

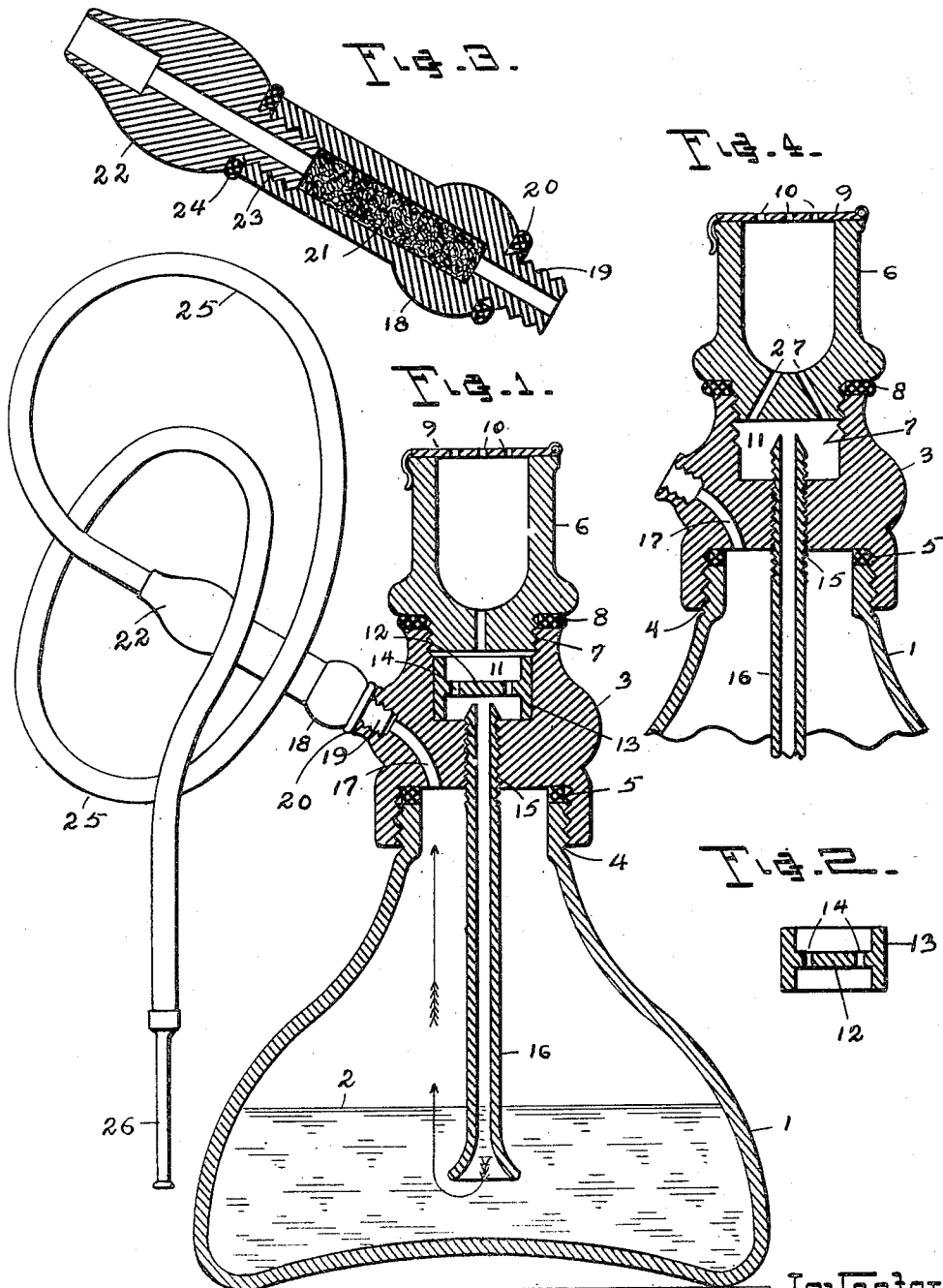
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TOBACCO WATER VACUUM PIPE

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## UNITED STATES PATENT OFFICE.

