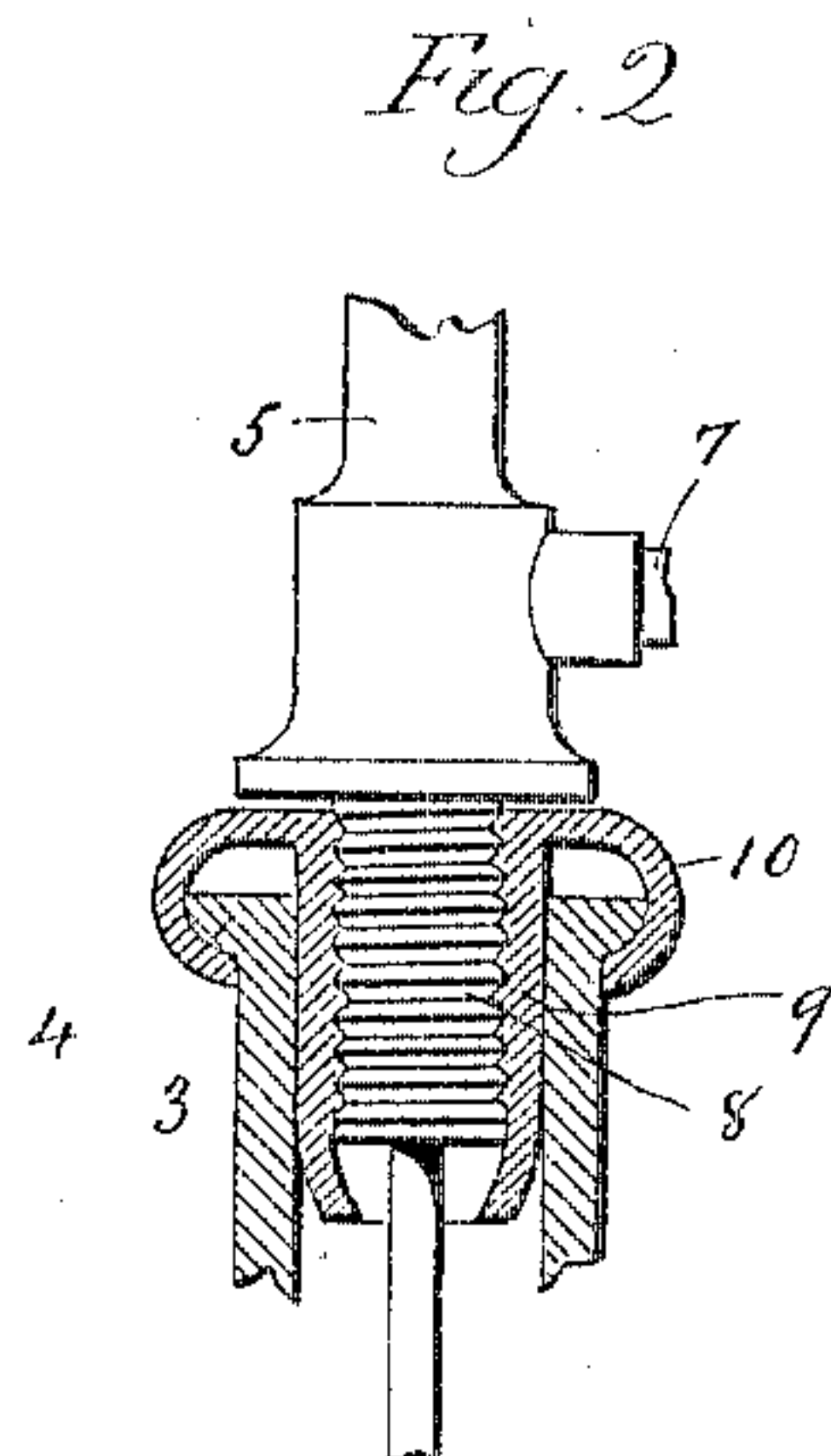
