

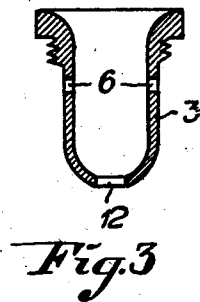
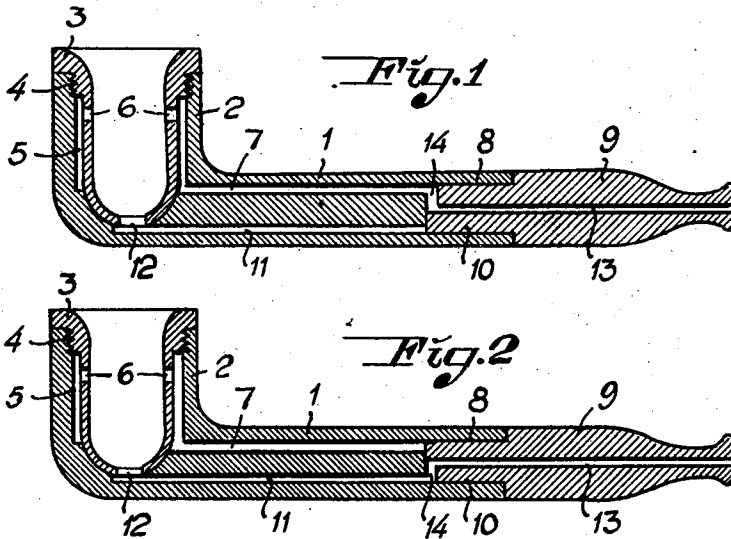
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TOBACCO PIPE

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TOBACCO PIPE

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3 Claims. (Cl. 131-216)

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This invention relates to tobacco pipes and more particularly to that type of tobacco pipe having two separate smoke bores leading from the pipe bowl to the mouth-piece bore.

One object of my invention is to provide a tobacco pipe of the type referred to which avoids a sloping or uneven burning of the tobacco in the pipe bowl.

A further object is to provide a construction for preventing the undermost tobacco layer in the pipe bowl from becoming damp as a result of smoke from the upper layer passing therethrough.

A still further object is to provide a pipe which is readily cleanable.

These and further objects I attain by the construction described with reference to the accompanying drawing, in which—

Figs. 1 and 2 are longitudinal sections of the pipe with the mouth-piece in two different positions having an angular difference of 180°.

Fig. 3 shows a section of the insertion proper.

The pipe bowl consists of an outer part or cover 2 connected with the pipe bowl stem 1, and an insertion 3. The insertion is provided with threads 4 and is screwed into the pipe bowl and can readily be removed for cleaning. The insertion 3 abuts against the outer part 2 at the top, i. e., at the threads 4 and at its bottom, and around the interjacent part there is a recess forming an annular chamber 5. At a suitable height of the insertion wall, there are two openings 6 leading to the annular chamber 5. This chamber communicates with a smoke bore 7 leading to a bore 8 located at the end of the pipe bowl stem 1 and adapted to receive the journal 10 of the mouth-piece 9. A smoke bore 11 separated from the smoke bore 7 connects an opening 12 in the bottom of the insertion with the bore 8. The mouth-piece 9 is as usual provided with a central bore 13. As there is cut off a portion of the end of the journal 10 to about half of the diameter thereof, there is formed a recess 14, which constitutes a communication between the bores 7 and 13, in the position shown in Fig. 1, and between the bores 11 and 13, in the position shown in Fig. 2. The remaining outer end face of the journal will, in these positions, close the bores 11 and 7, respectively.

The pipe bowl being filled, the mouth piece at first will be adjusted in the position shown in Fig. 1, and during the smoking of the tobacco layer located above the openings 6, the smoke is sucked through the openings 6, the chamber 5 and the smoke bore 7. As the openings 6 are evenly distributed around the insertion, the to-

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bacco layer will burn down to these openings evenly and not slopingly, as is the case in tobacco pipes having one opening on one side only of the inner wall of the pipe bowl. If desired, more than two openings may be disposed peripherally around the wall of the insertion 3. After the tobacco layer located above the openings 6 has been smoked up the mouth-piece 9 is turned half a revolution and the underlying tobacco layer can now be smoked, the smoke then passing through the opening 12 and the bore 11. The taste of the underlying tobacco layer has not been deteriorated by the foregoing smoking, but has the same good taste as in a fresh-filled pipe.

In order to clean the tobacco pipe, the insertion 3 is unscrewed and the bores 7 and 11 then can be readily cleaned by means of ordinary pipe cleaners. For this purpose, it is of great advantage that both of these bores are parallel to the bore 8.

The embodiment described above and shown in the drawing is to be considered as an example only and may, of course, be modified as to its details.

What I claim is:

1. A tobacco pipe, comprising in combination a pipe bowl, an insertion provided with a filling top opening and secured in said pipe bowl, said insertion being hermetically sealed to the bowl adjacent the upper edge thereof and also adjacent the lower end thereof and having its intermediate portion spaced from the bowl to form an annular chamber, at least two smoke openings disposed adjacent to the upper edge and on the same level in the wall of said insertion and communicating with said annular chamber, said openings being evenly distributed around said insertion, a bottom smoke opening in said insertion, a mouth-piece having a channel, means for joining said pipe bowl and said mouth-piece, a first bore communicating with said annular chamber, a second bore communicating with said bottom smoke opening, and means for alternatively putting said mouth-piece channel into communication with either of said bores whereby the mouth piece channel communicates with the first bore while being shut off from communication with the second bore and vice versa.

2. A tobacco pipe, comprising in combination a pipe bowl, an insertion provided with a filling top opening and secured in said pipe bowl, said insertion being hermetically sealed to the bowl adjacent the upper edge thereof and also adjacent the lower end thereof and having its intermediate portion spaced from the bowl to form

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an annular chamber, at least two smoke openings disposed adjacent to the upper edge and on the same level in the wall of said insertion and communicating with said annular chamber, said openings being evenly distributed around said insertion, a bottom smoke opening in said insertion, a mouth-piece having a channel, a stem part projecting from and secured to said pipe bowl, a first bore located at the end of said stem part and adapted to receive one end of said mouth-piece, a second bore connecting said annular chamber with said first bore, a third bore connecting said bottom smoke opening with said first bore, a rotatable valve device secured to said end of said mouth-piece and adapted to alternately put said channel into communication with either of said second and third bores whereby said mouth piece channel communicates with said annular chamber while being shut off from said bottom smoke opening and vice versa.

3. A tobacco pipe bowl comprising an outer cover, an insertion provided with a filling top opening and secured in said outer cover, said insertion being hermetically sealed to the cover adjacent the upper edge thereof and also adjacent the lower end thereof and having its intermediate portion spaced from said cover to form an annular chamber, at least two smoke openings disposed adjacent to the upper edge and on the same level in the wall of said insertion and

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communicating with said annular chamber, said openings being evenly distributed around said insertion, a bottom smoke opening in said insertion, a stem part projecting from and secured to said outer cover and adapted to receive a mouth-piece, a first bore in said stem part communicating with said annular chamber, a second bore in said stem part communicating with said bottom smoke opening and a bore in said mouth-piece adapted to communicate alternately with said first and second bores whereby said mouth-piece bore may communicate with the annular chamber while being shut off from said bottom smoke opening and vice versa.

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