

(No Model.)

J. T. WALKER.  
BOTTLE STOPPER FASTENER.

No. 287,350.

Patented Oct. 23, 1883.

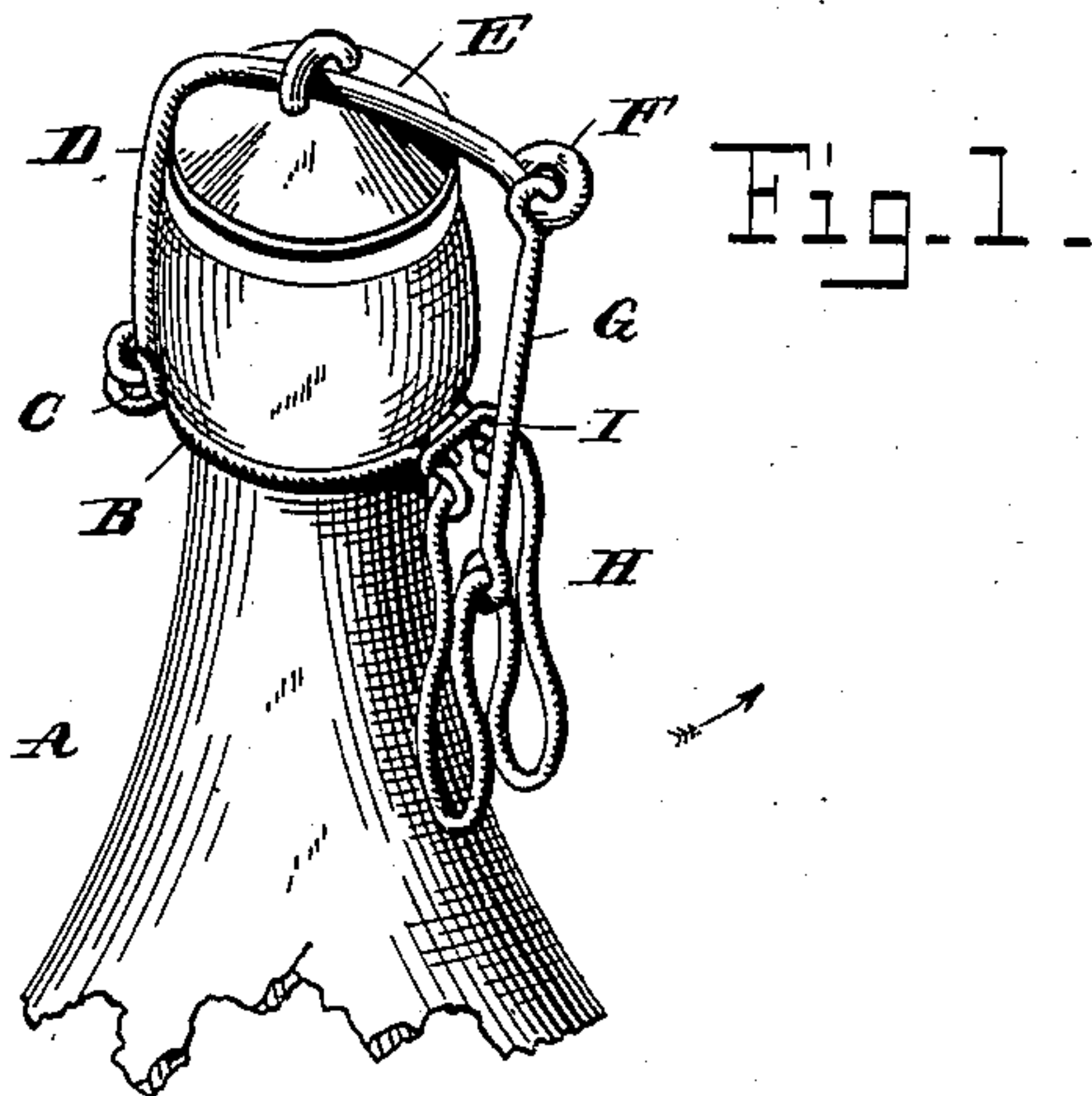


Fig. 1.

Fig. 3.

