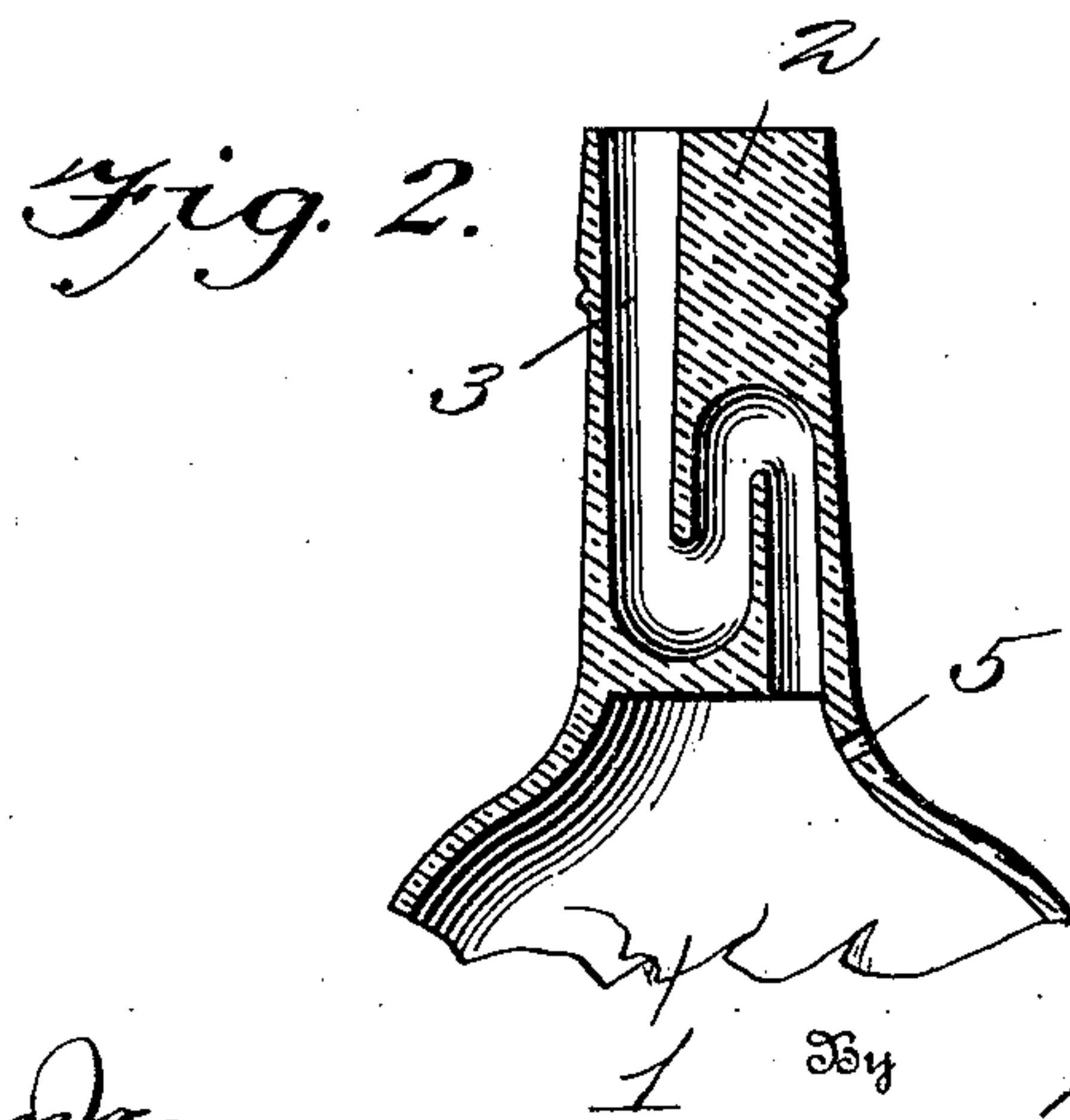
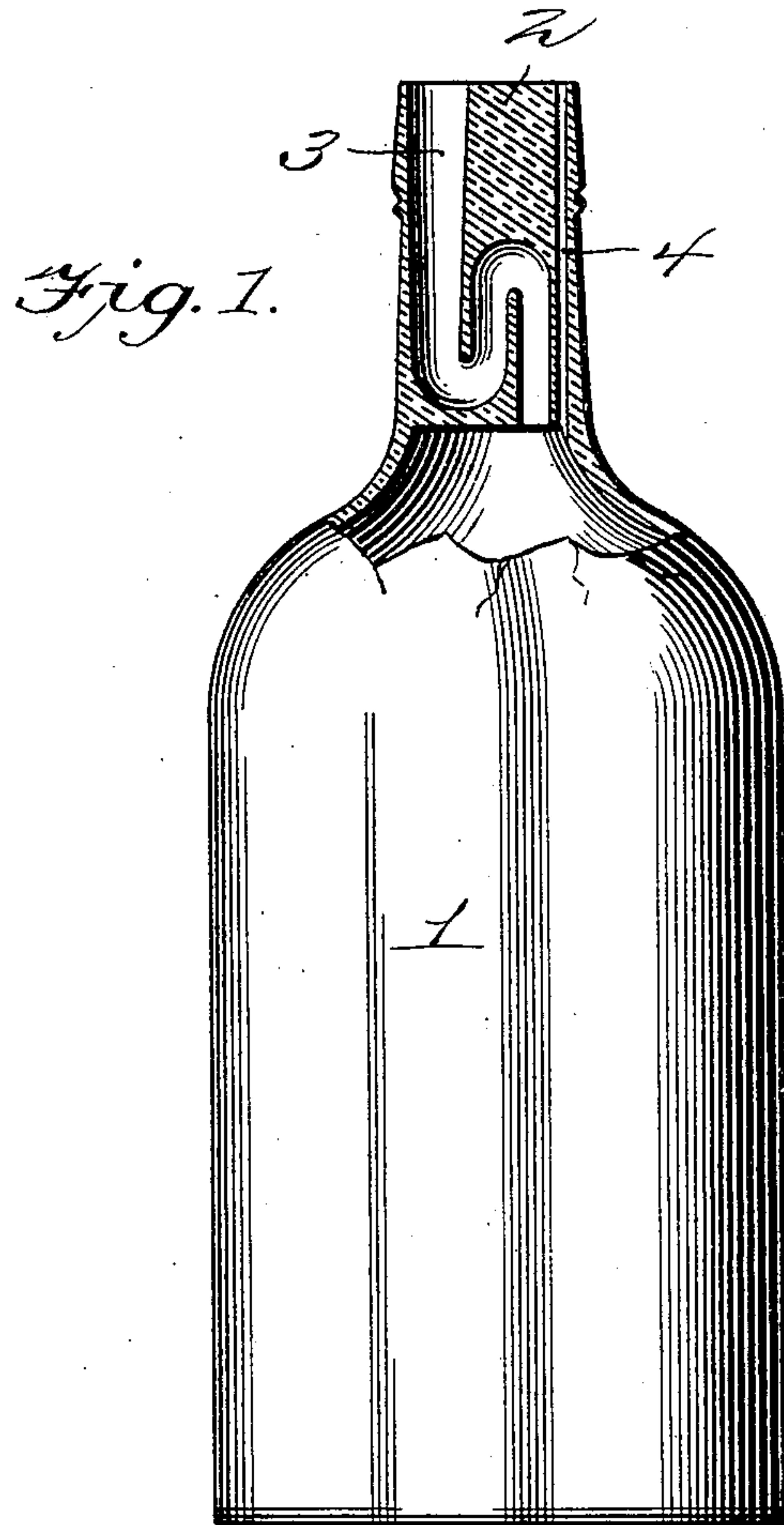


