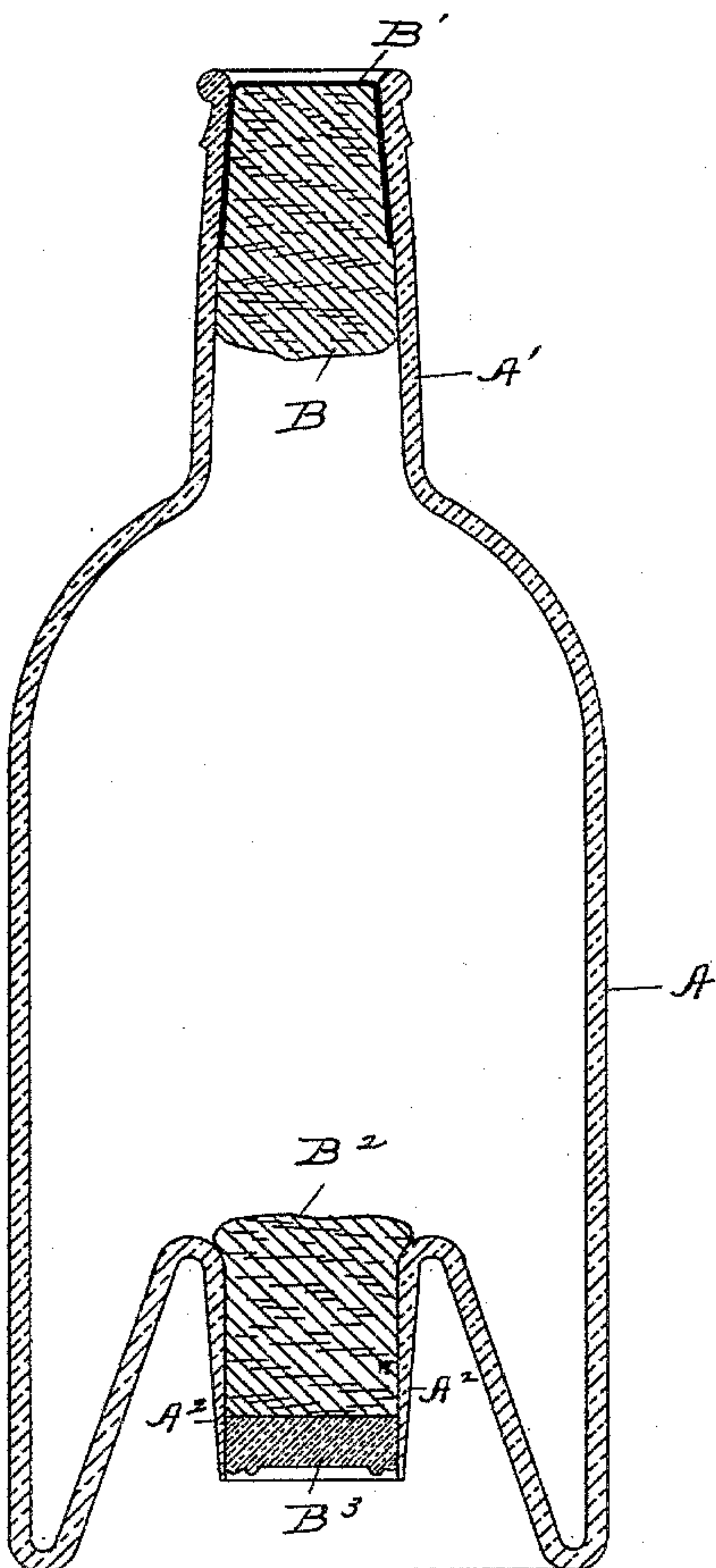


(No Model.)

W. H. FULCHER.  
BOTTLE.

No. 596,746.

Patented Jan. 4, 1898.