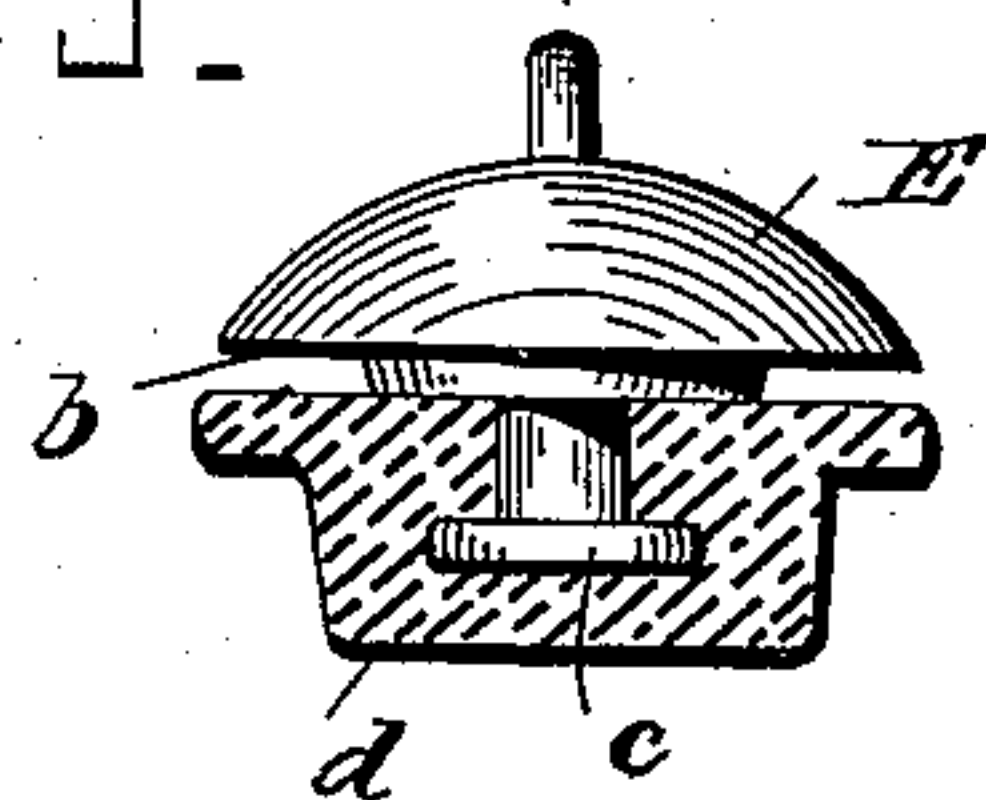


Fig. 2.

