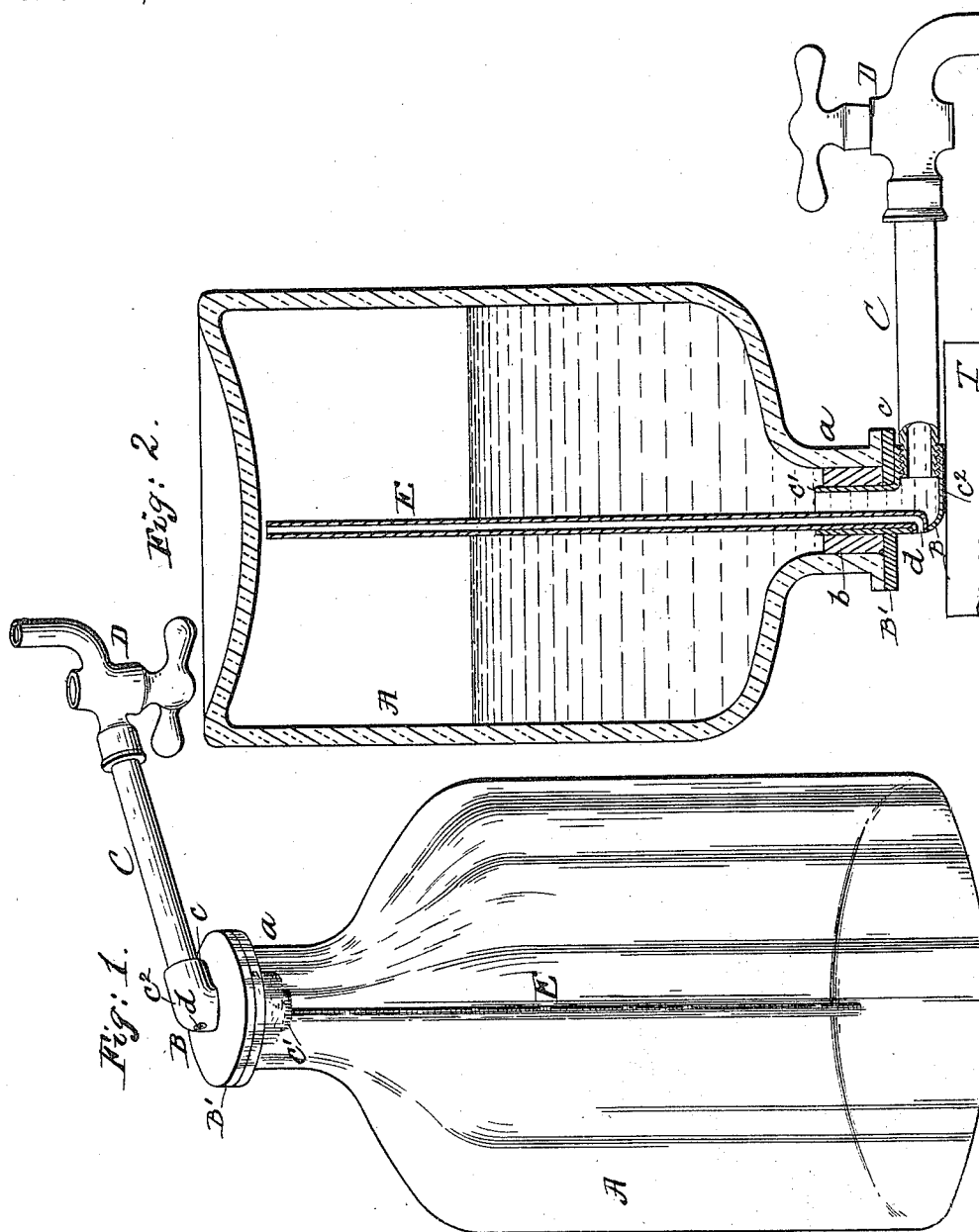


(No Model.)

