

R. L. LOFLIN.
PIPE.

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1,114,274.

Patented Oct. 20, 1914.

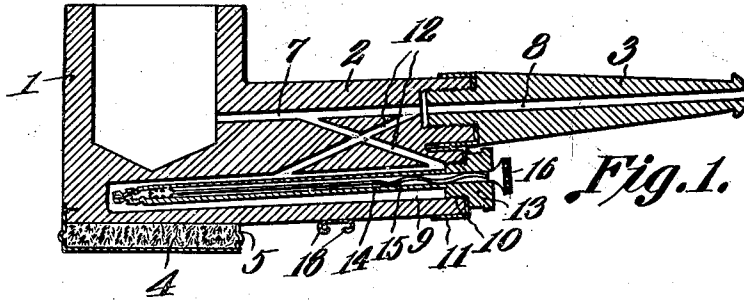


Fig. 1.

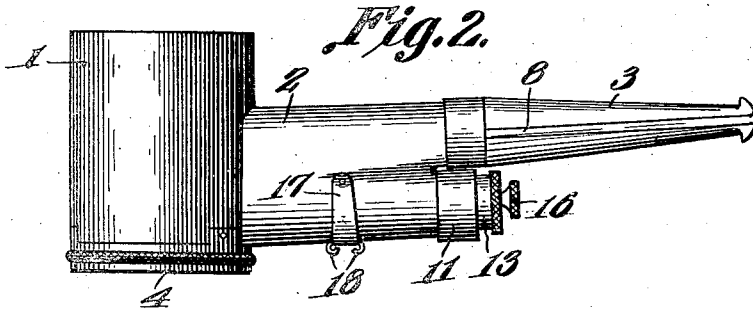


Fig. 2.

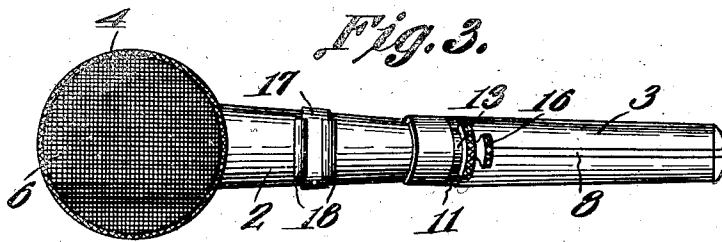


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

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PIPE.

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To all whom it may concern:

Be it known that I, ROBERT L. LOFLIN, a citizen of the United States, residing at High Point, in the county of Guilford and State of North Carolina, have invented a new and useful Pipe, of which the following is a specification.

This invention relates to a smoker's pipe.

An object of the present invention is to provide a pipe and means secured thereto whereby the same may be kept in a clean and sanitary condition.

A further object is to provide a pipe with a nicotin chamber therein.

A further object is to provide a smoker's pipe with a nicotin chamber communicating therewith by means of crossed channels, and to provide means whereby the latter may be kept in a clean and open condition.

A further object is to provide a pipe with a cotton containing chamber secured thereto said cotton to be used in connection with the pipe cleaning means.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

In the drawing accompanying the specification and forming a part thereof, the preferable form of my invention is illustrated, in which:—

Figure 1 is a vertical cross sectional view of my improved form of smoker's pipe. Fig. 2 is a view in elevation thereof. Fig. 3 is a bottom view of the same.

Referring to the drawings in which similar reference numerals designate corresponding parts throughout the several views, the body portion of the pipe is composed of the bowl portion 1 and a stem 2 extending therefrom, into which stem is threadably secured the mouth piece 3. Secured to the bottom portion of the bowl is a cotton containing chamber 4 a suitable aperture 5 being formed in the side wall thereof whereby cotton may be inserted therein or withdrawn therefrom. The bottom portion of the cotton chamber is provided with an abraded surface 6 intended to be used as a match striker.

