

March 5, 1929.

O. ASPGREN

1,704,584

## PIPE

Filed July 2, 1927

Fig. 1.

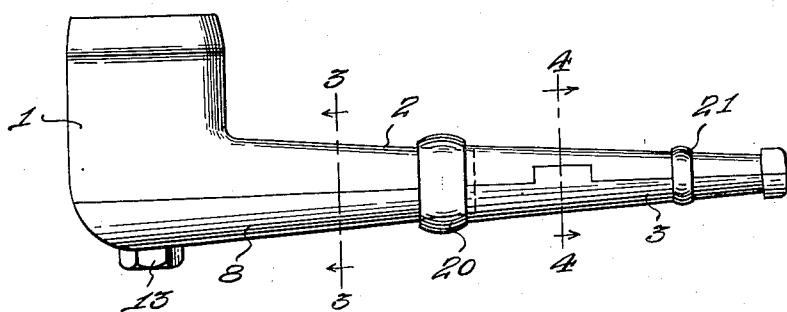


Fig. 2.

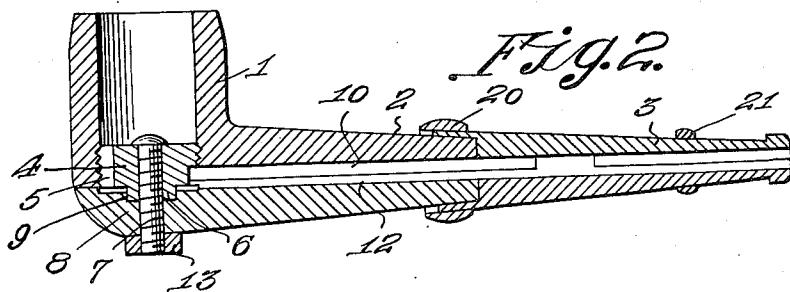
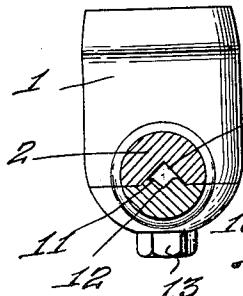


Fig. 5.

Fig. 5.

*F.I.G. 4.*



A horizontal bar with a vertical striped section on the left and a solid black section on the right.

Fig. 7 17-10

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**WITNESS:**

## UNITED STATES PATENT OFFICE.

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## PIPE.

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My present invention has reference to a tobacco pipe and my aim is the provision of a smoker's article of this type, constructed of sections which may be readily disassociated 5 to facilitate the cleaning of the pipe and as readily assembled in an effective manner, and further wherein the smoke is caused to take a circuitous passage so that the same will be cooled before entering the mouth of the 10 smoker.

To the attainment of the above broadly stated objects and others which will appear as the nature of the invention is better understood, the improvement resides in the construction and operative association of parts, a 15 satisfactory embodiment of which is disclosed by the accompanying drawings.

In the drawings:

Figure 1 is a side elevation of a smoker's 20 pipe in accordance with this invention.

Figure 2 is a longitudinal sectional view therethrough.

Figure 3 is a sectional view on the line 3—3 25 of Figure 1.

Figure 4 is a sectional view on the line 4—4 30 of Figure 1.

Figures 5 and 6 illustrate respectively inner plan views of the mouth piece sections.

Figure 7 is a perspective view of the plug.

The bowl of the pipe is indicated by the 35 numeral 1, the stem by the numeral 2 and the mouth piece by the numeral 3. The bowl 1 has its bore at the lower portion thereof threaded and in this threaded portion there is

35 screwed a plug 4. The plug has one of its sides notched, as at 5, and its bottom is formed with a depending boss or lug 6. Passing centrally through the plug there is a headed and threaded member 7. This member 7 also

40 passes through an opening in the outer section 8 for the stem and for the bowl. The boss 6 is received in a pocket 9 on the inner face of the part 8 of the pipe, and the stem proper and the stem portion formed on the removable

45 pipe section 8 have an alining smoke passage. The inner flat face of the stem 2 of the pipe bowl is formed with a V-shaped passage 10, and the inner flat face of the stem portion of the removable section 8 is formed with a rib

50 11 whose walls are disposed at an angle for frictional engagement with the angle side walls of the passage 10. The rib 11 is cen-

trally formed with a substantially V-shaped groove 12 that registers with the groove or passage 10. The section 8, is held against the bowl proper and the stem 2 by a nut 13 which is screwed on the threaded member or bolt 7. The plug 4 forms the bottom of the smoke chamber and the notch 5 affords a smoke passage from the chamber to the smoke 60 passage of the stem. The boss 6 offers an abutment for the smoke passing from the smoke chamber so that the smoke is caused to travel around the boss before passing through the stem and consequently the smoke 65 is cooled before being drawn into the smoker's mouth.

The stem 3 is made up of two sections, one of which is provided with a substantially V-shaped groove or passage 14 and the other 70 with a rib 15 whose side walls are angular to frictionally engage with the side walls provided by the groove or passage 14. The rib is centrally formed with a passage 16 that registers with the passage 14. One of the sections is formed with transverse lugs 17 at the opposite sides of the passage 16, and the other has a transverse notch 18 to receive the lug 17 therein. The mouth piece sections have a round opening entering from one of the ends 75 thereof, and this opening 19 receives therein the outer end of the stem 2 and the outer end of the stem portion of the detachable member 8. A band or ferrule 20 is passed over the sections comprising the mouth piece and compresses the said mouth piece against the pipe stem while a second band 21 is also arranged over the mouth piece sections to assist in holding the same associated. 85

The construction and advantages of my 90 improved smoker's pipe will, it is thought, be apparent to those skilled in the art to which such invention relates, so that further detail description will not be required.

Having described the invention, I claim:— 95

A smoker's pipe including a bowl having an open bottom and a stem section extending from said bottom, a second removable stem section having a widened end portion to close the open bottom of the bowl, interengaging 100 ribs and grooves at the confronting portions of the pipe, a clamp surrounding the outer end of the stem sections and for attaching a mouth piece thereon, a threaded plug having oppo-

site flat faces which is screwed in the lower portion of the open bottom of the bowl and which has a depending lug seated in the widened end portion of the removable stem section, said plug having its threaded portion provided with a peripheral notch that communicates with the smoke passage in the stem,

and a headed bolt passing centrally through the plug and through the widened end portion of the removable stem section and a nut 10 screwed on said bolt and frictionally engaging with the said widened end portion of the removable stem section.

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