WITNESSES:

*Baldwin, Val.*

*John. E. Robbins,*

INVENTOR

*William H. Fulcher*

BY

*E. F. Munder & Co.*

ATTORNEYS-



# UNITED STATES PATENT OFFICE.

WILLIAM H. FULCHER, OF STOCKTON, CALIFORNIA, ASSIGNOR OF ONE-THIRD TO JOHN PERROTT, JR., OF SAME PLACE.

## BOTTLE.

SPECIFICATION forming part of Letters Patent No. 596,746, dated January 4, 1898.

Application filed January 19, 1897. Serial No. 619,801. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM H. FULCHER, a citizen of the United States, residing at Stockton, in the county of San Joaquin and State of California, have invented certain new and useful Improvements in Bottles; and I do hereby declare the following to be a full, clear, and exact description of said invention, such as will enable others skilled in the art to which it most nearly appertains to make, use, and practice the same.

This invention relates to improvements in bottles, and more particularly to that class of bottles calculated to prevent fraudulent re-filling.

The object sought to be accomplished is to provide a bottle capable of being properly corked and sealed from the bottom only.

The drawing shows a vertical section of a bottle made in conformity with this invention.

To facilitate the description with reference to the drawing, each part of the invention will be given a distinctive letter of reference.

Let A designate the body of the bottle; A', the upper and A<sup>2</sup> the lower neck; B and B', the upper cork or stopper and seal therefor, and B<sup>2</sup> B<sup>3</sup> the lower stopper and seal.

The first requirement in using the bottle is to stop the upper opening with a cork or suitable substitute partially incased by the seal B', as shown. This seal may be of tin-foil or similar material, having the proprietor's name, monogram, or trade-mark thereon. The cork is inserted into the bottle through the opening in the bottom and rammed into position. The seal or label B' being slightly below the mouth of the neck is safe from injury or abrasion. The safety of the users of this bottle lies in maintaining this seal B' intact and in good condition. Owing to the taper in the neck of the bottle it would be impossible to insert a cork from the outer end of the neck and preserve the seal B' in perfect condition if made of frail material.

The only change from the old forms in this bottle as blown lies in the formation of the bottom and the slightly-increased taper in the neck, although the latter is simply an additional precaution.

My bottle resembles the ordinary wine-bottle, with the exception of the additional neck

or mouth A<sup>2</sup> in the bottom. The opening therein is purposely somewhat larger than the upper to permit a freer passage of the first or upper cork B. After the stopper B has been forced into place the bottle is inverted and the liquor poured in through the bottom neck A<sup>2</sup> and the opening stopped and the cement B<sup>3</sup> poured in on the stopper B<sup>2</sup>, as shown. While the cement is in a plastic state a private device or impression may be stamped thereon. The cement for this purpose must be sufficiently hard when set to prevent its removal without injury to the bottle. To increase this danger, the neck A<sup>2</sup> is blown very thin.

As an alternative a glass stopper coated with suitable cement may be used, which it would be impossible to extract.

The usefulness of the bottle is not necessarily destroyed after the contents have been drawn, as the bottom is still intact, but it does prevent recorking and sealing of the mouth of the bottle, as described.

Having thus described my invention, what I claim is—

In a bottle a body provided with two tapered necks, one at the top and the other in the bottom, the former extending outward from the body and the latter into the body of the bottle and each provided with openings at the top and the opening in the lower neck adapted to pass the stopper of the upper neck, in combination with a compressible stopper for the upper neck of a diameter sufficiently large to compel its introduction into the upper neck from below, a fragile wrapper adapted to be fitted over the top of and extended about the upper part of the body of the said stopper before the same is inserted in the upper neck and to be held in position by the said stopper when so inserted, and a suitable seal for the lower neck adapted to set and harden in position to close the said neck permanently after the bottle has been filled, substantially as described.

In witness whereof I have hereunto set my hand this 11th day of January, 1897.

WILLIAM H. FULCHER.

Witnesses:

A. H. ASHLEY,  
R. C. MINOR.