Aug. 20, 1957 WENSAN WANG 2,803,255

SMOKING PIPE

Filed May 27, 1955

Fig-1

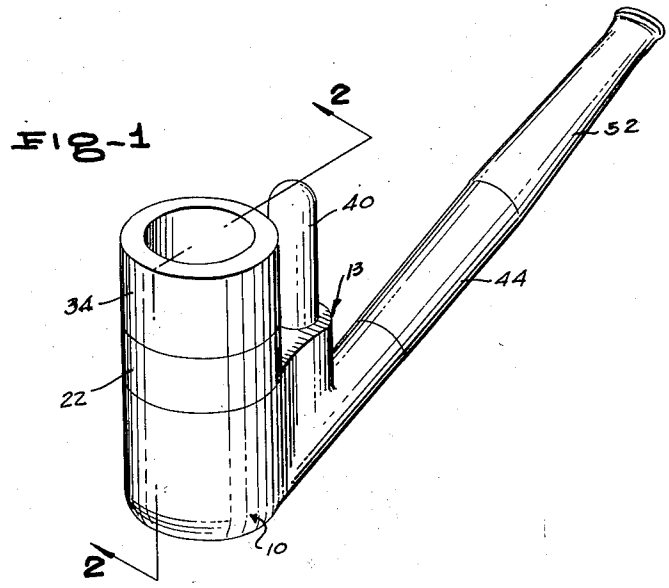


Fig-2

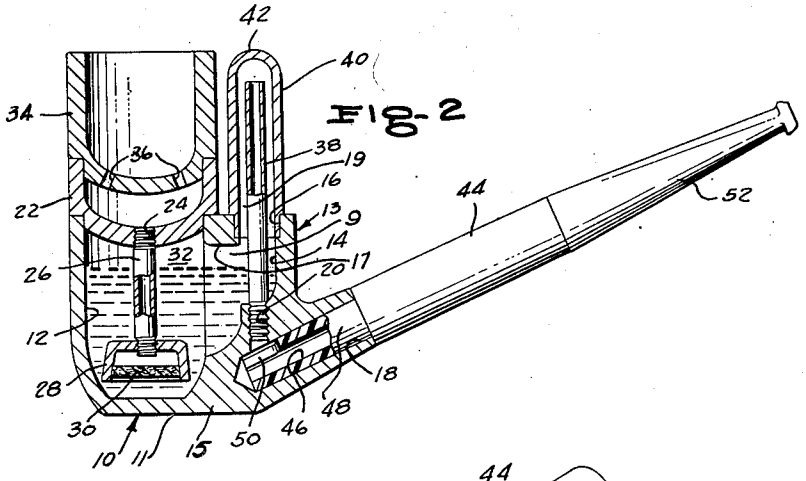
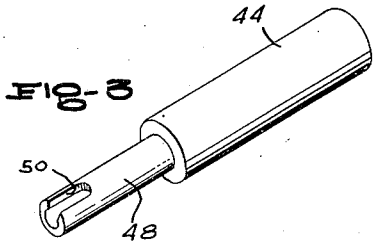


Fig-3



INVENTOR.

WENSAN WANG

BY

McMorrow, Berman & Davidson

ATTORNEYS

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SMOKING PIPE

Wensan Wang, Tokyo, Japan

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2 Claims. (Cl. 131—173)

This invention relates to a smoking pipe and more particularly to a pipe of the type having a water reservoir containing water through which the smoke is drawn during the smoking of the pipe.

The primary object of the invention is to wash, cool and moisten the smoke after it leaves the tobacco burning bowl and before it enters the mouth of the smoker.

A further object is to condense any undesirable matter that may escape from the smoke after it leaves the water reservoir.

Other objects and advantages will become apparent from the following description taken in conjunction with the accompanying drawing wherein:

Figure 1 is a perspective view of a smoking pipe embodying the features of this invention;

Figure 2 is a sectional view taken substantially on the line 2—2 of Figure 1, portions of the pipe stem being shown in elevation; and

Figure 3 is a perspective view of the pipe stem showing the bit removed.

Referring to the drawing, the smoking pipe of the present invention comprises an upstanding body **10** including an open top and a closed bottom **11** and having a bore **12** extending inwardly from the open top to said bottom. An upstanding casing **13** having a bottom **15** and closed on one side as indicated by the numeral **14**, and open at the other side as indicated by the numeral **9** is positioned in tandem relation with respect to the body **10** with the open side **15** in communication with the bore **12** intermediate the open top and closed bottom **11** of the body **10** and forming with said body a water reservoir **32**. An overhanging ledge **17** extends over the top of the casing **13** from its closed side **14** to its open side **9**, the ledge **17** having an opening **16** extending therethrough. The closed side **14** of the casing **13** is provided with a pipestem receiving recess **18** which extends therethrough and commmunicates with the reservoir **32** and a port **20** extending vertically from the recess **18** into the reservoir **32**, the port **20** being in axial alignment with a ledge opening **16**.

