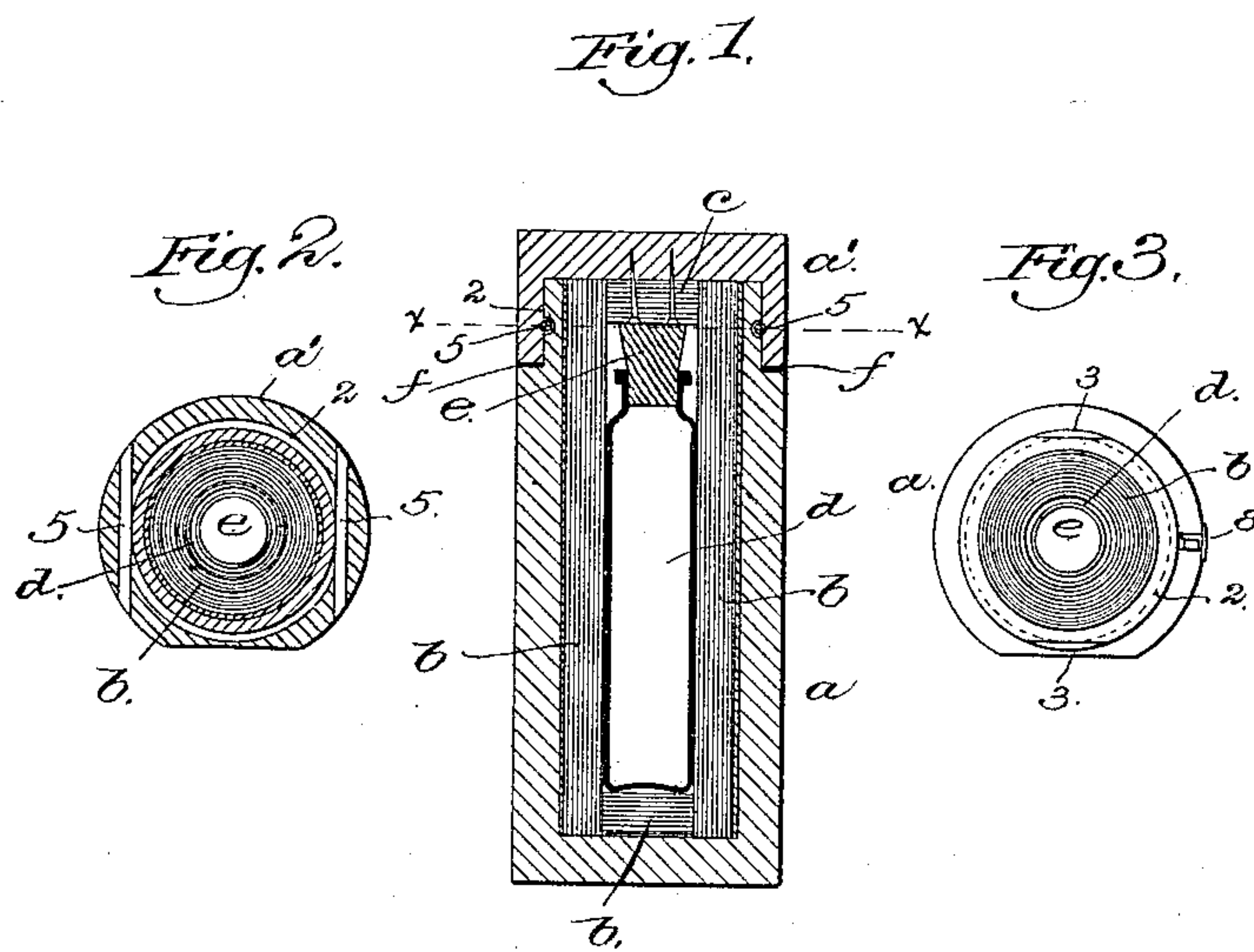


(No Model.)

S. FROST.
BOTTLE HOLDER.

No. 350,731.

Patented Oct. 12, 1886.



Witnesses
John F. C. Prinkard.
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Inventor:
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UNITED STATES PATENT OFFICE.

STILES FROST, OF BOSTON, MASSACHUSETTS.

BOTTLE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 350,731, dated October 12, 1886.

Application filed January 15, 1886. Serial No. 188,633. (No model.)

To all whom it may concern:

Be it known that I, STILES FROST, of Boston, county of Suffolk, State of Massachusetts, have invented an Improvement in Bottle-Holders, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object the production of a holder for glass bottles or other vessels containing liquid while being transported by mail or in trunks or otherwise.

My invention consists, essentially, in a bottle-holder composed of an outer case having a thick bibulous lining, preferably of paper or other rapid absorbent of liquid, the cover of the case having a thick bibulous plug or stopper to enter the bibulous lining and snugly close its open end, the said lining, plug, and bottom piece of the lining forming the surfaces next to the bottle, so that in case of accident to the latter the contents of the bottle will be quickly and effectually absorbed.

The cap or cover of the holder is confined firmly in place by a suitable locking device.

Figure 1, in longitudinal section, represents a bottle-holder embodying my invention. Fig. 2 is a horizontal section on line *x x*; and Fig. 3 is a top view of the case with the cover removed.

Referring to the drawings, *a* is a case or jacket composed of wood or other suitable material of proper strength and of light weight, and *a'* is its cover. The interior of the case is provided with a thick bibulous lining, *b*, the material of the lining being preferably of thick unsized paper or other equivalent material having the property of quickly absorbing a liquid. The cover *a'* has attached to it in suitable manner the lining-plug *c*, which enters snugly and fills the open end of the space left within the lining, as in Fig. 1.

The bottle *d*, of glass or other usual material, is shown as plugged by an india-rubber, or it may be by a cork stopper, *e*, and the plug *c* acts to hold the stopper in the bottle when the cover is fastened to the body of the case.

The lining, besides acting as an absorbent to quickly take up and absorb the liquid from the broken bottle, also acts as a packing to almost entirely obviate the liability of the bottle breaking by reason of the usual shocks

which the case meets with during transportation.

The thickness of the bibulous lining will be in proportion to the quantity of the liquid contained in the bottle.

The lining will preferably be held in the case by an india-rubber or water-proof cement.

I am aware that bottles containing liquid have been packed in boxes containing cotton, the latter being employed chiefly to lessen concussion.

The cover *a'* is flanged to surround a reduced portion of the body of the case, and preferably the joint between them will be packed, as at *f*. The reduced portion 2 of the case at its top is cut away at two opposite points, as shown at 3 3, Fig. 3, the cut so formed leading into and exposing the annular groove midway in the said reduced portion. The cover is provided with two pins or rods, 5 5, driven through it at a proper distance from its inner side to come into line with the said annular groove when the cover is on the case, as in Fig. 1, the cover, when applied to the case, being so held as to place the two pins or rods parallel with relation to and next to the cut-away portions 3 3, thus placing the said pins, when the cover is pushed down, in the line of or opposite the said groove, so that the partial rotation of the cover will cause the pins 5 5 to enter the said groove, thus locking the cover on the said extension of the case.

In practice a suitable spring catch or bolt, 8, may be employed to engage the cover and prevent it from being rotated on the end of the case.

It is obvious that the cover may be otherwise held to the case than by the specific devices herein shown; so I do not desire to limit my invention to such devices in themselves.

I claim—

In a bottle-holder, the case having a thick lining of bibulous paper, the cover of the case having a bibulous stopper to enter the space in the bibulous lining, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

STILES FROST.

Witnesses:

B. J. NOYES,
F. L. EMERY.