

(No Model.)

J. D. FITZ-PATRICK.
NON-REFILLABLE BOTTLE.

No. 585,195.

Patented June 29, 1897.

Fig. 1.

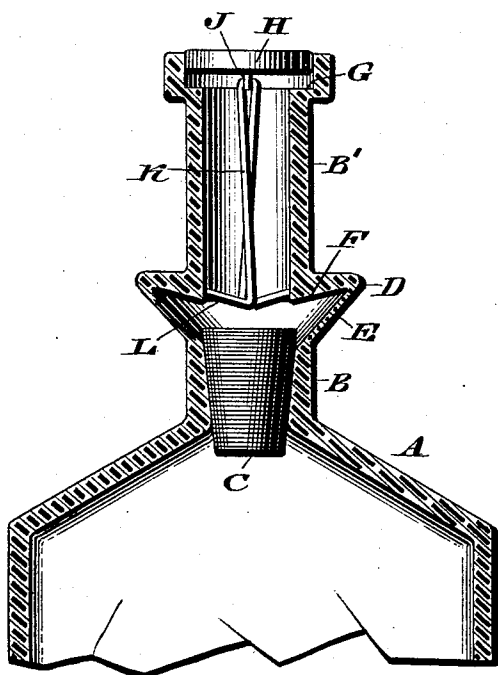


Fig. 2.

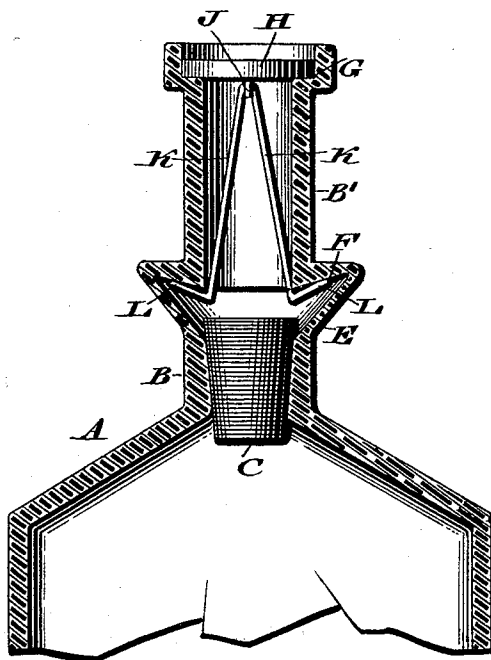
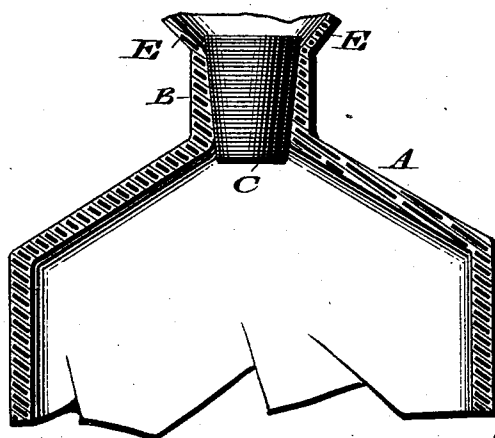


Fig. 3.



WITNESSES:

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JOHN D. FITZ-PATRICK, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF
ONE-HALF TO HARMON ROBINSON, OF SAME PLACE.

NON-REFILLABLE BOTTLE.

SPECIFICATION forming part of Letters Patent No. 585,195, dated June 29, 1897.

Application filed October 7, 1896. Serial No. 608,073. (No model.)

To all whom it may concern:

Be it known that I, JOHN D. FITZ-PATRICK, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Non-Refillable Bottles, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of an improvement in non-refillable bottles, whereby access to the contents of the bottle cannot be had without breaking the neck of said bottle.

Figures 1 and 2 represent vertical sections showing the parts in different positions. Fig. 3 represents a vertical section showing the bottle after the same has been broken.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, A designates a bottle which has a neck B, the same being adapted to receive an ordinary cork C at B'.

D designates a projection on the said neck B, the lower wall E of which is inclined inwardly and is made much thinner than the rest of the bottle, and said projection D forming an inclined shoulder F on the interior of said neck. The upper portion B' of the neck B is provided at or near the top with a shoulder G.

H designates a metallic disk or other suitable head, which has in the present instance an eye J, in which is supported the spring-arms K, formed of a single piece of material, the latter having the feet L at each end, said head sealing the mouth of the bottle.

The operation is as follows: After the bot-

tle has been filled the cork C is placed in the neck B, after which the spring-arms K are pressed together and forced in the neck B' until the arms spring out, as shown in Fig. 2, and the feet L engage the shoulder F, the disk H being adapted to be seated upon the shoulder G.

It will be seen that it will be impossible to remove the disk H and the spring-arms K, and hence the cork C, until the neck of the bottle is broken. Because of the thinness of the material at E this may readily be done, after which the cork may be removed.

I do not desire to be limited to the exact construction which I have here shown and described, but may make such changes as may come within the scope of my invention.

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

A non-refillable bottle having a neck portion adapted to receive a cork, a projection on said neck, a shoulder on the interior of said neck having an upwardly-inclined wall, a second shoulder in the upper portion of said neck, a head which is adapted to be seated on said last-mentioned shoulder, an eye or other suitable fastening device secured to said head, a spring-arm formed of a single piece of material engaged by said eye and feet on said spring-arm which are adapted to engage said first-mentioned shoulders.

JOHN D. FITZ-PATRICK.

Witnesses:

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