The stem 2 is considerably enlarged and is provided with the opening or duct 7 extending therethrough in communication with the mouth piece opening 8 and with the bowl 1. Positioned directly below the said duct 7 is a chamber 9 the outer end of which is internally threaded as at 10 the outer end of which is provided with a suitable protecting ring 11 the latter being of the usual ornamental design. The chamber 9 extends well withunder the bowl opening and is in communication with the duct 7 by means of the crossed channels or openings 12 by which means the smoke upon passing through the duct 7 will enter the crossed openings 12 and flow partially down therethrough as will also the liquid or semi-liquid matter which is present in the duct 7. As will be apparent the chamber 9 is provided for the reception of foreign matter which may collect within the duct 7 and therefore will comprise a purifying chamber for the smoke before the same passes through the mouth piece 3.

Having a connection with the chamber 9 and forming a sealed end therefor is a plug 13 extending from which is a tube 14 the inner extremity of which is closed and provided with an abraded end adapted to entangle and to obtain a purchase upon the cotton which is located within the chamber 4. The plug 13 is provided with an opening extending centrally therethrough in communication with the tube 14 and into which opening and tube extends a needle 15 with the knob 16 secured to the outer end thereof. The remote end therefrom of the needle is provided with an abraded surface whereby the same may engage and entangle the cotton which is disposed within the said cotton containing chamber. The tube 14 with the plug 13 secured thereto and the needle with the knob are for the purpose of maintaining the various ducts and openings of the pipe in a clean and open condition. The tube 14 with the plug 13 secured thereto is intended to be used to clean the main duct 7 of the stem and the opening through the mouth piece while the needle which is preferably flexible is adapted to be pushed through the crossed opening 12 for the cleaning thereof. The said cleaning implements are intended to be first inserted within the cotton chamber to receive a suitable amount of cotton upon the end thereof prior to the insertion within the various openings

throughout the pipe with the result that the said openings are kept in an open and also clean and dry condition. In order to provide means whereby the said cotton may be removed from the end of the cleaning implement without necessitating that the hands of the user come in contact therewith a suitable clip 17 is fastened upon the lower portion of the stem and the said clip is provided with the curled portion 18 which are not inclosed upon themselves and whereby the said cleaning implements may be inserted therein and then moved longitudinally therefrom with the result that the cotton will be removed from the end of the said cleaning implement.

From the foregoing it will be apparent that a smoker's pipe has been disclosed which may be easily kept in a sanitary and clean condition and which is provided with a cleaning implement secured therein which may be inserted within the cotton chamber to receive a small amount of cotton upon the ends thereof and the said cotton may be then pushed through the various openings in the pipe with the result that the pipe openings are kept dry as well as clean and open. Furthermore that a chamber is provided in communication with the duct 7 which is adapted to serve as a suitable drain therefrom and furthermore that any smoke going down and passing there-through will be suitably cooled and purified.

Having thus fully described the invention, what is claimed is:—

1. The combination with a smoker's pipe provided with an auxiliary bore in communication with the main aperture by cross

passages, of a threaded plug engaging the open end of said auxiliary bore, a tube connected to and extending from said plug, said plug provided with an opening extending therethrough and in communication with the interior of said tube, said tube provided with an abraded end for the engagement of pipe cleaning material, a knob having a needle connected thereto and frictionally engaging the side walls of and housed by the said tube, the said needle provided with an abraded end, said needle being withdrawable from the said tube without opening the said auxiliary bore.

2. A smoker's pipe comprising a body portion provided with an auxiliary bore in communication with the main bore by cross passages, a plug engaging and closing the open end of said auxiliary bore, a tube carried by said plug, said plug provided with an opening extending therethrough and communicating with the interior of said tube, said tube provided with an abraded end for the engagement of pipe cleaning material, a knob having a needle connected thereto frictionally engaging the side walls of and housed by said tube, the needle provided with an abraded end, said needle being withdrawable from the said tube without opening the said auxiliary bore.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

ROBERT L. LOFLIN.

Witnesses:

W. P. WELCH,
C. DUNBAR.