

(No Model.)

G. LE GRAND KEELER.

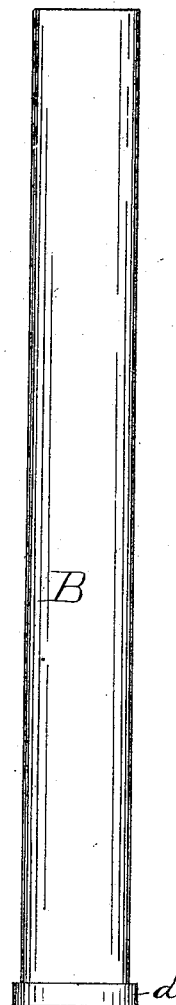
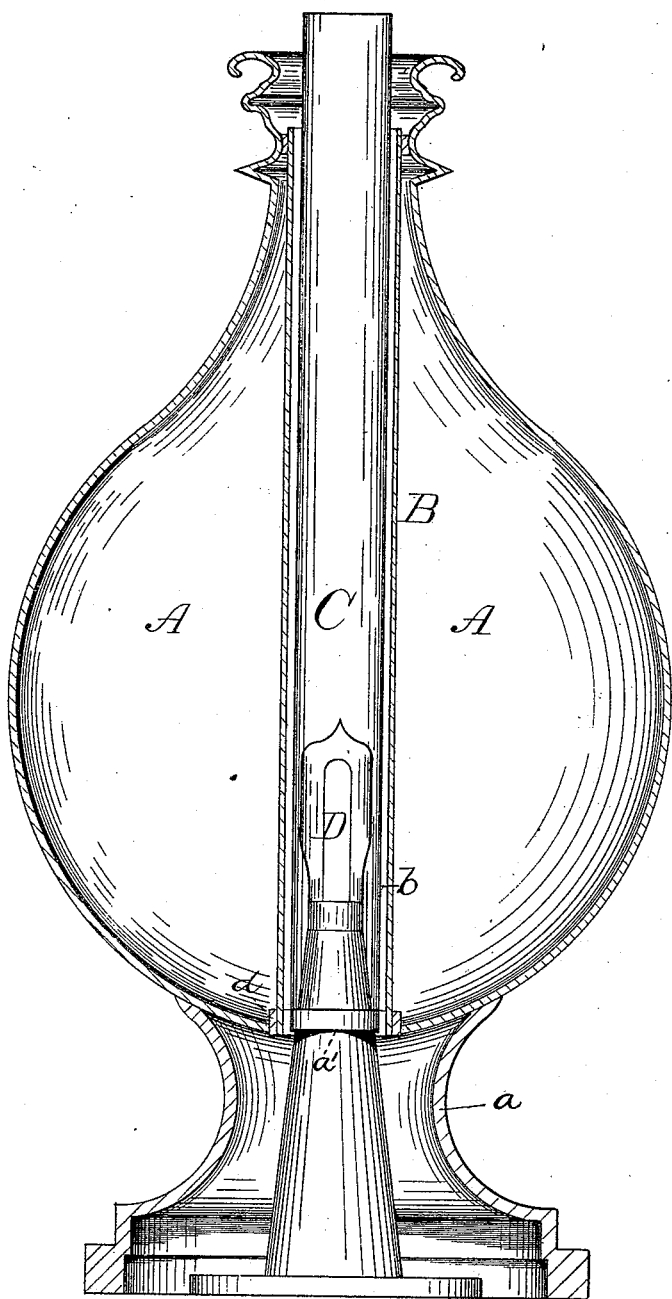
SHOW BOTTLE.

No. 343,179.

Patented June 8, 1886.

Fig. 1.

Fig. 2.



WITNESSES;

R. G. Du Bois.
Jos. H. Blackwood.

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UNITED STATES PATENT OFFICE.

GEORGE LE GRAND KEELER, OF WAVERLY, NEW YORK.

SHOW-BOTTLE.

SPECIFICATION forming part of Letters Patent No. 343,179, dated June 8, 1886.

Application filed May 21, 1885. Serial No. 166,275. (No model.)

To all whom it may concern:

Be it known that I, GEORGE LE GRAND KEELER, a citizen of the United States, residing at Waverly, in the county of Tioga and State of New York, have invented certain new and useful Improvements in Show-Bottles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in show-bottles; and it consists of a globe or bottle for holding the liquid to be illuminated, in combination with the means for illumination, as hereinafter described and claimed. It is illustrated in the accompanying drawings, in which—

Figure 1 is a vertical sectional view, and Fig. 2 a detail view.

A is the bottle or globe, the standard *a* of which is provided with passage *a'*, which extends into the bottle. The bottle is also provided with a neck and a top passage, through which the liquid is passed into the bottle.

B is a tube, provided with rubber-ring packing *d*, which, when the tube is inserted in the bottle, fits tightly in the passage *a*, thus preventing the liquid in the bottle from leaking out. The tube may also be provided with an upper packing to make a close fit at the neck. The bottle can be blown in one piece with the tube B; but I prefer to make it with a detachable tube.

C is a second glass tube or chimney designed to be placed within tube B and passed over a suitable light, D, and so arranged as to leave an air-passage, *b*, between it and the outer tube, whereby the outer tube is prevented from being broken by the heat. The light D

may be an incandescent electric light, or a gas-lamp, or candle flame, constructed and arranged in connection with the inner tube in any suitable manner.

In preparing the bottle for illumination the glass tube B is first inserted in place in the bottle, which is then filled with liquid of any desired color. The light, with the tube C placed over the same, is then inserted up through the standard into the tube B; or the tube C may be placed over the light from above after the latter has been inserted in the tube B.

The bottle when used for advertising purposes can be provided with transparent pictures or letters blown or otherwise fixed thereon, which, with the light in the center of the bottle, presents a very attractive appearance.

Having thus described my invention, what I claim is—

1. An illuminated show-bottle comprising, in combination, the globe for holding colored or other liquid, the outer tube adapted to be inserted in the globe, and provided with rubber packing, the inner tube to act as a chimney, and a suitable light placed within said chimney, substantially as described.

2. An illuminating show-bottle having a supporting-standard and top and bottom passages for the admission and egress of liquid, in combination with a tube extending through the central portion of the bottle and into said passages, substantially as and for the purpose described.

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

GEO. LE GRAND KEELER.

Witnesses:

C. C. BROOKS,
E. S. HANFORD.