

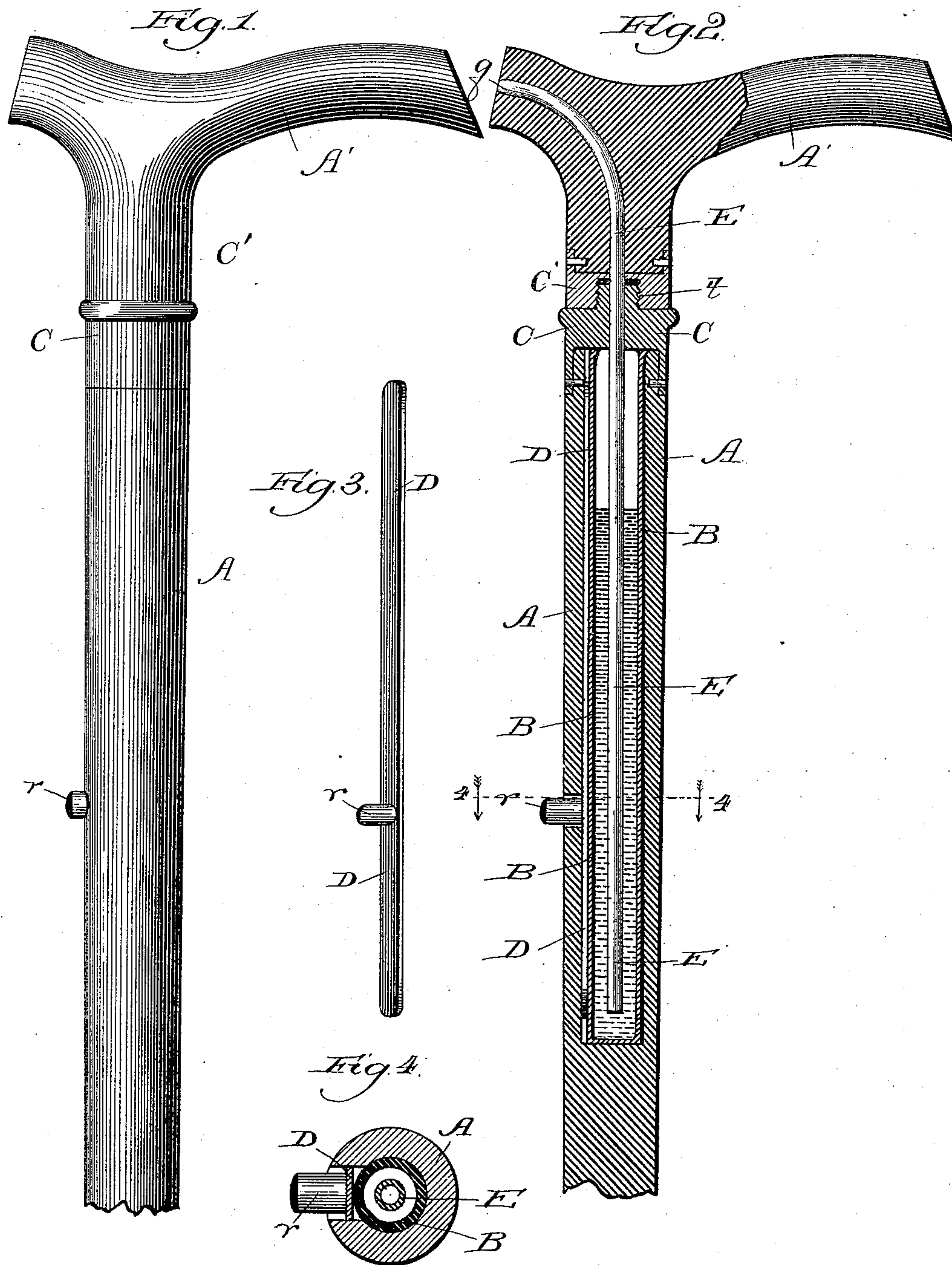
(No Model.)

H. & L. IWAN.

LIQUID RECEPTACLE FOR CANES AND THE LIKE.

No. 344,966.

Patented July 6, 1886.



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UNITED STATES PATENT OFFICE.

HENRY IWAN AND LOUIS IWAN, OF STREATOR, ILLINOIS.

LIQUID-RECEPTACLE FOR CANES AND THE LIKE.

SPECIFICATION forming part of Letters Patent No. 344,966, dated July 6, 1886.

Application filed January 15, 1886. Serial No. 188,699. (No model.)