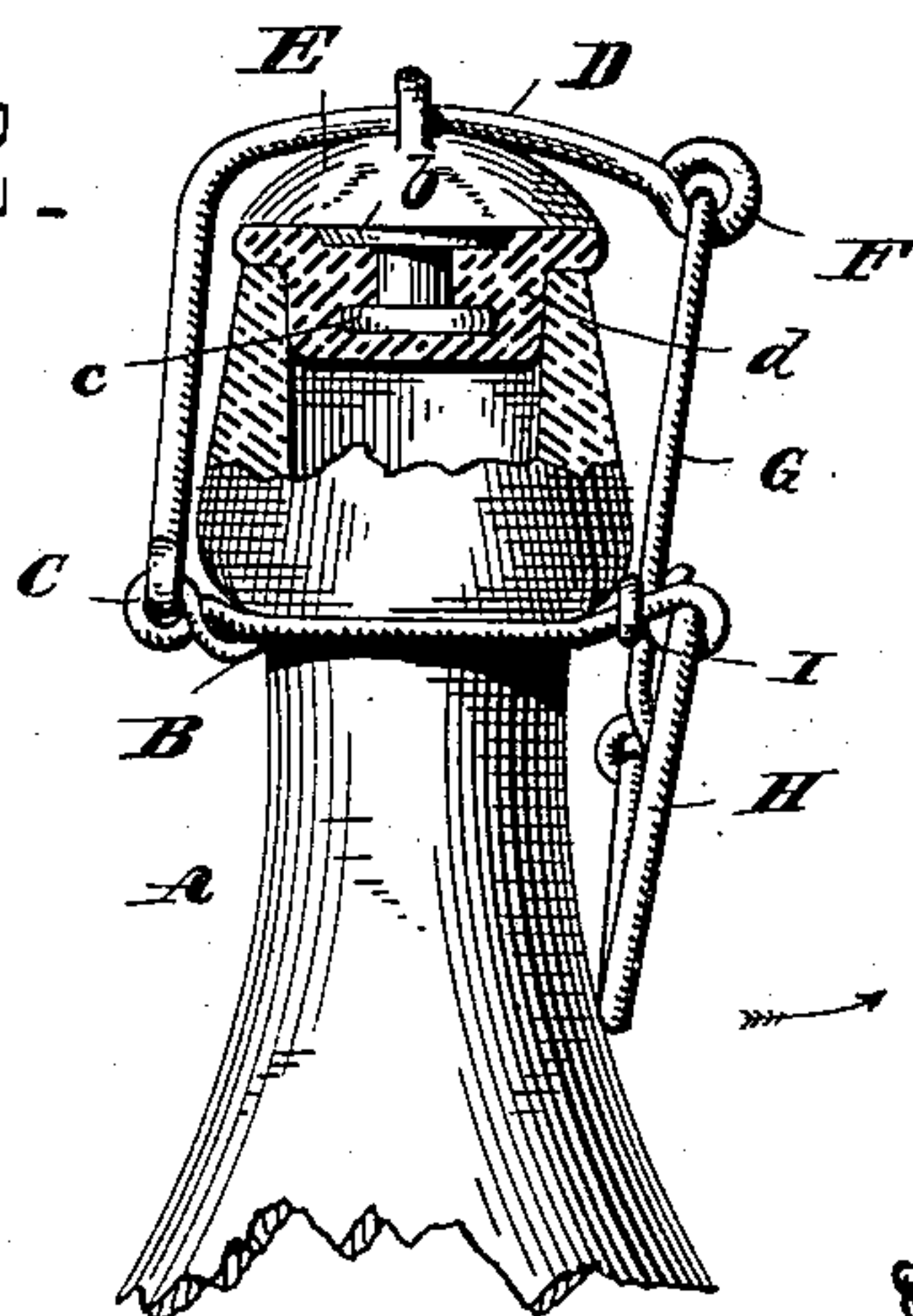


Fig. 4.

