April 2, 1940. A. C. SORENSEN 2,195,522

SMOKING PIPE

Filed Jan. 11, 1939

Fig. 1.

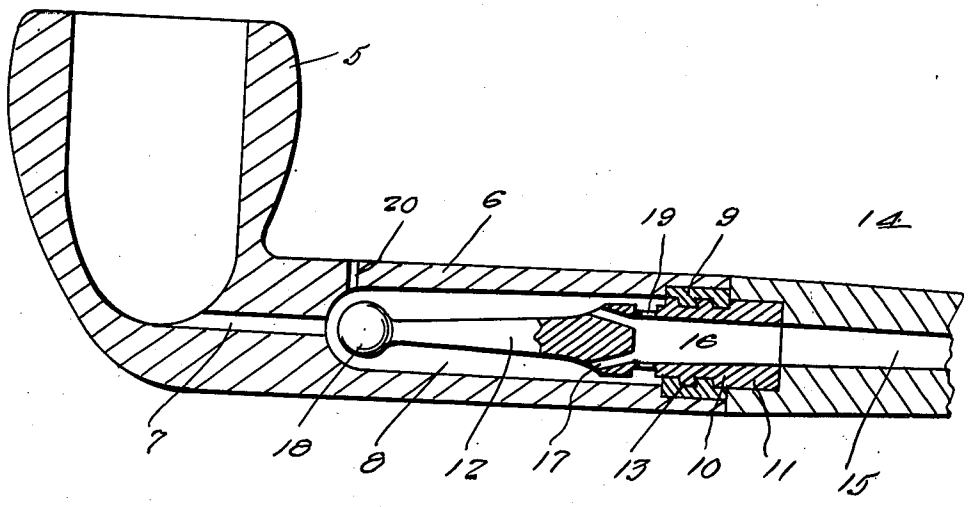
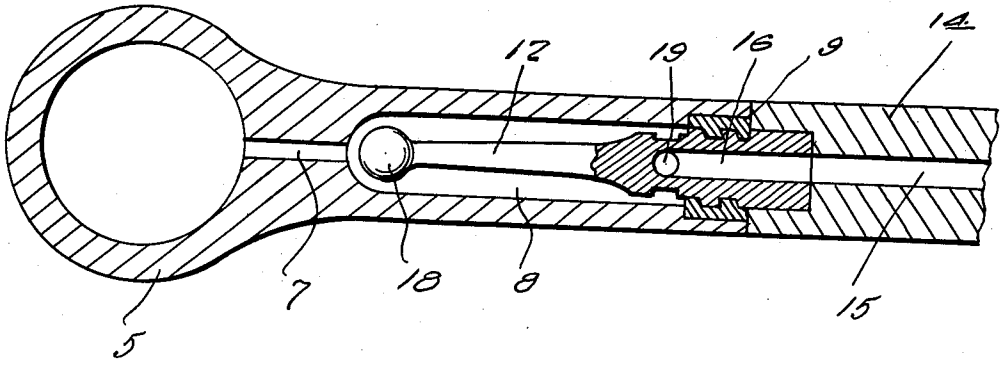


Fig. 2.



Inventor

A. C. Sorensen

By Clarence A. O'Brien and Hyman Berman

Attorneys

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SMOKING PIPE

Arvid C. Sorensen, Bottineau, N. Dak.

Application January 11, 1939, Serial No. 250,415

1 Claim. (Cl. 131—210)

The present invention relates to smoking pipes and has for its primary object to provide a combined nicotine and saliva collecting chamber between the bowl of the pipe and the stem whereby to collect loose particles of tobacco and nicotine from the bowl to prevent the same from passing into the smoke passage of the stem and also to permit the drainage of saliva from the stem into said collection chamber.

Another object of the invention is to provide an air vent adjacent the bowl for the purpose of mixing cool air with the smoke passing from the bowl to the stem of the pipe.

A still further object is to provide a device of this character of simple and practical construction, which is efficient and reliable in performance, relatively inexpensive to manufacture and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages resides in the details of construction as more fully hereinafter described and claimed, reference being had to the accompanying drawing forming part hereof, wherein like numerals refer to like parts throughout, and in which—

Figure 1 is a vertical longitudinal sectional view, and

Figure 2 is a horizontal longitudinal sectional view.

Referring now to the drawing in detail, wherein for the purpose of illustration I have disclosed a preferred embodiment of the invention, the numeral 5 designates the bowl of the pipe having the stem 6 extending therefrom, a smoke passage 7 leading from the bowl rearwardly through the stem and terminating in an enlarged chamber 8. Within the end of the stem 6 is frictionally fitted an internally threaded metallic sleeve 9 with which is threadedly engaged a metallic connector 10 having a tubular end portion 11 and a solid end portion 12.

An intermediate portion of the tubular end portion 11 is externally threaded as shown at 13 for threaded engagement with the sleeve 9 and the outer end of the end portion 11 is smooth and frictionally fitted in the mouth-piece 14, the smoke passage 15 of the mouth-piece being arranged in longitudinal alignment with the smoke passage 16 of the tubular end portion 11.

The smoke passages 15 and 16 are preferably of oblong cross-sectional shape with their long walls extending vertically and the vertical walls of the passages taper toward the outer end of the mouth-piece. It will be understood however, the passages 15 and 16 may be round in cross-section, if desired.

The inner end of the passage 16 terminates in inclined passages 17 communicating with the chamber 8 and the solid end portion 12 which extends inwardly from the passages 17 is of tapering form and terminates in a rounded head 18 positioned in spaced relation with the end of the smoke passage 7, said solid end portion 12 being maintained in spaced relation with respect to the walls of the chamber 8 as will be apparent.

Immediately adjacent the rear end of the passages 17 are also provided a plurality of openings 19 extending through the walls of the tubular end portion 7, said openings likewise communicating with the chamber 8.

The upper portion of the stem 6 is provided with an air vent 20 which communicates with the inner end of the chamber 8.

In the operation of the device it will be apparent that nicotine and particles of tobacco passing through the smoke passage 7 will be collected in the chamber 8 and likewise any saliva collecting in the smoke passage 15 of the mouthpiece will be drained through the openings 19 as well as through the passages 17 also into the chamber 8.

It is believed the details of construction will be readily understood from the foregoing without further detailed explanation.

Having thus described the invention, what I claim is:

A smoking pipe comprising a bowl having a stem leading therefrom, said stem being provided with a smoke passage terminating in an enlarged chamber, an internally threaded sleeve fitting in the rear end of the chamber, a mouthpiece having a smoke passage therein which gradually increases in size from its outer to its inner end and said inner end being enlarged to form a socket, a condenser forming member having a tubular part having an end part fitting in said socket, with the bore of the tubular part forming a continuation of the bore of the mouthpiece, an intermediate portion of the tubular part being exteriorly threaded to engage the threads of the sleeve, said condenser member including a solid stem extending forwardly from the tubular part and terminating in a rounded head, said stem and head being spaced from the walls of the chamber, the stem of the bowl having a port in its upper portion for admitting air into that part of the chamber in which is located the head of the condenser member, said head being slightly spaced from the outlet end of the small part of

the smoke passage in the stem of the bowl and directly opposite said outlet end, the said condenser member having forwardly diverging passages therein leading from the front end of the bore of the tubular part through the rear end of the shank part and said tubular part having radial openings therein, one of which leads from the bore through a lower part of the tubular portion and one of the passages also passing through a lower portion of the condenser member, that part of the tubular portion of the condenser member located in the chamber of the stem being spaced from the walls of said chamber.

ARVID C. SORENSEN.