Nov. 14, 1933. R. A. GILLIES 1,935,356

MOUTHPIECE FOR TOBACCO PIPES

Filed May 25, 1931

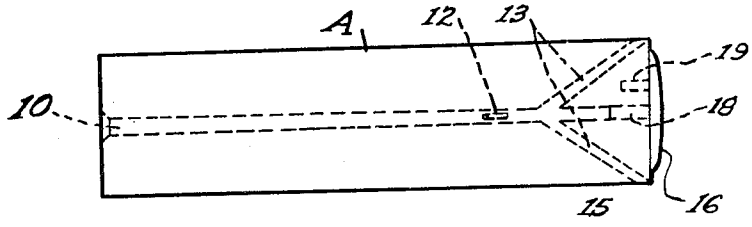


FIG. 1

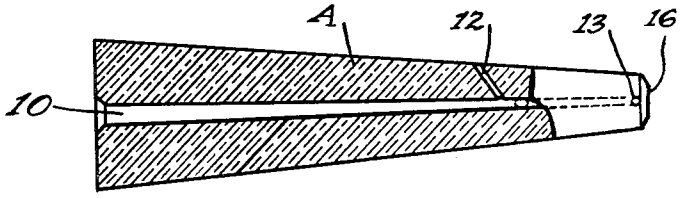


FIG. 2

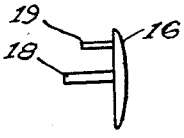


FIG. 4

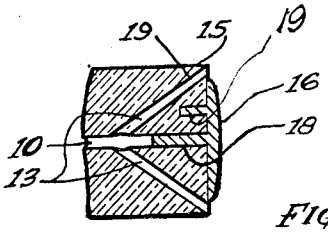


FIG. 3

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MOUTHPIECE FOR TOBACCO PIPES

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Application May 25, 1931, Serial No. 539,846, and in Canada May 5, 1931

2 Claims. (Cl. 131—12)

My invention relates to improvements in tobacco pipe mouthpieces and the objects of my invention are, to reduce to a minimum the heat of the smoke when entering the mouth and to prevent the drawing into the mouth the substance known as slugs, thereby giving the user a cooler and cleaner smoke. I attain these objects by the means illustrated in the accompanying drawing, in which,

Referring to the drawing, wherein like numerals of reference indicate corresponding parts in the various figures.

Figure 1 is a plan view of a mouthpiece adapted to receive the stem of a tobacco pipe, and made in accordance with this invention;

Figure 2 is a part-elevation, part-section of Figure 1;

Figure 3 is a fragmentary section of Figure 1;

Figure 4 is a plan view of the cap closing the main draft.

Referring now by numerals to the drawing, the mouthpiece, A, has the main draft 10 extending from one end of the device to the other, in the longitudinal axis thereof. One end is adapted to receive the stem of the pipe (not shown) and the other end is received into the mouth, all according to practice.

Intermediate of the length of the device, and substantially nearer the mouth end than the stem end, is a small vent 12, of such a diameter or cross-sectional area as not to interfere with the proper operation of the device, the function of this vent being to admit cool air into the main draft 10, where it mixes with the warm smoke, and before the mixture enters the mouth.

Between the vent 12 and the mouth end of the device, are two diagonally-disposed, lateral drafts 13, diverging from the main draft to emerge out of the device near the mouth end thereof. Thus, the smoke induced into the main draft 10 is divided into two streams before the smoke enters the mouth.

When the device is gripped between the teeth, the mouth ends of the lateral drafts 13 are inside the mouth, so that the smoke streams induced by suction are received into the mouth.

The cap, 16, which is preferably made of metal and may assume the form shown in Figure 1, comprises a flat plate 17 adapted to engage the flange 14, and two pins 18 and 19 adapted to engage in the main draft 10 and a hole 20 positioned to one side of the main draft, respectively. The pins are so sized that they will be frictionally, though removably, retained in the main draft and the hole 20, respectively.

In using the device, the cap 16 is placed in operative position upon the mouthpiece, as shown, the smoke thus entering the mouth from the lateral drafts 14. When it is desired to clean the main draft, the cap is removed.

What I claim is:

1. In a mouth piece having a main draft passage extending throughout the longitudinal axis of said mouth piece, two auxiliary draft passages diverging from said main draft passage and terminating short of the mouth end whereby the smoke sucked into the main draft passage is divided into two streams before entering the mouth, a vent into said main draft passage in advance of said two auxiliary draft passages whereby cool air is sucked into said main draft passage to mix therein with the warm smoke sucked thereinto before the mixture enters said two auxiliary draft passages, said vent being of a relatively small area so as not to appreciably reduce the suction induced in said main draft passage by the user, and a removable cap friction held on the mouth end and closing said main draft passage but clearing said two auxiliary draft passages.

2. In a mouth piece having a main draft passage extending throughout the longitudinal axis of said mouth piece, said mouth piece having a recess into the mouth end and disposed laterally of said main draft passage, two auxiliary draft passages diverging from said main draft passage and terminating short of the mouth end whereby the smoke sucked into said main draft passage is divided into two streams before entering the mouth, a vent into said main draft passage in advance of said two auxiliary draft passages whereby cool air is sucked into said main draft passage to mix therein with the warm smoke sucked thereinto before the mixture enters said two auxiliary draft passages, said vent being of a relatively small area so as not to appreciably reduce the suction induced in said main draft passage by the user, and a cap having two pins frictionally engaging in said main draft and said recess, respectively, and engaging with the mouth end whereby said main draft is sealed.

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