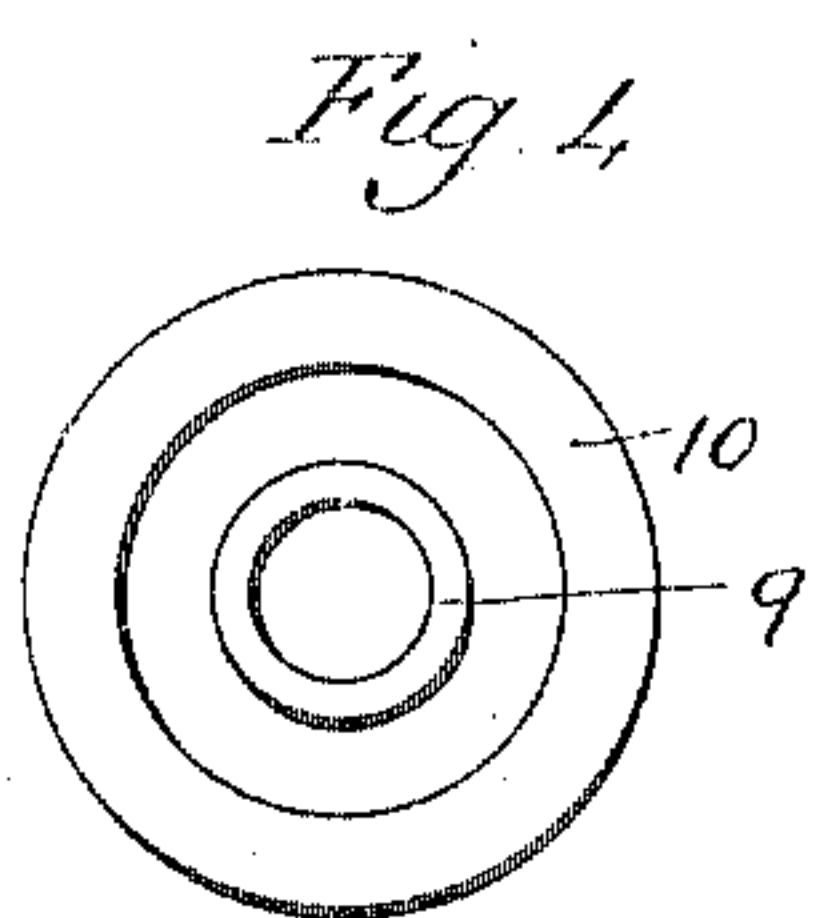
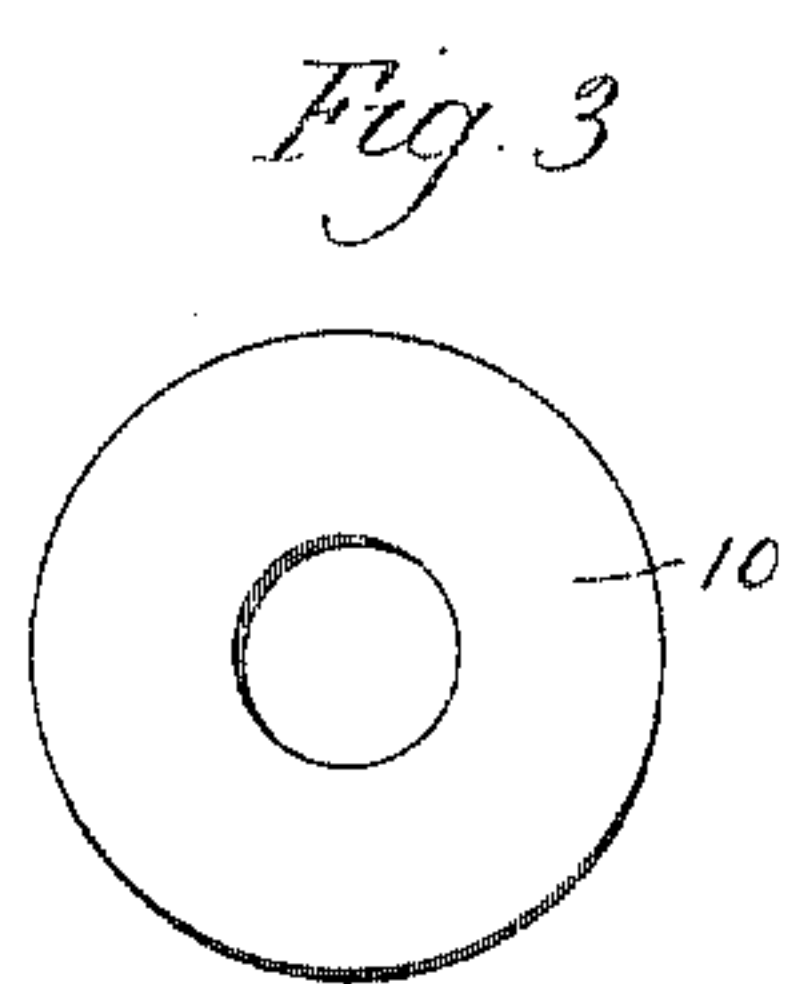