An upstanding conduit **38** is positioned within the casing **13** and extends through the ledge opening **16** and has its lower end connected with the port **20** and has the portion adjacent the upper end exteriorly of and above the ledge **17**. The conduit **38** is of a size smaller than the opening **16** in the ledge **17** and forms with the wall of the opening an annular passage **19** for the egress of smoke from the reservoir **32**. An inverted U-shaped condensing cap **40** surrounds and is closely spaced from the upper end portion of the conduit **38** and has the bight spaced from the upper end of the conduit **38** and the legs spaced from the conduit and supported on the ledge **17**.

A tobacco bowl **34** is positioned on the body **10** and a vertically disposed smoke discharge tube **26** is positioned within the part of the reservoir **32** defined by the body **10** and has its upper end communicating with the interior of the bowl **34** and has its lower end spaced above the bottom **11** of the body **10**. The cap **40** extends upwardly from the ledge **17** to a height equal to that of the bowl

34. Carried by the lower end of the tube **26** is an inverted cup member **28** which has a filter **30** closing the open end thereof, the filter being fabricated of suitable porous material that will permit the smoke passing through the tube **26** from the bowl **34** to enter the water reservoir **32**. As shown in Figure 2, a smoke receiving bowl **22** is interposed between the open top of the body **10** and the bowl **34**, the bowl **22** having an axial opening **24** extending therethrough into which is threadedly engaged the upper end of the tube **26**. The bowl **22** has a slip fit in the bore **12** so that the bowl **22** and the tube **26** together with the cup **28** and filter **30** may be removed as a unit from the body **10**. Fitted into the upper end of the bowl **22** is the bowl **34**, the bowl having passages **36** which communicate with the interior of the bowl **22**.

A pipe stem **44** is provided with a bore **46** and an extension **48** of a diameter to fit within the pipe stem receiving recess **18**, and extending through the side of the pipe stem extension **48** is a notch **50** which is adapted to be moved into registration with the port **20** when the pipe is in use. The pipe stem **44** is provided with a conventional bit **52** through which the smoke is drawn into the mouth of the smoker.

In use, upon filling the bowl **34** with tobacco, and igniting it, smoke may be drawn through the passages **36** into the smoke receiving bowl **22**, through the smoke discharge tube **26** and filter **30** into the reservoir **32** containing the water by which the smoke is washed, cooled and moistened. The smoke leaving the reservoir **32** passes upwardly through the passage **19**, and thence downwardly through the conduit **38** and port **20** into the pipe stem receiving recess **18**. With the notch **50** registering with the port, the smoke will be drawn through the bore **46** in the pipe stem **44** and through the bit **52** into the mouth of the smoker. Because the upper end of the conduit **38** is well above the level of the water in the reservoir **32**, and the cap **40** is exposed to cooling air, thereby condensing vapor which may rise in the cap, substantially no water will pass through the conduit **38** and into the pipe stem receiving recess **18**.

While in the foregoing there has been shown and described the preferred embodiment of this invention, it is to be understood that minor changes in the details of construction, combination and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as claimed.

What is claimed is:

1. A smoking pipe comprising an upstanding body having an open top, an upstanding casing positioned in tandem relation with respect to said body and having a side portion in communication with the interior of said body, a horizontal ledge positioned on the top of said casing, there being an opening extending through said ledge, said casing adjacent the bottom having a pipe stem receiving recess extending transversely therethrough, a vertically directed conduit positioned within said casing and extending through said ledge opening and having its lower end in communication with said pipe stem recess and having the portion adjacent its upper end exteriorly of and above said ledge, said conduit being of a size smaller than the ledge opening and forming with the wall of the ledge opening an annular passage for the egress of smoke, a condensing cap surrounding and closely spaced from the upper end portion of said conduit and supported on said ledge, a tobacco receiving bowl positioned above and over the open top of said body and connected to said body, said cap extending upwardly from said ledge to a height equal to that of the bowl, and a vertically disposed smoke discharge tube positioned within said body and having the upper end in communication with said bowl.

2. A smoking pipe according to claim 1 which includes in addition a pipestem mounted in the pipestem receiving

recess adapted for rotation about the longitudinal axis thereof, said pipestem having a notch at one end thereof opening through one side thereof for establishing communication between the interior of the pipe stem and said discharge tube.

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