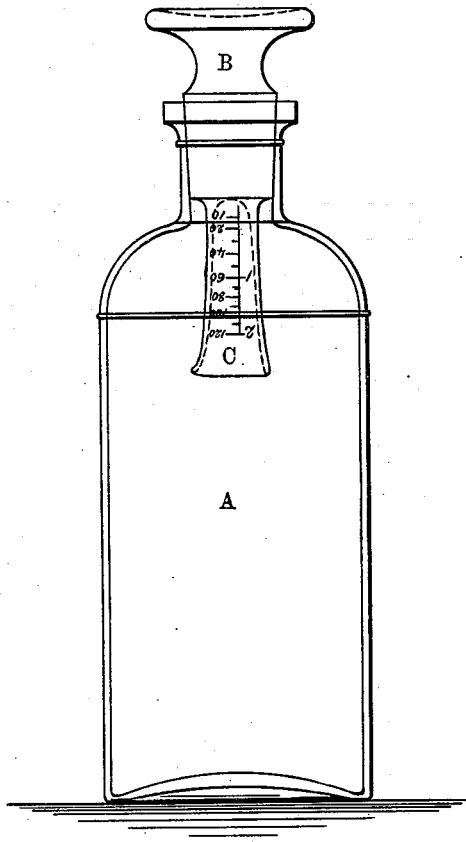


W. L. KELLER.
Measuring Stopper for Bottles.

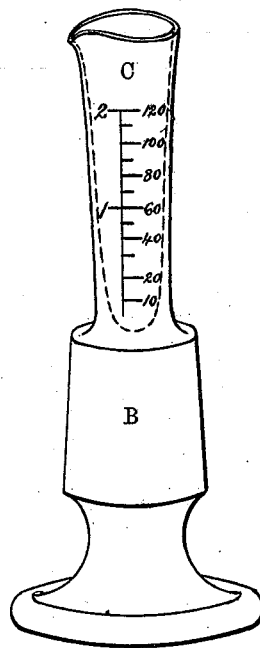
No. 202,268.

Patented April 9, 1878.

— FIG. I —



— FIG. II —



— WITNESSES —

Wm. W. Johnson
W. W. Wharton

— INVENTOR —

William L. Keller
by *G. H. P. Howard*
Atty.

UNITED STATES PATENT OFFICE.

WILMER L. KELLER, OF BALTIMORE, MARYLAND.

IMPROVEMENT IN MEASURING-STOPPERS FOR BOTTLES.

Specification forming part of Letters Patent No. **202,268**, dated April 9, 1878; application filed August 9, 1877.

To all whom it may concern:

Be it known that I, WILMER L. KELLER, of the city of Baltimore and State of Maryland, have invented an Improved Measuring Bottle-Stopper, of which the following is a specification; and I do hereby declare that in the same is contained a full, clear, and exact description of my said invention, reference being had to the accompanying drawings and to the letters of reference marked thereon.

This invention relates to an improved measuring-stopper, to be applied to bottles ordinarily used by druggists and apothecaries; and it consists of an ordinary solid bottle-stopper combined with a measuring-vessel in the manner hereinafter more particularly set forth.

The object of the invention, as distinguished from that of similar devices, is to provide a stopper and measuring-vessel in one piece, in a manner which will not detract from the strength of the stopper, and at the same time to furnish druggists and others with a measuring-vessel of the familiar shape and character so long known to and favorably received by them. To this end, therefore, the device is made to consist of the ordinary stopper and a measuring-extension placed on its lower end, the stopper and measuring-vessel, while molded or formed in one piece, being in function and practice entirely separate. Thus it will be seen that the stopper, being solid, or of the ordinary character, is not weakened by reason of the addition of the measuring-vessel, which would not be the case were the latter formed within the stopper. In the event of the stopper being hollowed out for measuring purposes, a sudden wrench by the hand might cause its fracture in cases where the ground exterior of the stopper adhered by ordinary friction, or the presence of viscous substances, to the neck of the bottle; but as herein constructed this danger to the stopper is only that to which all stoppers are exposed.

In the description of the said invention

which follows reference is made to the accompanying drawings, forming a part hereof, and in which—

Figure 1 is an exterior view of a bottle provided with a stopper made in accordance with the present invention. Fig. 2 is a perspective view of the stopper on an enlarged scale.

Similar letters of reference indicate similar parts of the invention in both the views.

A is a bottle of ordinary description, and B the stopper for the same, the inner end of which is a graduated measure, or a vessel to which a graduated measure is secured. The measure, which is represented by C, corresponds very closely to the ordinary fluid-measures commonly in use, it differing from them only in that the flare of the sides is somewhat reduced, in order to allow of the measure being inserted in the neck of the bottle to which the stopper is applied.

By means of this invention the loss usually experienced in cleansing measures of the liquid adhering to them is prevented, the liquid passing again to the bottle after the insertion of the stopper therein. The time spent in cleansing measures is also saved, and the increased expense of the stopper is trifling when its obvious advantages are taken into consideration.

Having thus described my invention, what I claim as new, and wish to secure by Letters Patent of the United States, is—

A solid bottle-stopper having a measuring extension upon its lower end, and clear from contact with the neck of the bottle when the stopper is placed therein, substantially as specified.

In testimony whereof I have hereunto subscribed my name this 3d day of July, 1877.

WILMER L. KELLER.

Witnesses:

WM. T. HOWARD,
JNO. T. MADDOX.