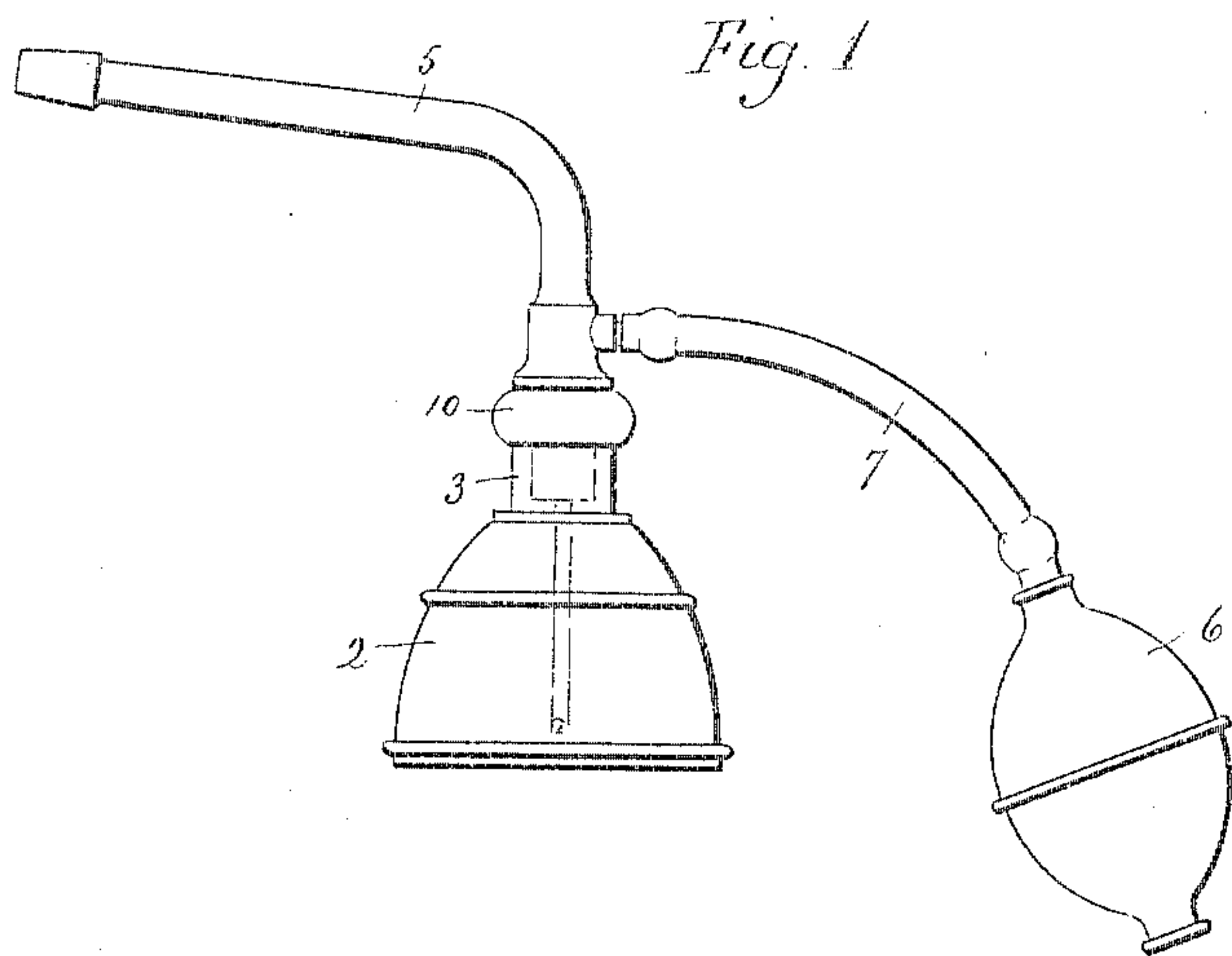


