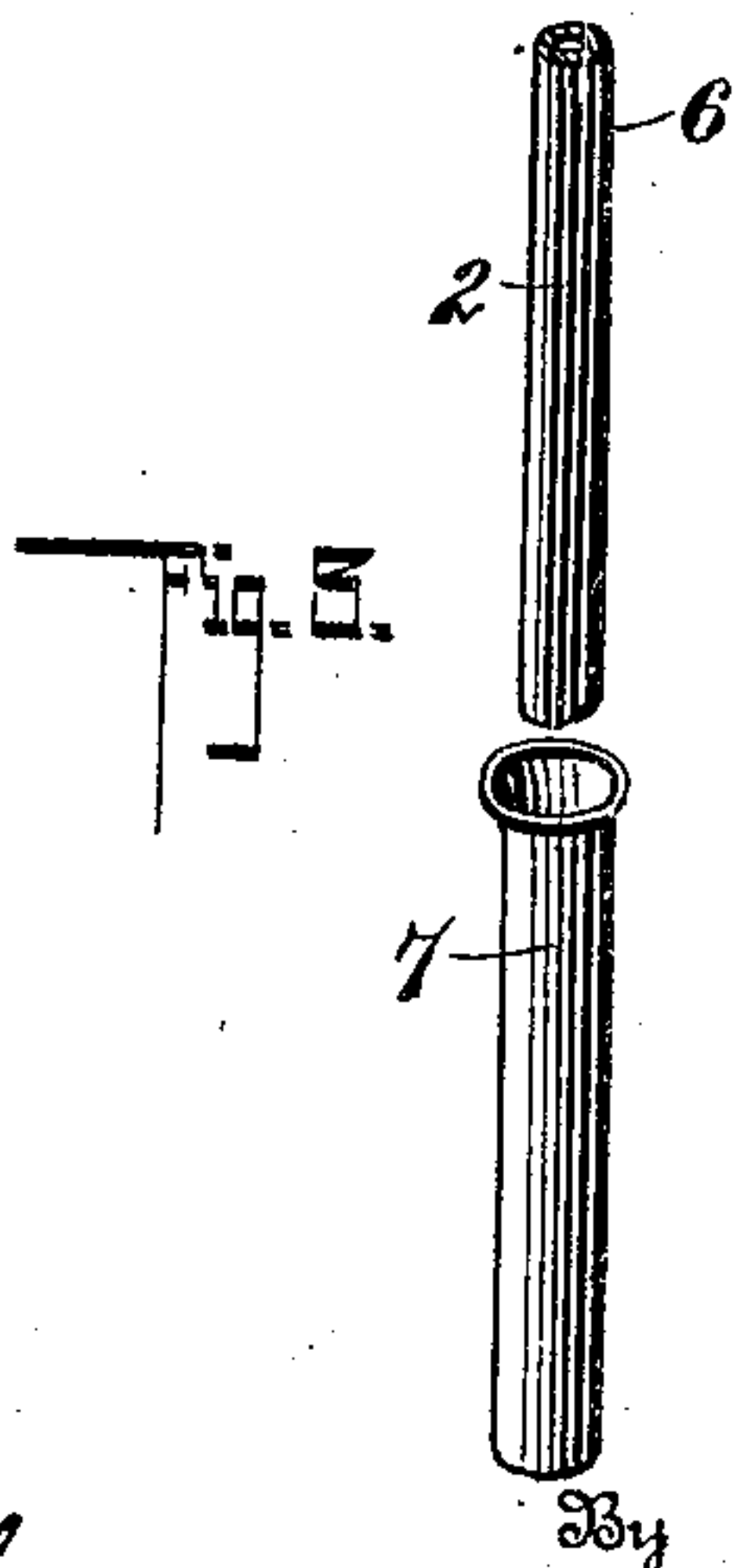
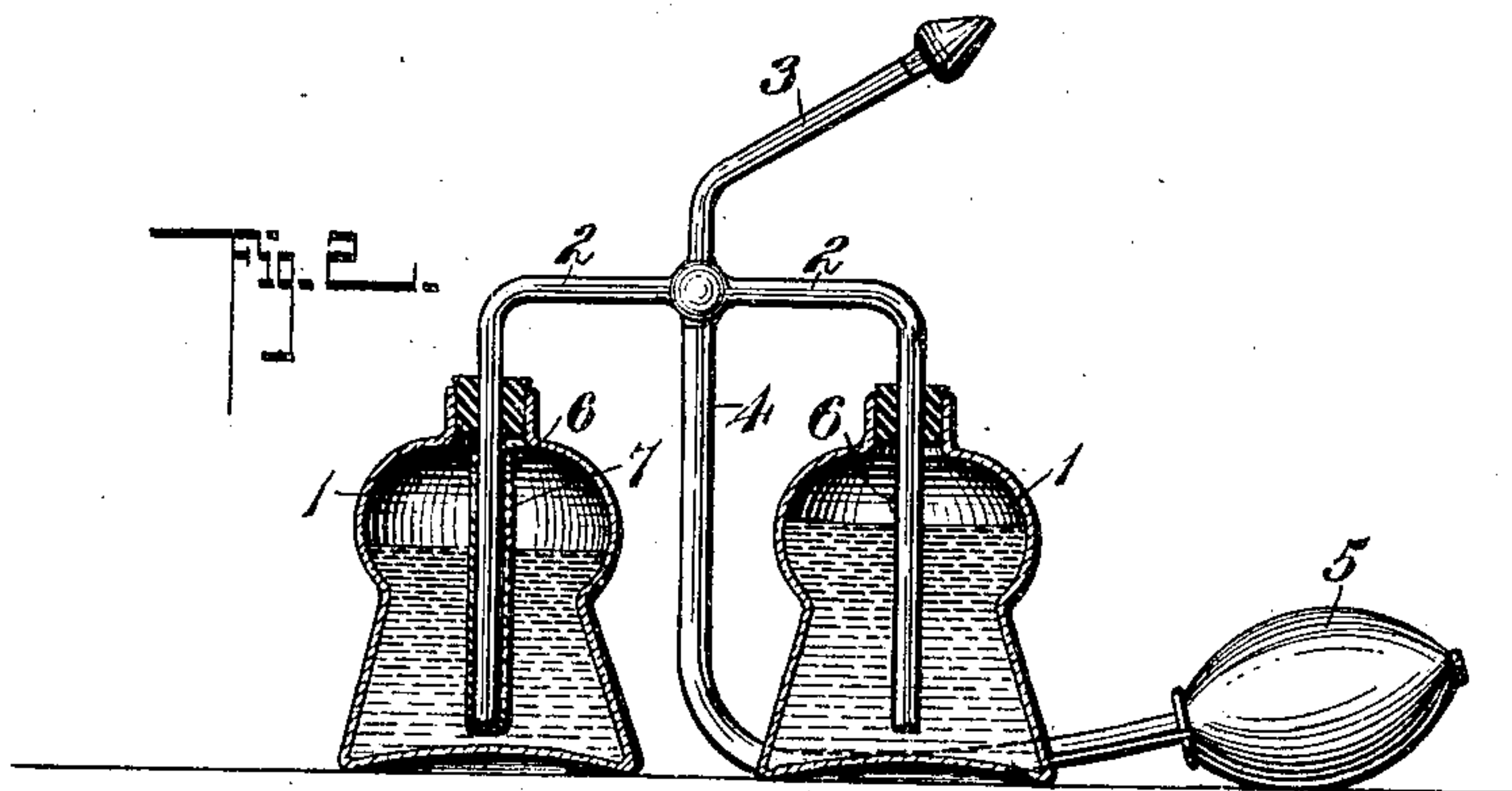