F. GUTTENBERG.
FAUCET.

No. 585,327.

Patented June 29, 1897.



WITNESSES:
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UNITED STATES PATENT OFFICE.

FREDERICK GUTTENBERG, OF BROOKLYN, NEW YORK.

FAUCET.

SPECIFICATION forming part of Letters Patent No. 585,327, dated June 29, 1897.

Original application filed May 23, 1895, Serial No. 550,302. Divided and this application filed June 4, 1895. Serial No. 551,594. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK GUTTENBERG, a citizen of the United States, and a resident of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Faucets, of which the following is a specification.

This invention bears a relation to my co-pending application, filed May 23, 1895, Serial No. 550,302, in which is shown a device for holding demijohns in vertical position and for refrigerating or cooling the contents thereof.

The object of my invention is to supply to hospitals, yachts, vessels, and individuals distilled water, natural spring water, or other pure or medicated non-aerated water in glass receptacles, in which it may be cooled and from which it may be conveniently drawn off for consumption or use without contamination and without handling the demijohn.

By my invention the demijohns are filled at the spring or other source of supply and there corked and are to remain corked until their delivery to the consumer. Each consumer will be provided with a faucet or tap, hereinafter described and claimed, designed to be inserted in the neck of the demijohn while the latter is in an upright position and designed to be open for drawing off the water only after the demijohn has been inverted and while held in such inverted position, so that from the time of filling the demijohns to the time of consumption the water is entirely excluded from the air and from contact with any contaminating substance.

In the accompanying drawings, to which reference is made, Figure 1 is a perspective view showing my invention applied to a demijohn ready for use; and Fig. 2 is a sectional elevation of the same, showing the demijohn inverted.

The invention will first be described in connection with the drawings and then pointed out in the claim.

A represents a demijohn or other vessel formed with a neck *a*, in which is fitted an annular plug or stopper *b*. In this plug or stopper *b* is placed a hollow metal plug B, which closes the demijohn, so that when inverted no liquid can escape. The hollow plug B is formed with a lateral neck or socket *c*, into which is secured a tube C, which is provided at its outer end with a stop-cock or fau-

cet D of the usual or of any approved well-known type, the outlet of which is deflected downward when the demijohn is held in inverted position—that is, the outlet of the stop-cock is turned in a direction opposite to the neck *c'* of the plug B. In the neck *c'* of the plug B is placed a vent-tube E, which is of sufficient length to reach nearly to the bottom of the demijohn and which is made open to the air by an orifice *d* in the angle or elbow of the plug, by preference slightly above or to one side of it, so that the portion *c²* of the plug may serve as a base or support on which the demijohn may rest upon a block, table, or other stand T, as shown in Fig. 2, so that the weight of the demijohn and its contents will serve to cause the plug B and annular stopper *b* to securely close the demijohn and prevent all danger of the escape of any liquid except through the pipe C and stop-cock D. As the liquid is drawn off air enters the vent-tube E and supplies the vacuum, so that a steady flow will be delivered when the stop-cock is opened.

On the hollow plug B is secured a disk B', which forms a supporting-plate for the neck of the demijohn, as shown clearly in Fig. 2, so that there will be no undue pressure in the annular cork *b* from the weight of the demijohn and its contents and so that the weight of the demijohn will properly align and maintain the alinement of the faucet D and discharge tube C during the draft of the liquid from the demijohn.

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

As a new article of manufacture a combined stopper and tap or faucet for demijohns, the same consisting of an angular or elbow tube B provided with a horizontal flange or disk B', a horizontal discharge-tube C provided with a faucet D and connected to the outer horizontal section *c* of the said elbow-tube B, a vertical vent-tube E connected to the vertical section *c'* of the said elbow-tube and opening to the outside of said tube below the flange B' and an annular stopper *b* fitted on the vertical section *c'* of the said elbow-tube substantially as described.

FREDERICK GUTTENBERG.

Witnesses:

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