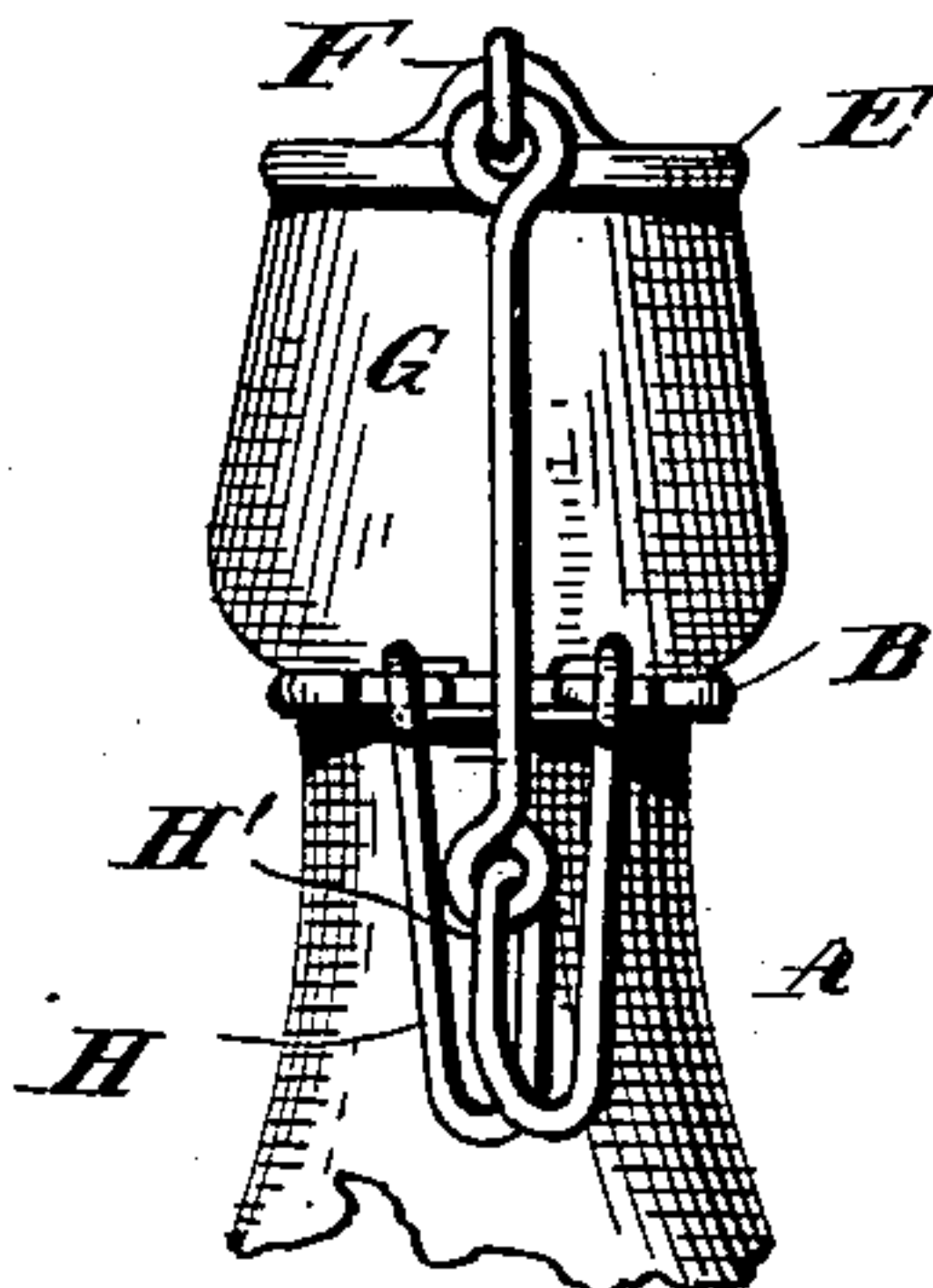
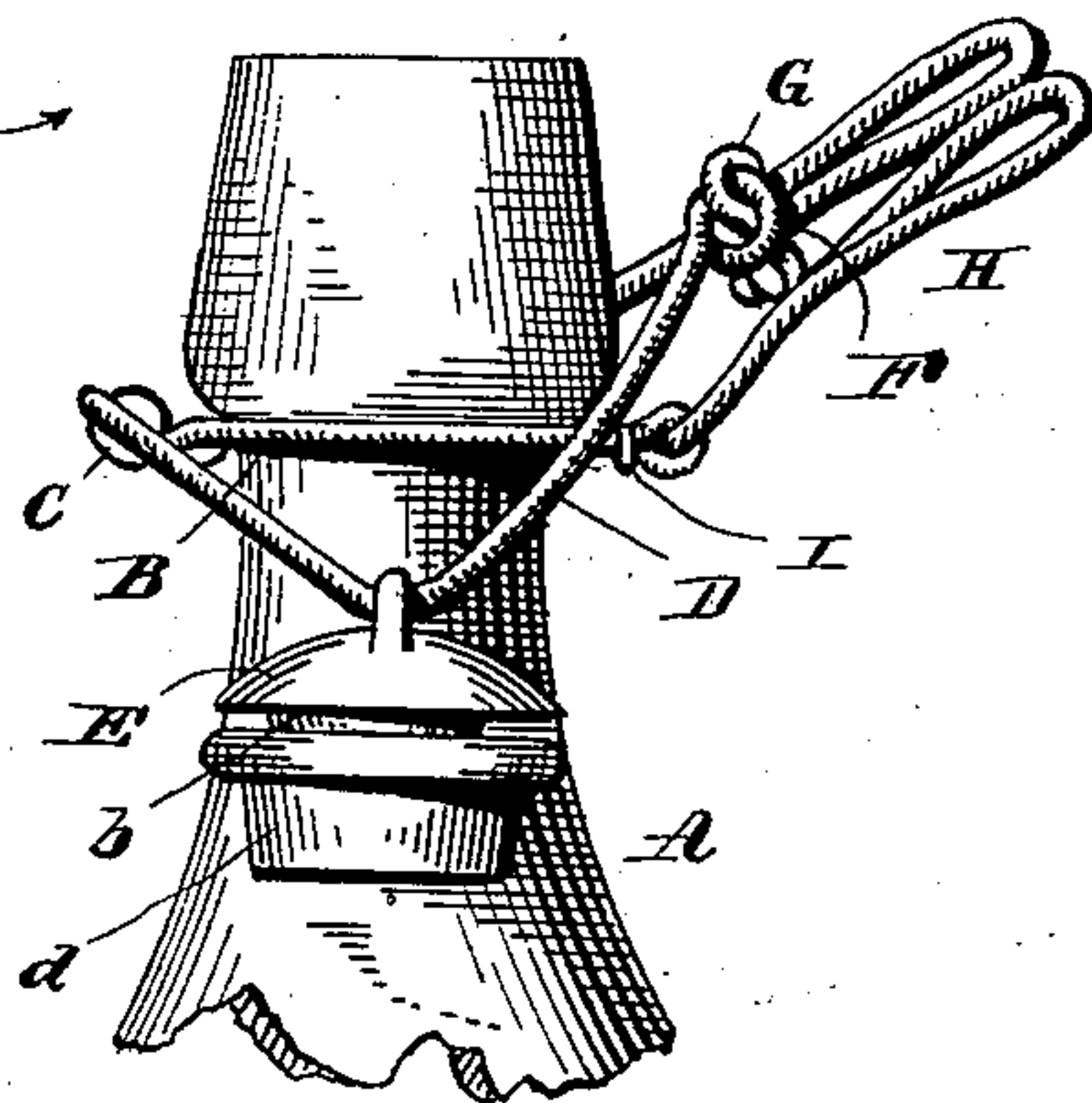