To all whom it may concern:

Be it known that we, HENRY IWAN and LOUIS IWAN, citizens of the United States, residing at Streator, in the county of La Salle and State of Illinois, have invented a certain new and Improved Liquid-Receptacle for Canes and the Like; and we hereby declare the following to be a full, clear, and exact description of the same.

Our invention relates to an improvement in the construction of canes, umbrella and parasol handles, whip stocks, &c., whereby a receptacle charged with perfumery, disinfecting or other liquid is contained in the same, the contents of which may be expelled, as desired, through a minute orifice provided, preferably, in the handle.

It is the object of our invention to afford a liquid-receptacle in the above-named connections, which shall attain the desired ends without sacrificing the attractive appearance of the article or rendering the same complicated, cumbrous, or expensive, and without attracting attention.

To these ends our invention consists in the general construction of our improved device; and it also consists in details of the construction and combinations of parts forming the same, all as hereinafter more fully set forth.

Referring to the drawings, Figure 1 is a view in elevation of a cane provided with our improved device, a part of the stick portion being broken away to permit representation upon the sheet; Fig. 2, a sectional view illustrating the mechanism of our improved device as applied to a cane; Fig. 3, a perspective view of a detail, and Fig. 4 a sectional plan view taken on the line 4 4 of Fig. 2.

A is the stick portion of a cane, umbrella or parasol handle, whip-stock, &c., made hollow toward its upper extremity to contain a yielding, preferably tubular, receptacle, B, formed, also, preferably of rubber. The receptacle B has no opening at the bottom, and is closed at the top by impinging against or being secured in any desired manner to a ferrule, C, formed upon the upper extremity of the stick portion A; and a hollow screw-head, *t*, is provided upon the ferrule to receive a screw-threaded ferrule, C', formed upon the handle A', and affords firm connection when the device is adjusted between the latter and the stick

portion. A longitudinal recess is provided in one side of the hollow stick portion, adjacent to the receptacle B, to contain a metal presser-bar, D, having a button, *r*, formed preferably a little below its central portion and projecting through an opening provided for that purpose. A slender tube, E, ending in a minute orifice, *q*, and extending down nearly to the bottom of the receptacle B, is secured to the handle A', and permits, upon actuating the device in the manner hereinafter described, the desired discharge of liquid.

The operation of our device is as follows: The handle A' having been unscrewed and removed, carrying with it the tube E, the receptacle B may be filled with perfume or any other desired liquid through the opening thus afforded. The handle is then replaced, and with it the tube E, the opening in which, descending almost to the bottom of the receptacle, is of course always below the surface of the liquid until the latter is almost exhausted. When it is desired to make use of the contents of the device, pressure upon the thumb-piece *r* will force the bar D against the receptacle B, thereby compressing the latter and forcing the liquid through the tube E and expelling it through the orifice *q*. Besides its use as an article of luxury in its employment as a handy receptacle for perfumery, our device affords a very useful and desirable means for carrying about a disinfectant for use in case of emergency.

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination, with a hollow cane or the like, of a compressible receptacle therein to contain liquid, and provided with an escape-tube extending into the receptacle, and means, substantially as described, for compressing the said receptacle, substantially as and for the purpose set forth.

2. A cane or the like, hollow toward its upper extremity and containing a compressible water-proof receptacle, and provided with an escape-tube extending into the receptacle, a presser-bar adjacent to the said receptacle having a button accessible from the exterior of the device, whereby pressure exerted upon the button will compress the receptacle, substantially as and for the purpose set forth.

3. A cane or the like, hollow toward its up-

per extremity and containing a rubber tube, B, closed at its lower end, an escape-tube, E, supported to extend into the tube B and having an orifice, *q*, at its upper extremity, a
5 presser-bar, D, within the device adjacent to the tube B and provided with a button, *r*, accessible from the exterior of the device, whereby pressure exerted upon the button will compress the receptacle, substantially as
10 and for the purpose set forth.

4. A cane or the like having the part A, hollow toward its upper extremity and containing a rubber tube, B, to contain a liquid, closed at its lower end, an annular ferrule, C,
15 surmounting the part A and provided with a hollow screw-head, *t*, a hollow handle, A',

screwed upon the head *t*, an escape-tube, E, supported to extend at its lower end into the tube B and provided at its opposite end with a minute orifice, *q*, near the surface of the
10 handle, and a pressure-bar, D, within the part A, adjacent to the tube B, and provided with a button, *r*, extending through an opening in the part A, the whole being constructed and
25 arranged to operate substantially as and for the purpose set forth.

HENRY IWAN.
LOUIS IWAN.

In presence of—
GEO. RICHART,
THEO. ROCKENFELLER.