April 26, 1927. 1,625,849

E. T. FITZ-GERALD

PIPE

Filed Jan. 14, 1925

Fig. 1

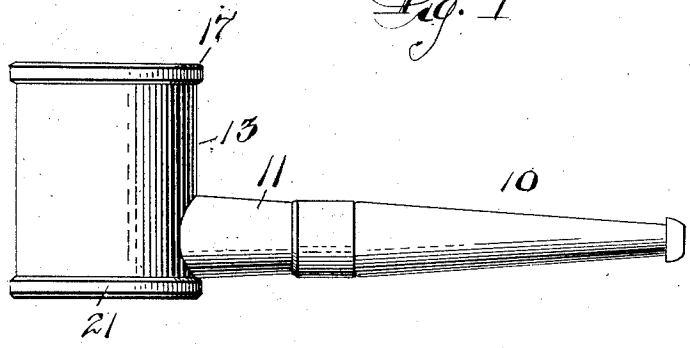


Fig. 2

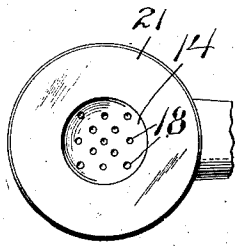


Fig. 3

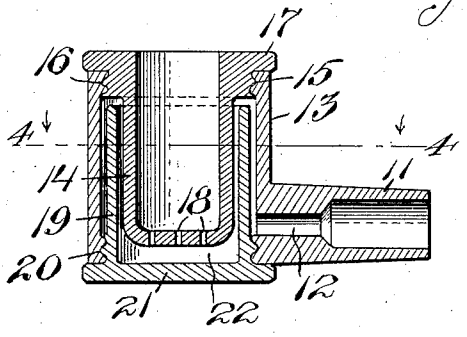
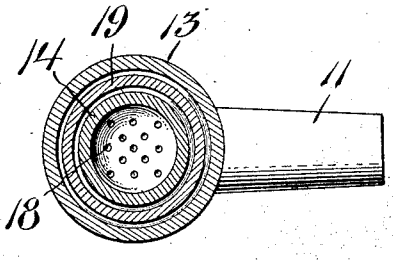


Fig. 4



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UNITED STATES PATENT OFFICE.

EDWARD T. FITZ-GERALD, OF NEWARK, NEW JERSEY.

PIPE.

Application filed January 14, 1925. Serial No. 2,246.

This invention relates to an improved pipe which is of a construction that provides for one that can be readily and thoroughly cleaned and in which the parts when separated are without any minute recesses or any that are difficult of access.

The invention is further designed to provide a pipe that on the outside where it is held on the bowl will remain relatively cool as compared with the ordinary form of pipe. Another object of the invention is to provide a pipe which has an internal baffle which prevents moisture and the usual gummy product of pipe tobacco entering into the stem of the pipe and into the smoker's mouth.

Furthermore, it provides a pipe which will last indefinitely and the parts that might burn out, that is the direct receiving elements of the tobacco, can be easily replaced. Another object of the invention is to provide for the cleaning of the pipe when it is filled without removing the tobacco from the bowl.

The invention is illustrated in the accompanying drawings in which Figure 1 is a side view of the pipe made according to my invention. Figure 2 is a top view of the pipe. Figure 3 is a vertical section and Figure 4 is a section on line 4—4 in Figure 3.

Any ordinary form of stem 10 can be used with the pipe, the stem fitting into the bowl portion and for this purpose I show a projection 11 on the bowl portion into which a reduced part on the stem can be slid. The stem opening 12 provides a passage to the inside of the shell 13 which forms the main casing or portion of the bowl, the shell 13 in the form shown being cylindrical which is the preferred form and has the bowl 14 secured thereto by a detachable means, the drawing showing the screw portion 15 on the enlarged hub 16 of the bowl, the flange 17 being usually arranged to project to cover the edges of the shell 13 to give the pipe a good finish and also to provide a ready means of grasping the bowl to unscrew it.

The bowl has openings 18 in the bottom thereof for the passage of smoke. The thimble 19 is arranged in the shell 13 and projects upward from the bottom and is detachable as by means of the screw-thread 20 and has a flange 21 to extend over the bottom of the shell 13 to close it. The walls of the thimble 19 are spaced from the inner face of the shell and the bowl 14 is spaced from the inner wall of the thimble so that the thimble forms a baffle.

The bowl is projected so that its bottom does not reach the flange 21 so that a chamber 22 is provided for the accumulation of any grit through the holes 18. The smoke passes into the chamber 22 from the holes 18 and up between the bowl and the thimble, then over the top of the thimble and down between the thimble and the shell and then out of the stem opening 12, the screw-threaded part 20 extending to a point that is not above the passage 12. This passage provides for a cooling of the smoke, keeps the shell 13 cool, and it provides for a cleaning of the pipe by simply removing the thimble, the bottom of which can be easily cleaned since it is without projections on the bottom being simply a cup-like article and when it is removed the holes 18 are accessible so that a whisk or any other form of cleaner can be forced through them.

If the bowl is to be cleaned it can be removed readily from the shell and all the parts are of solid build so that they cannot be readily broken nor twisted out of shape by any cleaning operation and are thus designed to last indefinitely.

I claim:

A pipe comprising a cylindrical shell with open ends and a lateral stem opening at the bottom, a cylindrical thimble with a flange at its closed end, said thimble screwed into the bottom of the shell and having its enclosed part slightly smaller than the inside of the shell and having its flange fitting against the bottom edge of the shell, and a bowl screwed into the top end of the shell and having a part within the thimble and slightly smaller than the thimble, the bowl having a flange to extend to form the top rim of the shell, the parts forming a series of annular cylindrical spaces when assembled, and presenting all surfaces subject to easy wiping when separated.

In testimony that I claim the foregoing, I have hereto set my hand, this 23rd day of October, 1924.

EDW. T. FITZ-GERALD.