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TOBACCO WATER VACUUM PIPE.

Application filed September 26, 1921. Serial No. 503,137.

*To all whom it may concern:*

Be it known that I, NIKOLAOS D. ZAHARIADIS, a subject of Greece, and a resident of the city and county of San Francisco, State of California, have invented certain new and useful Improvements in Tobacco Water Vacuum Pipes, whereof the following is a specification.

This invention relates to sanitary tobacco pipes of the kind known as hookahs.

The invention consists in a hookah containing certain features which will be described hereinafter and more particularly specified in the claims at the end hereof.

In the accompanying one sheet of drawing I have illustrated a hookah containing my invention.

Figure 1 is a vertical section, or sectional elevation of the entire apparatus, showing more particularly the tobacco container, the liquid container, the spaces between the two arrest small pieces of tobacco or anything else that might otherwise pass through, the means for making the various parts air-tight, the means for adjusting the smoke passage, and other features of the apparatus.

Figure 2 is a separate view of the valve and partition, between the tobacco and liquid containers.

Figure 3 is a longitudinal section of a section of the stem with an absorbent material therein.

Figure 4 is a separate sectional elevation of the tobacco container, and the upper part of the liquid container, but with the valve and partition omitted.

In the figures;—the liquid container 1, which may be of any suitable, preferable ornamental, shape, and is adapted to contain a suitable amount of liquid, 2, which may, when desired, be medicated.

At the top of the liquid container, 1, is a member, 3, connected thereto in a suitable manner, as by a threaded joint 4, with a packing 5 interposed, to ensure the joint being air-tight.

Above the member 3, is the tobacco container, 6, connected thereto by a preferably threaded, joint 7, with an interposed packing 8. The top of the tobacco container 6

may be provided with a closure 9, having orifices 10 therein for the supply of air to the smouldering tobacco.

In the member 3, below the container 6 is a chamber 11, designed for the arrest and retention of particles which it may be desired to keep out of liquid 2. The chamber 11 may be divided into two or more parts, two being shown in the drawing. This division, in the case illustrated, is effected by a web 12, having marginal flanges 13 to position it, and perforated, as at 14, for the passage of smoke.

The lower wall of the chamber 11, is bored and screw threaded as at 15, for the reception of a threaded tube 16, which, by means of the threaded parts, may be adjusted up or down, to regulate the smoke passage, and to regulate its penetration into the liquid 2.

The member 3 is also perforated by a channel 17, for the exit of the smoke, after its passage through the liquid 2.

A hollow member 18 is connected to form a continuation of channel 17, as by a screw-threaded nipple 19, and the joint may be provided with a packing 20, to ensure its being air-tight. Within the member 18 is an absorbent 21, which may also be medicated.

The inner end of the pipe stem is connected to member 18 by a terminal member 22, and a threaded joint, as at 23, and an interposed packing 24. The stem may include a flexible tube 25, and a terminal mouth-piece 26, as is usual in these pipes.

Where the valve and partition member, shown in Figure 2, is omitted, the smoke passages from the tobacco container 6 into chamber 11, should diverge so as not to register with tube 16, as shown at 27 Figure 4.

Having thus described my invention, and an embodiment of it, in the full, clear, and exact terms required by law, and knowing that it comprises novel, useful and valuable improvements in the art to which it pertains, I here state that I do not wish to be limited to the precise construction and arrangement of the several parts, as herein set forth, as the same may be variously modified by a skilled mechanic without departing from the spirit and scope of the appended claims at the end hereof.

## Claims:

1. A pipe, having a tobacco container, a liquid container, a member comprising a chamber therebetween, and a removable perforated partition in said chamber provided with marginal flanges.
2. A pipe, having a tobacco container, a liquid container, and having a chamber interposed between said containers, a tube extending from said chamber into said liquid, said tube being adjustable, and a partition in said chamber, said partition adapted to co-act with the end of said tube to regulate the passage of smoke thereto.

In testimony that I claim the foregoing I have hereto set my hand this 20 day of Sept., 1921.

NIKOLAOS D. ZAHARIADIS.