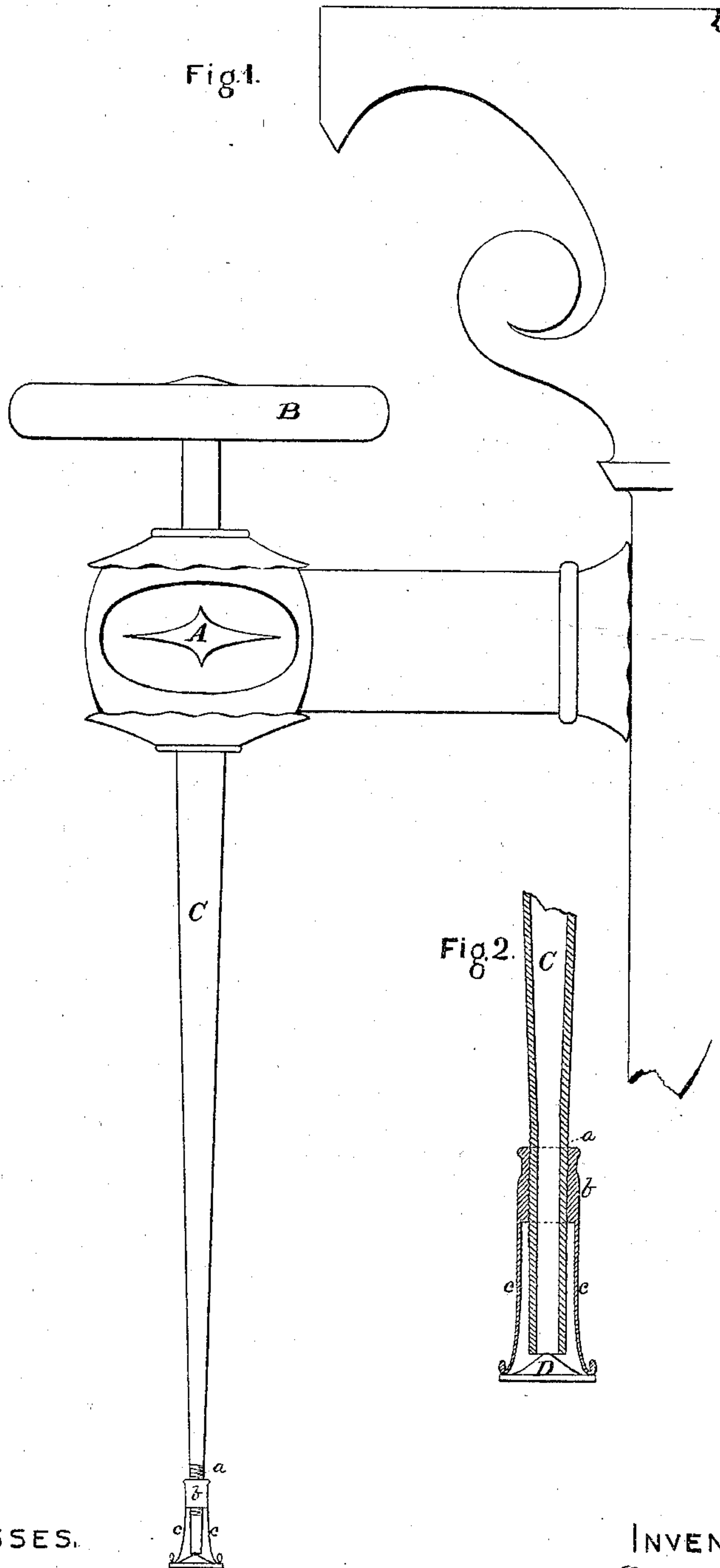


O. F. STEDMAN.

Draft-Pipe for Aerated Liquids.

No. 134,710.

Patented Jan. 7, 1873.



WITNESSES.

*Geo. Elphinstone,*  
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INVENTOR

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# UNITED STATES PATENT OFFICE.

OSCAR F. STEDMAN, OF WESTFIELD, NEW YORK.

## IMPROVEMENT IN DRAFT-PIPES FOR AERATED LIQUIDS.

Specification forming part of Letters Patent No. **134,710**, dated January 7, 1873.

*To all whom it may concern:*

Be it known that I, OSCAR F. STEDMAN, of Westfield, in the county of Chautauqua and State of New York, have invented a new and valuable Improvement in Draft-Pipes for Aerated Liquids; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a side view of my invention; and Fig. 2 is a sectional view of pipe and valve.

This invention has relation to means for regulating the discharge of soda-water, beer, and other aerated liquids, according to the amount of pressure under which it is being delivered; and it consists in the construction and novel arrangement of a draft-pipe and an adjustable cap covering the discharge-orifice, as hereinafter described.

In the accompanying drawing, the letter A designates a stop-cock with a milled disk-handle, B. C indicates the draft-pipe, made long enough to reach the bottom of the tumbler or other vessel in which the liquid is designed to be drawn. On the exterior of this pipe, near its end, a screw-thread, *a*, is formed to engage with the thread of a nut or sleeve, *b*, placed on the pipe at this part of its length. D indicates the delivery valve or cap, which is se-

cured to the sleeve *b* by means of arms *c* or other suitable devices. The valve D is usually made in the form of a disk, with a conical or convex upper surface, designed to approach the orifice of the draft-pipe closely enough to cause the liquid to be injected with force into the receiving-vessel, the degree of proximity being readily adjusted to the amount of pressure by means of the sleeve *b*.

It is found in the use of this draft-pipe that the size of the discharge-orifice in proportion to the pressure has much to do with the quality of the beverage drawn, and that its form is adapted to produce in this respect satisfactory results.

I do not desire to confine myself to the precise means shown of effecting the adjustment of the cap, as it may sometimes be desirable to use other devices.

What I claim as new is—

In apparatus for dispensing aerated liquids, the long tapering draft-pipe provided with the adjustable convex disk D covering the discharge-orifice, and adapted to be inserted in the bottom of a receiving-vessel, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

OSCAR F. STEDMAN.

Witnesses:

L. F. PHELPS,  
A. F. PHELPS.