No. 794,033.

PATENTED JULY 4, 1905.

E. E. MENGES.  
ATOMIZER.  
APPLICATION FILED MAR. 20, 1905.



Witnesses.  
J. H. Shumway  
Claire L. Weed.

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Inventor.  
By atty Seymour & Carey

# UNITED STATES PATENT OFFICE.

EDWARD E. MENGES, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO  
THE SEAMLESS RUBBER CO., OF NEW HAVEN, CONNECTICUT, A  
CORPORATION.

## ATOMIZER.

SPECIFICATION forming part of Letters Patent No. 794,033, dated July 4, 1905.

Application filed March 20, 1905. Serial No. 250,950.

*To all whom it may concern:*

Be it known that I, EDWARD E. MENGES, a citizen of the United States, residing at New Haven, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Atomizers; and I do hereby declare the following, when taken in connection with the accompanying drawings and the figures of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a side view of an atomizer constructed in accordance with my invention; Fig. 2, a broken sectional view showing the plug and packing-sleeve with its interlocking flange in vertical section; Fig. 3, a top or plan view of the flanged sleeve detached; Fig. 4, an under side view; Fig. 5, a side view.

This invention relates to an improvement in atomizers, and particularly to that class which consists of a plug adapted to fit into the neck of a bottle, through which plug the tubes of the atomizer extend. As usually constructed in this class of atomizers a flexible rubber band or ring is placed around the plug to make a tight fit with the mouth of the bottle; but notwithstanding the flexibility of the rubber the plug is liable to be accidentally withdrawn.

The object of this invention is to provide means for holding the plug in connection with the bottle, prevent leakage around the plug, and avoid the possibility of accidental displacement; and the invention consists in the construction as hereinafter described, and particularly recited in the claims.

The atomizer as herein shown consists of a bottle 2 of any approved design, having the usual neck 3 and rim 4, in combination with an atomizer-pipe 5, bulb 6, and tube 7, which connects with the tubes through the usual plug 8. Around the plug is a sleeve 9,

of rubber, the plug preferably being threaded, so as to have a close engagement with the sleeve. At the upper end of the sleeve is a flange 10, which turns down over and under the edge of the rim 4, so as to closely engage the upper end of the neck of the bottle. This flange not only holds the plug in position, but assists in making a tight joint between the plug and the bottle. The flange being flexible is easily removed and as easily replaced, so that it does not prevent the ready removal of the plug for refilling the bottle when desired.

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

1. The combination with an atomizer-bottle and atomizing mechanism therefor including a plug adapted to enter into and closely fit the mouth of the bottle, of a sleeve surrounding the said plug said sleeve formed with a flexible flange at its upper end extending over the top of the bottle and into engagement with the neck thereof, substantially as described.

2. The combination with an atomizer-bottle and atomizing mechanism therefor, including a plug adapted to enter into and closely fit the mouth of the bottle, of a sleeve surrounding said plug, said sleeve formed with a flexible flange at its upper end, projecting outward, downward and inward over the top of the bottle and into engagement with the neck of the bottle so as to surround the upper end thereof, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

EDWARD E. MENGES.

Witnesses:

DAVID F. DODDS,  
HARRY W. GORDON.