

(No Model.)

C. T. JONES, Dec'd.

J. T. JONES, Administrator.

BOTTLE FAUCET.

No. 354,150.

Patented Dec. 14, 1886.

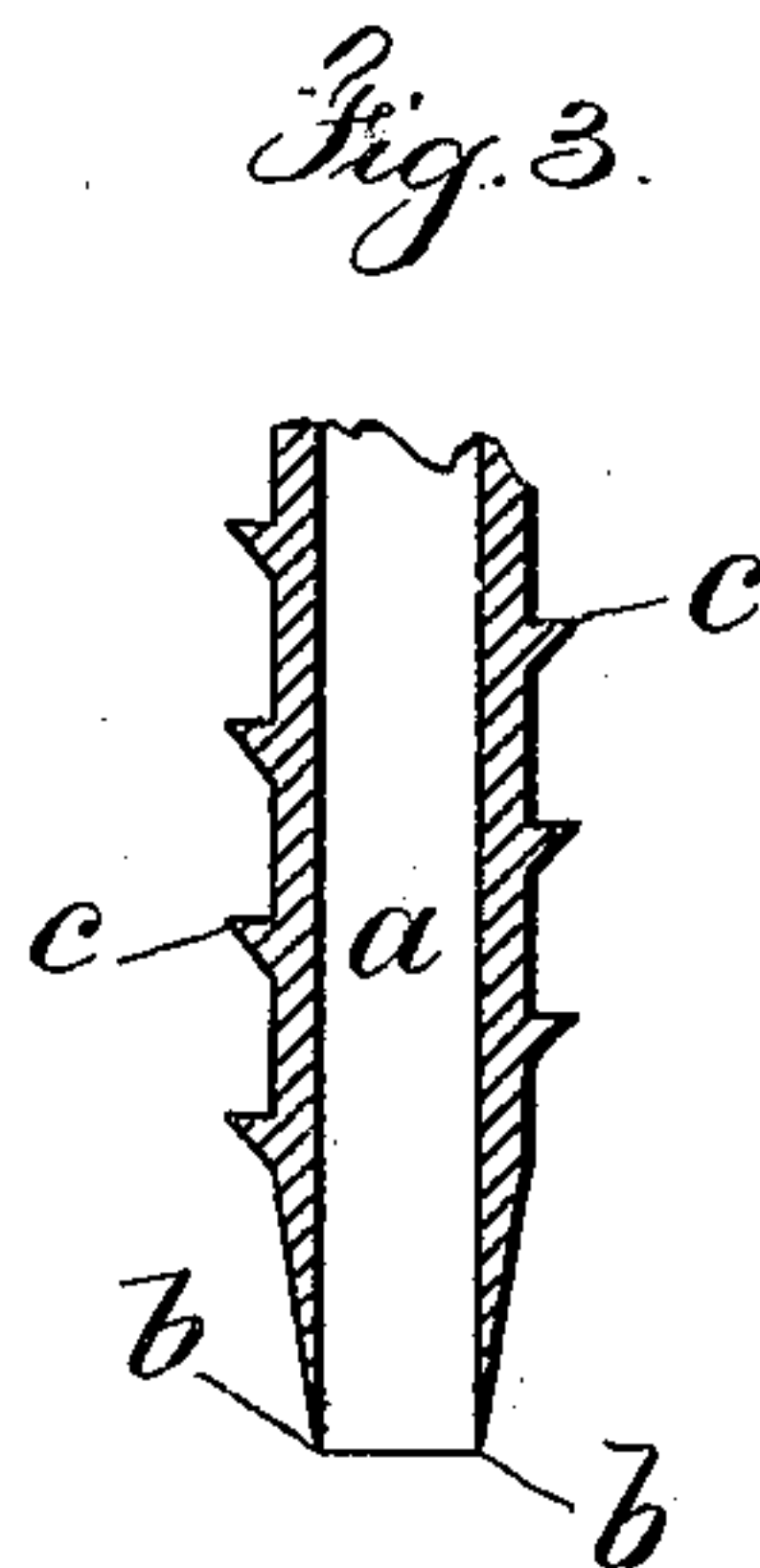
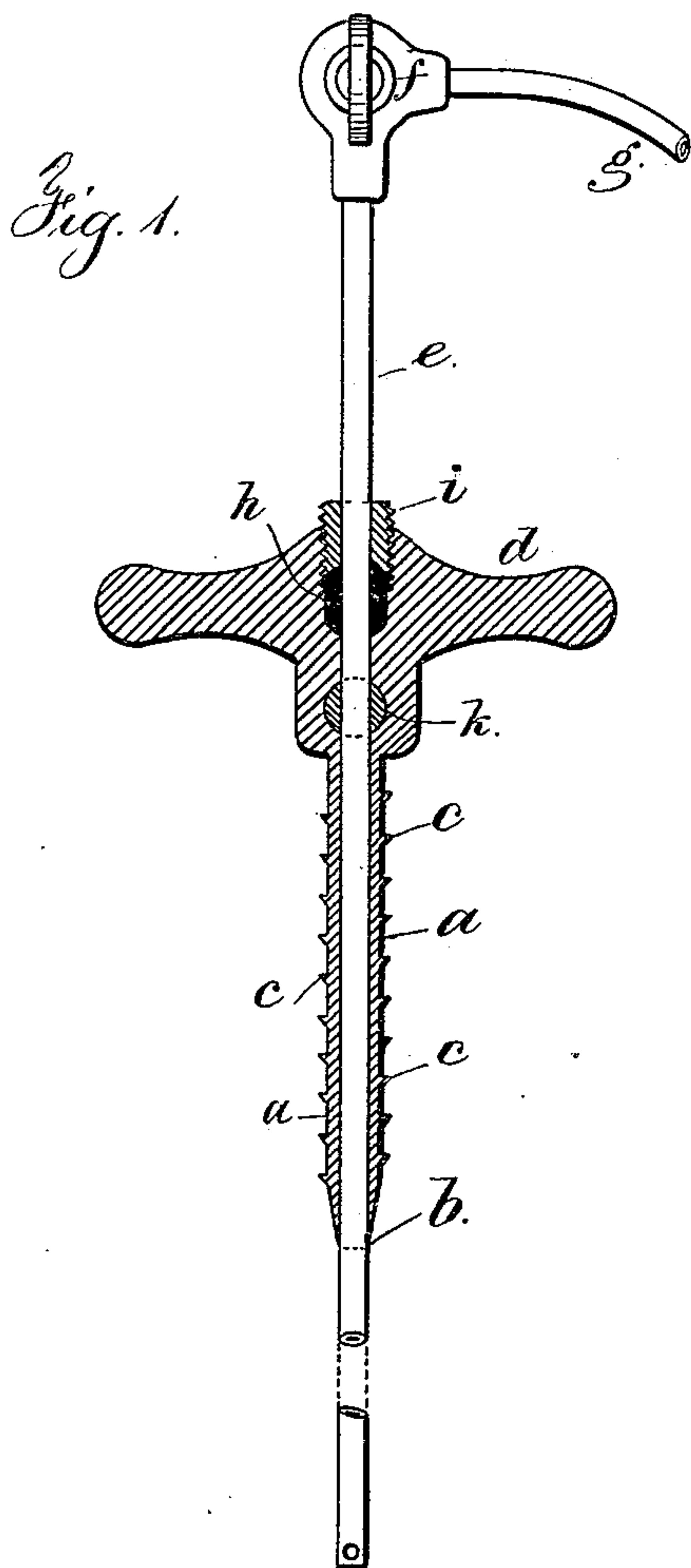
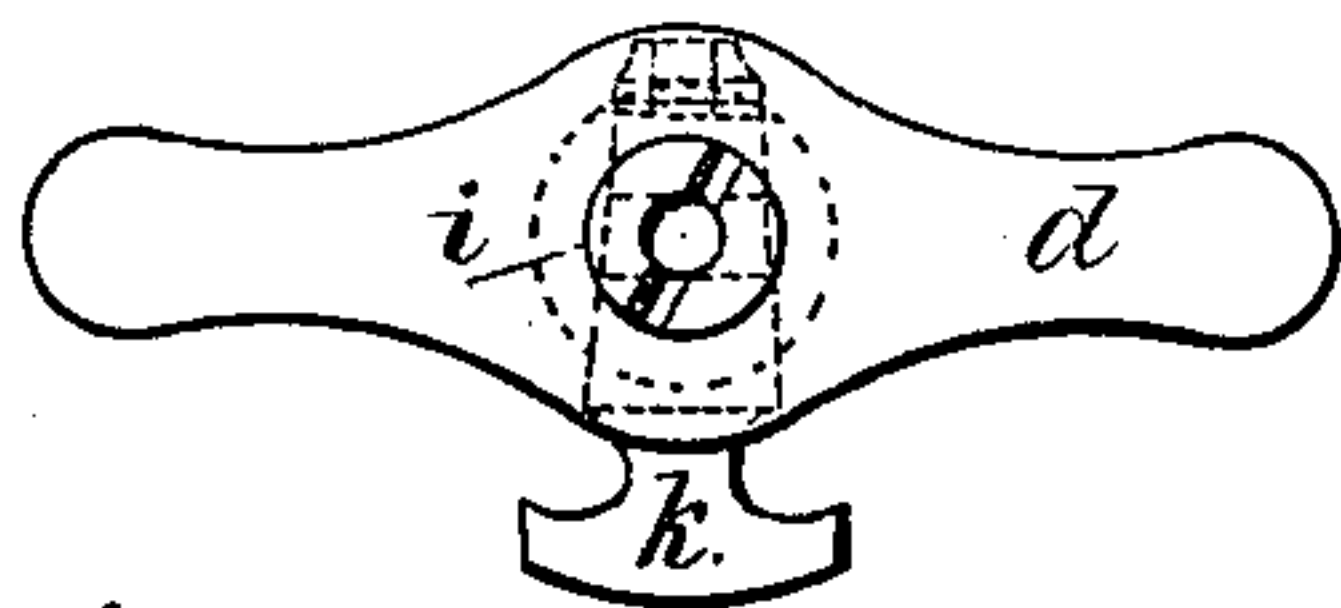