Fig. 5.



WITNESSES

E. L. Jewell.  
J. J. McCarthy.

INVENTOR

James T. Walker.  
By W. H. Alexander  
Attorney

# UNITED STATES PATENT OFFICE.

JAMES T. WALKER, OF BALTIMORE, MARYLAND.

## BOTTLE-STOPPER FASTENER.

SPECIFICATION forming part of Letters Patent No. 287,350, dated October 23, 1883.

Application filed September 4, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES T. WALKER, a citizen of the United States, residing at Baltimore, in the county of Baltimore and State of Maryland, have invented certain new and useful Improvements in Bottle-Stopper Fasteners, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain improvements in bottle-stoppers; and it has for its objects to provide a fastening device for the same that will hold the stopper firmly and securely to its seat at the mouth of the bottle, and which can be readily manipulated, so as to release the stopper without disconnecting the parts, as more fully hereinafter specified. These objects I attain by the means illustrated in the accompanying drawings, in which—

20 Figure 1 represents a perspective view of the upper part of a bottle, showing my invention applied thereto; Fig. 2, a view, partly in elevation and partly in section, of the same; Fig. 3, a detached view of the stopper, partly in section and partly in elevation; and Fig. 4 represents a view showing a modification of my invention. Fig. 5 represents an elevation showing the stopper thrown to one side to permit the contents of the bottle to be discharged.

30 The letter A indicates an ordinary beer-bottle, around the neck of which is secured a wire, B, twisted, as indicated by the letter C, so as to form an eye for the bent arm D, which extends over the cap E of the stopper and through an eye formed upon the same. The upper end of said arm is looped or formed with an eye, F, and is connected by a link, G, with a lever, H, formed of bent wire, and fulcrumed to the looped ends of the wire B, which are held together by a bent wire, I. The top or cap of the stopper is rounded, as indicated, so as to give the arm D a bearing directly over its center when clamped down by the lever, and permit it to securely fasten the stopper in place, at the same time permitting the stopper to be thrown to one side when the lever is raised to release the stopper.

The stopper is constructed in two parts—a metallic cap, E, having a shoulder, b, and a headed stud, c, and an elastic section, d, in which the stud is embedded, so that when the stopper is forced to its seat the elastic part will expand in the mouth of the bottle and securely fill and close it.

55 In the modification shown in Fig. 4 the lever H has its loop H' so formed or bent as to constitute a slide upon which the link may move, so as to give the stopper sufficient play to be moved in and out of the mouth of the bottle when said stopper is of unusual length.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination, with a bottle, of the twisted wire extending around the neck of the same, the bent arm secured to said wire, the stopper having a rounded top and an eye through which the arm extends, the connecting-link and lever, and the binding-wire; all connections from the binding-wire on one side to that wire on the other side being permanent, all arranged substantially as and for the purposes specified.

2. A bottle-stopper fastener consisting of a neck-wire, an arm hinged thereto, so as to extend directly over the stopper, a link permanently secured to said wire, and a lever to which said link is also permanently secured, the lever being fulcrumed to the neck-wire, substantially as specified.

3. The combination, with a bottle, its stopper and confining-arm, and the wire encircling the neck, of the lever bent, as described, to form a slide for the link connecting the lever with the confining-arm, substantially as specified.

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

JAMES T. WALKER.

Witnesses:

CHAS. D. DAVIS,  
THOMAS J. DUNN.