No. 763,290.

PATENTED JUNE 21, 1904.

A. JOHNSON.  
NON-REFILLABLE BOTTLE.  
APPLICATION FILED OCT. 28, 1903.

NO MODEL.



Witnesses

*Geo. Ackema Jr.*  
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*Algot Johnson*

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## UNITED STATES PATENT OFFICE.

ALGOT JOHNSON, OF DENVER, COLORADO.

## NON-REFILLABLE BOTTLE.

SPECIFICATION forming part of Letters Patent No. 763,290, dated June 21, 1904.

Application filed October 28, 1903. Serial No. 178,857. (No model.)

*To all whom it may concern:*

Be it known that I, ALGOT JOHNSON, a citizen of the United States, residing in the city and county of Denver and State of Colorado, have  
5 invented new and useful Improvements in Non-Refillable Bottles, of which the following is a specification.

My invention relates to new and useful improvements in non-refillable bottles; and its  
10 object is to provide a bottle of simple construction which can be readily filled, but which cannot be filled subsequent to the discharge of the liquid first placed therein.

The invention consists in providing a bottle the neck of which is provided with a tortuous passage and a vent is formed in the bottle adjacent the neck. The passage in the bottle-neck is adapted to be closed by a cork or other suitable device, and the vent is permanently sealed after the bottle has been first filled.

The invention also consists in the novel construction and combination of parts hereinafter more fully described and claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is an elevation of a bottle constructed in accordance with my invention, the neck thereof being shown in section; and Fig. 2 is  
30 a section through a bottle having a modified form of neck.

Referring to the figures by numerals of reference, 1 is a bottle having a neck 2, in which is formed a substantially S-shaped passage  
35 3, and a vent 4 is formed within the neck, but does not communicate with the passage 3. The bottle is filled by pouring liquid into the passage 3, from which it will pass downward into the bottle 1 and will force air outward through the vent 4. After the bottle has been  
40 filled the passage 3 is closed by a cork or other

suitable device and the vent 4 is permanently sealed in any suitable manner. The contents of the bottle can be removed by first extracting the closure within the passage 3 and then  
45 pouring the liquid outward through said passage; but it will be understood that the bottle cannot again be filled, because no means are provided for permitting the escape of the air during the filling operation.

The construction of bottle illustrated in Fig. 2 is substantially similar to that above described with the exception that the vent 5 is formed in the side of the bottle instead of in the neck 2.

In the foregoing description I have shown the preferred form of my invention; but I am aware that modifications may be made therein without departing from the spirit or sacrificing any of the advantages thereof, and I  
60 therefore reserve the right to make such changes as fairly fall within the scope of my invention.

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

A non-refillable bottle formed in a single piece of material and having a neck, said neck having an S-shaped passage extending from one end to the other thereof, and an air-vent  
70 extending longitudinally within the neck and from end to end thereof, said vent being removed from the passage, and communicating directly with the interior of the body of the bottle.

In testimony whereof I affix my signature in presence of two witnesses.

ALGOT JOHNSON.

Witnesses:

CALVIN E. REED,  
ERNEST L. WILLIAMS.