

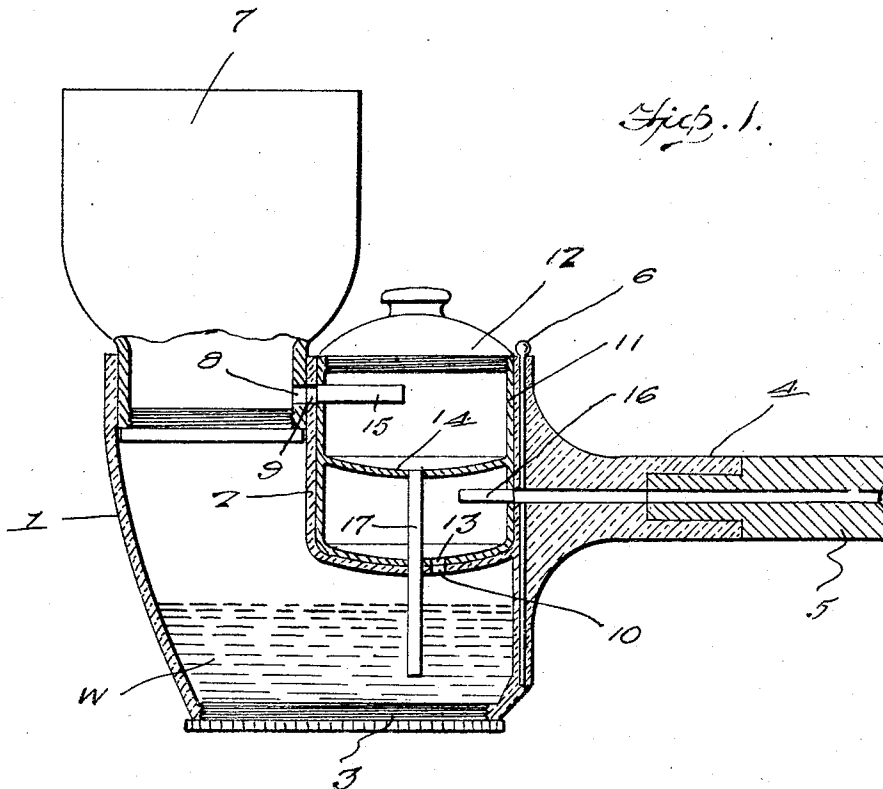
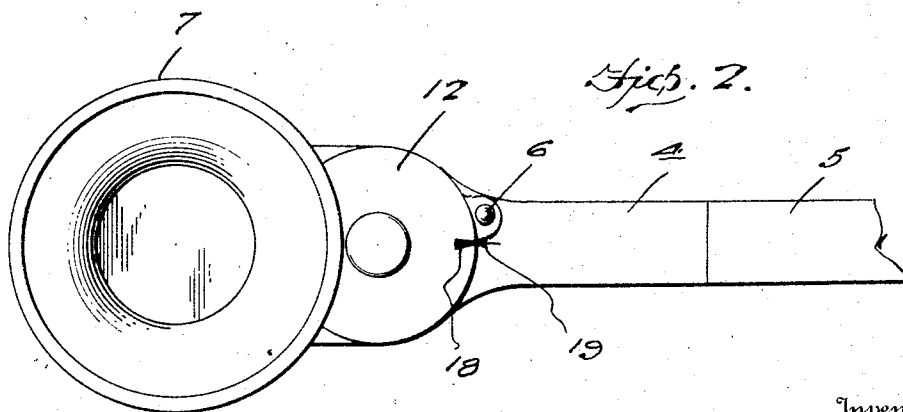
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W. WALKER

SMOKING PIPE

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UNITED STATES PATENT OFFICE.

WILLIAM WALKER, OF SAWTELLE, CALIFORNIA.

SMOKING PIPE.

Application filed July 3, 1924. Serial No. 723,968.

To all whom it may concern:

Be it known that I, WILLIAM WALKER, a citizen of the United States, residing at Sawtelle, in the county of Los Angeles and State of California, have invented certain new and useful Improvements in a Smoking Pipe, of which the following is a specification.

This invention relates to an improved smoking pipe, but it has more particular reference to a pipe of this class which is specifically known as a water pipe.

It is my object to provide a pipe of this class which subjects the smoke to a fluid bath for the purpose of removing impurities such as the so called nicotine and at the same time cooling and moistening the smoke before it enters the mouth of the user.

It is also my aim to provide a pipe of this class which embodies a bowl for containing the fluid which may be water or oil, the latter fluid being highly desirable in that it may be in the form of a sweet oil containing a small portion of an essential oil for the purpose of deodorizing the smoke and at the same time perfuming and flavoring the same so that the smoker will be treated to a clean sweet and nicely perfumed smoke.