Fig. 2.



Witnesses

Chas. H. Smith
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Inventor

Charles T. Jones.

per

Lemuel W. Gorrell

attys

UNITED STATES PATENT OFFICE.

CHARLES T. JONES, OF UTICA, ASSIGNOR TO HIMSELF, AND FLORENCE LULU LATHROP, OF ILION, NEW YORK; J. THOMAS JONES ADMINISTRATOR OF SAID CHARLES T. JONES, DECEASED.

BOTTLE-FAUCET.

SPECIFICATION forming part of Letters Patent No. 354,150, dated December 14, 1886.

Application filed February 8, 1886. Serial No. 191,108. (No model.)

To all whom it may concern:

Be it known that I, CHARLES T. JONES, of Utica, in the county of Oneida and State of New York, have invented an Improvement in Bottle-Faucets, of which the following is a specification.

This faucet is adapted to be screwed into and cut a hole through the bottle-cork, and to draw off the contents of the bottle gradually; and this device is especially adapted to effervescing liquids in bottles.

In the drawings, Figure 1 is a vertical section of the screw-tube and an elevation of the faucet-pipe. Fig. 2 is a plan view of the handle and stuffing-box, and Fig. 3 shows the end of the screw-tube in larger size.

The tube *a* is made with a sharp cutting end, *b*, and a screw-thread, *c*, around it, and the cross-head or handle *d* is fastened firmly to the upper end of this screw-tube. The tube *e* passes freely through the screw-tube *a*, and it is provided with a faucet, *f*, and discharge-pipe *g*, and there is a recess in the handle around the tube *e*, for the reception of the packing material *h*, and a screw plug or follower, *i*, for compressing the packing material around the tube *e* and forming a tight stuffing-box.

When the faucet is to be inserted into a bottle, the tube *e* is drawn along, so that its end is within the screw-tube *a*, and this screw-tube is driven into the cork and rotated by the handle, and it cuts its way through the cork and becomes firmly screwed into the cork. The tube *e* is now forced down into the bottle and carries with it any pieces of cork there may be within the tube *a*. The faucet *f* being at the top end of this tube *e* is a great convenience in forcing the tube down into the bottle.

Any desired amount of liquid is now drawn from the bottle, and the atmosphere is entirely excluded.

By placing a faucet-plug, *k*, in the head or handle below the packing *h* the same can be closed and the tube inserted into the cork, after which the tube *e* is passed through the packing *h*, and then the cock *k* is opened and the tube *e* forced down into the bottle.

The faucet *f* may be at the end of the discharge-pipe *g*, and only a bulb or head at the upper end of the pipe *e*, into which the pipe *g* also passes.

The faucet *f* may be dispensed with, as the tube *e* can be drawn up after the contents are drawn and the cock *k* closed.

In cases where a cutting-edge has been used at the lower end of a screw-tube, such screw has been tapering. In aerated waters, especially, the cork has to be driven in so firmly that it is difficult to force the tapering screw through the same. By making the tubular screw parallel on the exterior surface with the cutter at the end the cork is penetrated much easier than heretofore.

I claim as my invention—

The combination, with the screw-tube *a*, having a cutting-edge at one end, of a cross-head at the upper end and a faucet-plug, *k*, the packing *h*, and the tube *e*, passing through the packing and through the screw-tube, substantially as set forth.

Signed by me this 29th day of January, A. D. 1886.

CHARLES T. JONES.

Witnesses:

MORTIMER G. THOMSON,
WILLIAM E. RICHARDS.