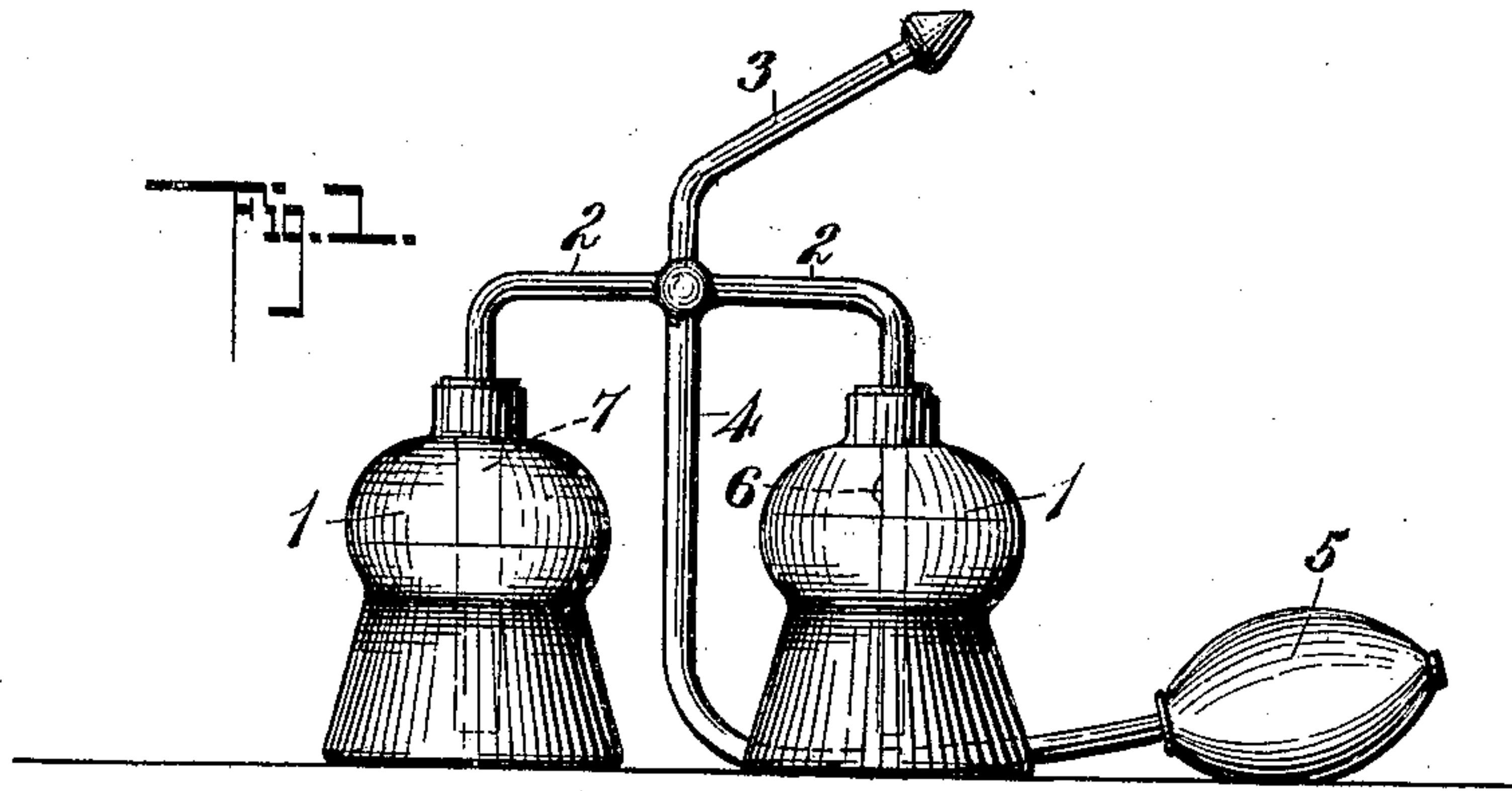


