



# UNITED STATES PATENT OFFICE

2,486,333

## TOBACCO PIPE

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Application August 1, 1946, Serial No. 687,782

1 Claim. (Cl. 131—215)

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This invention relates to an improved smoker's pipe, and the primary object of the invention is to provide a pipe than can be thoroughly cleaned without the necessity of taking the pipe part or emptying the tobacco from the bowl.

Another object of the invention is to provide a smoker's pipe that is unique in structure, comprising a few simple, durable parts that are easily assembled and the entire pipe being inexpensive to manufacture.

With the above and other objects and advantages in view, the invention consists of the novel details of construction, arrangement and combination of parts more fully hereinafter described, claimed and illustrated in the accompanying drawing in which:

Figure 1 is a longitudinal, sectional view of an embodiment of the invention with the plunger in smoking position;

Figure 2 is the same, with the plunger in cleaning position;

Figure 3 is a longitudinal, sectional view of the plunger;

Figure 4 is a sectional view on the line 4—4 of Figure 3;

Figure 5 is a sectional view on the line 5—5 of Figure 1;

Figure 6 is a perspective view of the valve on the end of the plunger and

Figure 7 is a sectional view on the line 7—7 of Figure 1.

Referring more in detail to the drawing, the reference numeral 10 designates a pipe bowl, having the bowl chamber 12 and a horizontal threaded bore 14 for reception of the threaded end 16 of the tubular body shank or stem 18 projecting therefrom at an inclined relation to the bowl. Inserted in the free end of the stem 18 is the removable mouth piece or bit 20 having a reduced portion 22 and an internally threaded bore 24 for reception of the threaded end 26 of the plunger 28.

The plunger 28 is provided at one end with the elongated slot 30 and at the opposite end is threaded at 32 to receive the internally threaded valve 34, having the curved seat 36 which will coact with the selective port 38 in the bottom of the bowl chamber 12, and the port 40 in opposed relation to the port 38. Therefore, port 38 communicates with the chamber 12 and port 40 communicates with the atmosphere.

In assembling the pipe, a nut 42 on the plunger 28 locks the bit and plunger in fixed relation to each other so that by turning the bit, the seat 36 in the valve will coact with either one of the ports as in Figure 1 for smoking of the pipe, and in Figure 2 for the cleaning thereof. A cork gasket 44 is positioned in the stem 18 for fixed engagement with the reduced portion 22 of the bit for an airproof joint, yet will permit rotation of the bit as desired.

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The pipe can thus be cleaned at short intervals by rotating the stem to place the valve in communication with the atmosphere, and without removing the tobacco the smoker can blow into the bit and the moisture will pass out the port 40, after which the bit can be again rotated for smoking.

It will be impossible to draw moisture into the mouth, since the only communication the bit has with the stem is the slot 30 in the plunger 28 and the stem forms a reservoir which will trap the moisture and prevent the moisture from entering the smoker's mouth. By pulling the bit and its component parts out of the stem, the stem can be cleaned, since the valve which has a close fit with the stem will scrape the stem clean as it is withdrawn.

There has thus been provided, a pipe that will accomplish the object of the invention and it is believed that the construction and operation of the invention will be apparent to those skilled in the art, and it is to be understood that changes in the minor details of construction may be resorted to, providing they fall within the spirit of the invention and the scope of the appended claim.

Having thus described the invention, what is claimed as new and desired to be secured by Letters Patent is:

A smoker's pipe comprising a bowl having a tobacco chamber, a threaded bore and two aligned ports therein, one of the ports communicating with the bore and chamber and the other port communicating with the bore and open to the atmosphere, a removable tubular stem threadably connected at one end to the bore in the bowl and a mouth piece removably connected to the opposite end of the stem, a plunger threadably connected to the mouth piece and extending into the stem, said plunger having an elongated slot at its connection to said mouth piece, and a valve threadably connected to the opposite end of the plunger, said valve including a curved seat whereby upon rotation of said mouth piece said seat will be positioned opposite to either of the ports for the smoking or cleaning of the pipe.

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### REFERENCES CITED

The following references are of record in the file of this patent:

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