H. M. BROWN.

PIPE.

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1,231,485. Patented June 26, 1917.

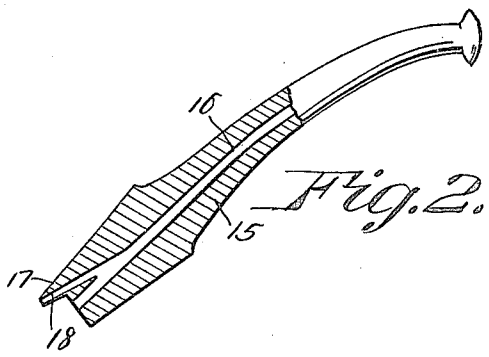
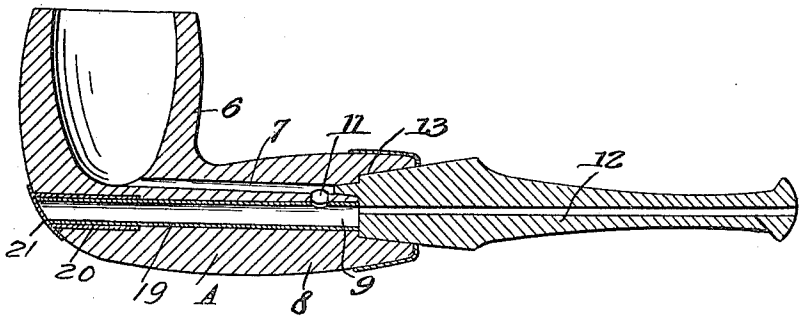


Fig. 2.

Fig. 1.



Witnesses

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UNITED STATES PATENT OFFICE.

HARRY M. BROWN, OF MENDOCINO, CALIFORNIA.

PIPE.

1,231,485. Specification of Letters Patent. Patented June 26, 1917.

Application filed April 30, 1915. Serial No. 25,010.

To all whom it may concern:

Be it known that I, HARRY M. BROWN, a citizen of the United States of America, and resident of Mendocino, in the county of Mendocino and State of California, have invented certain new and useful Improvements in Pipes, of which the following is a specification.

This invention relates to smokers' articles and particularly to pipes an object of this invention being to provide novel means for trapping moisture, due to the saliva deposits which find their way into pipe stems and, with pipes of ordinary construction, interfere to a greater or less extent with the free burning of the tobacco and which also fouls the ducts through which the smoke passes from the bowls to the stems.

With the foregoing and other objects in view, the invention consists in the details of construction, and in the arrangement and combination of parts to be hereinafter more fully set forth and claimed.

In describing the invention in detail, reference will be had to the accompanying drawings forming part of this specification, wherein like characters denote corresponding parts in the several views, and in which—

Figure 1 illustrates a sectional view of a pipe embodying the invention; and

Fig. 2 illustrates a sectional view of a stem.

In these drawings 6 denotes a bowl of a pipe having a smoke duct 7 leading therefrom and said bowl has a neck 8 with a saliva duct 9, here shown as comprising a tubular cavity, the tube of which is preferably made of metal. The outer end of the tubular cavity is closed by a cup plug 21 extending into the cavity and is capable of being withdrawn for the removal of the saliva deposit. In the present embodiment of the invention, that portion of the neck between the duct 7 and the cavity 9 has a port 11 to which smoke may pass and the neck is provided with a stem 12 having a projection 13 leading into the end and closing the duct 7, whereas the said stem has an opening 14 communicating with the inner end of the duct 9 so that smoke coming from the bowl passes through the duct 7, port 11, duct 9 to the stem opening, and saliva which enters the mouth-piece of the stem passes into the duct 9 where it is collected and from which it may be readily removed. The stem 15 which illustrates a modification has an opening or passage 16 and projection 17 which corresponds with the projection 13 of the form shown in Fig. 1 and the said projection 17 has a passage 18 therein leading to the opening in the stem. The passage 18 is adapted to register with the duct 7 and in the form just described smoke from the bowl will pass directly from the bowl to the duct 7 through the passage 18 to the opening in the pipe stem, and saliva will pass through the opening in the pipe stem and reach the duct 9 where it will be collected as in the previously described construction. Of course, where the stem shown in Fig. 2 is employed, the port 11 would not exist but there would be an uninterrupted partition between the ducts 7 and 9.

As shown in Fig. 1, the lining or tube 19 of the saliva duct which passes through the butt A of the pipe has an annular channel 20 therearound at its outer end and the cup plug 21 which closes the outer end of the saliva duct fits on the outside of the tube in the said annular channel.

I claim—

In a pipe, a bowl having a neck provided with a smoke passage and a saliva passage, a butt provided with a saliva well in communication with the saliva passage of the neck, a saliva tube in the well spaced apart from the wall of the butt of the bowl, a plug inserted in the butt of the pipe and surrounding the saliva tube, a stem applied to the neck, said stem having a smoke passage in communication with the saliva passage of the neck of the bowl of the pipe, said neck and stem having means of communication whereby smoke passes from the bowl of the pipe to the said stem.

In testimony whereof, I hereunto affix my signature in the presence of two witnesses.

HARRY M. BROWN.

Witnesses:
HENRY A. ATWOOD,
JOSHUA GRINDLE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."