C. E. MICHAEL.
ATOMIZER.
APPLICATION FILED AUG. 3, 1908.

922,307.

Patented May 18, 1909.



Witnesses

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UNITED STATES PATENT OFFICE.

CHARLES E. MICHAEL, OF FOSTORIA, OHIO.

ATOMIZER.

No. 922,307.

Specification of Letters Patent.

Patented May 18, 1909.

Application filed August 3, 1908. Serial No. 446,643.

To all whom it may concern:

Be it known that I, CHARLES E. MICHAEL, a citizen of the United States, residing at Fostoria, in the county of Seneca and State of Ohio, have invented a new and useful Improvement in Atomizers, of which the following is a specification.

This invention relates to an improvement in atomizers and is especially designed for use with double atomizers.

The invention consists in the novel features of construction hereinafter described, pointed out in the claims and shown in the accompanying drawings, in which—

Figure 1 is a side elevation of the device. Fig. 2 is a partial section taken vertically through the receptacles employed. Fig. 3 is a perspective view of the lower portion of one of the tubes showing a closing sleeve disconnected from said tube.

In these drawings, 1 represents glass receptacles usually employed, into which extend end members of a U-shaped pipe 2, to the bow portion of which is connected a discharge pipe 3 and a pipe 4 to one end of which a bulb 5 is secured. Different liquids can be placed in the receptacles 1 and the liquids can be discharged simultaneously through the pipes 3 by compressing the bulb 5. This is often done, but upon other occasions it is desired to employ the liquid from one receptacle only, or to make use of them in succession. In this case it has been found necessary to either make use of single receptacles and to transfer the tubes from one to the other, or to obtain two atomizers,

or to empty the liquid from one vessel of the double atomizer. In my device I provide each depending end member of the pipe 2 with a small side projection 6, and a sleeve 7 fits over said end member and engages said projection which binds or locks the sleeve in position. By placing this sleeve upon the member not to be used its lower open end is sealed, and the contents of the receptacle into which the other end member of the pipe 2 extends can be used by itself. The sleeve 7 can be removed from one end member and placed upon the other where it is desired to use the liquids in succession.

Other uses and advantages of this device will also be obvious.

What I claim is:—

1. In an atomizer, a plurality of receptacles, a discharge tube having members extending into said receptacles, and a sleeve closed at its lower end adapted to fit tightly over the said end members.

2. A device of the kind described comprising two liquid containing receptacles, a U-shaped pipe, a discharge nozzle connected to the bow portion of said pipe, the end portions of the pipe extending into said receptacles, lateral projections formed upon said end portions, and a sleeve closed at one end and sliding upon said end portions of the U-shaped pipe and engaging said extensions, as and for the purpose set forth.

CHARLES E. MICHAEL.

Witnesses:

WILLIAM WADE,
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