One of the important features of the invention is the provision of a structure which is such in size and shape to permit it to be held in the hand or laid upon a table during the smoking operation, the same being provided either with the customary short stem or with flexible tubing for conveying smoke to any suitable point.

Another feature of the invention is the rotatable cup through which the smoke is compelled to pass before being conducted through the water, this cup being such in construction and so correlated with the other details of the device that it constitutes a valve and serves to prevent water from entering the stem in the event that the device is accidentally capsized.

A further advantage and feature of the invention is derived from the provision of an exceedingly simple structure wherein the parts are so connected as to permit ready separation for cleaning, refilling with water or tobacco.

Other objects and advantages of this invention will become apparent from the following description and drawings.

In the accompanying drawing forming a part of this specification and in which like numerals are employed to designate like parts throughout the same:

Figure 1 represents an enlarged detail section, partly in elevation, of a water pipe constructed in accordance with this invention.

Figure 2 discloses a top plan view thereof.

Referring now to the drawings in detail, reference character 1 designates a suitably shaped water receptacle which is provided with an internal cup receiving shell 2. This receptacle has removable plug 3 at its bottom and is provided on one side with a lateral extension 4 to which the stem 5 is connected in any suitable manner. This extension is of course bored to form a smoke passage for alignment with the smoke passage in the stem. Also, the shell 2 is provided with an opening opposite the inner end of the smoke passage to permit a restricted passage of smoke therethrough. To one side of this smoke passage and formed in the extension 4 is a pocket for reception of a removable pipe cleaner 6. The upper portion of the water receptacle is shaped to accommodate a removable tobacco containing bowl 7, the reduced lower end of this bowl being provided with a smoke escape port 8 lined with a similar port 9 formed in the aforesaid shell 2. Although it is not essential, the bottom of the shell 2 is preferably shaped in the manner shown and is provided with another port 10 through which smoke enters the shell after passing through the water W in the receptacle.

Removably fitted into the cup shaped shell 2 is a cup 11 having a removable closure 12. The bottom of the cup is shaped to conform to the corresponding part of the shell and is provided with a hole 13 adapted to register with the hole 10 for permitting free passage of smoke therethrough. The cup is divided internally by a concavo-convex partition 14 forming upper and lower chambers, a short pipe 15 is carried by the wall of the upper chamber and normally aligns with the holes 8 and 9. A similar pipe or conduit 16 is carried by the wall of the lower compartment and normally aligns the smoke passage of the stem. The partition 14 is apertured at its center and a depending pipe 17 extends downwardly from this opening through the bottom of the cup and shell into

the water. In order to insure proper alignment of smoke ports and holes, coacting indicating means 18 and 19 appears on the cover 12 and extension 4.

5 In practice, the pipe is used in the usual manner, that is, the stem is placed in the mouth of the user and upon drawing upon the same, suction will be created within the smoke passage and the smoke produced by the burning tobacco in the bowl 7 will be conveyed through the openings 8 and 9, pipe 15 and then downwardly through the pipe 17. At this time the especially shaped partition 14 will facilitate entrance of the smoke into the pipe 17. Upon passing through the water, the smoke will be cleansed of impurities and will be cooled to a very noticeable degree. The continued suction created will draw the clean and cool smoke up through the registered ports 10 and 13 for passage through the stem. When the pipe is not in use, the cup 11 is rotated slightly with respect to the shell to disalign the smoke port. The cup and shell thus act as a valve to prevent passage of water from the receptacle into the stem. As the device has a flat bottom and is well balanced, it can be set on a table without fear of tilting and if it is not desired to utilize the ordinary short stem for smoking, the stem shown can be removed and the flexible tube can be attached for conveying the smoke for a considerable distance.

35 While I have shown and described the preferred embodiment of my invention, I

wish it to be understood that minor changes coming within the scope of the adjoined claims may be resorted to if desired.

Having thus described the invention, what I claim is:—

1. A water pipe comprising a water receptacle, a stem attached thereto and provided with a smoke passage, said receptacle being provided with an internal cup receiving shell formed in its bottom with a smoke port and with a port aligning with said smoke passage, a tobacco receiving bowl carried by said receptacle and in communication with said shell, and a removable and rotatable cup fitted into said shell and provided with separate conduits constituting a tortuous passage for the smoke between the bowl and the passage of the stem.

2. A water pipe comprising a water retaining receptacle provided with a bored stem for passage of the smoke and provided with an internal cup receiving shell formed with a plurality of smoke ports, a tobacco receiving bowl carried by said receptacle and having its smoke discharge port aligned with one of said ports in said shell, a removable cup fitted into said shell and provided with passages registering with the ports in said bowl and shell, a transverse partition in said cup, and a depending pipe carried by said partition and extending through the bottoms of the cup and shell into the receptacle which is adapted to contain a liquid.

In testimony whereof I affix my signature.

WILLIAM WALKER.