Dec. 27, 1932. A. J. MAURO 1,892,436

SMOKING PIPE DEVICE

Original Filed June 22, 1929

Fig. 1.

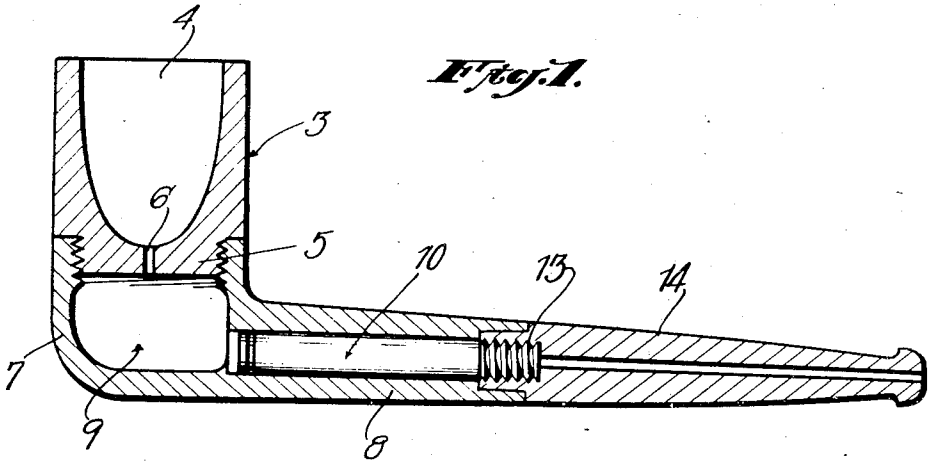
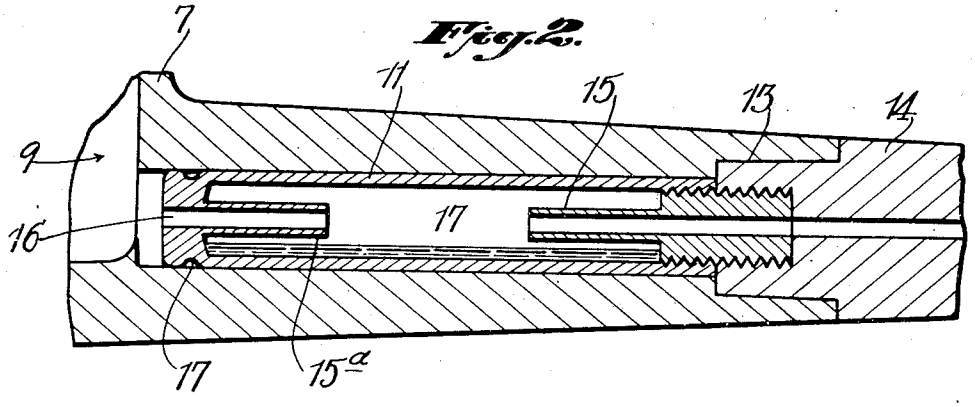


Fig. 2.



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UNITED STATES PATENT OFFICE

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SMOKING PIPE DEVICE

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This invention relates to an improved smoking pipe of the variety which is especially constructed to embody details which cooperate in subjecting the smoke to a unique and tortuous passage in such a manner as to hold the smoke to retard it and to cool it. In carrying the invention into effect, I have evolved and produced a simplified structure which may be incorporated in a pipe which in general external appearance, is the same as many of the similar devices on the market.

More specifically speaking, I provide a pipe wherein the bowl is composed of two parts, namely, a tobacco receptacle, and smoke cooling and saliva collecting cup. In addition, I have found it expedient to embody within the stem of the pipe, aluminum or metallic inserts so constructed as to further subject the smoke to a retarded action, said insert having the additional function of providing a saliva collector or trap whereby to keep undesirable nicotine juices from the mouth of the user.

The features and advantages will become more readily apparent from the following description and drawing:

In the drawing:—

Figure 1 is a view in sectional elevation of a complete pipe constructed in accordance with the present invention.

Figure 2 is an enlarged fragmentary sectional view showing the features of the nicotine collecting trap.

In the drawing the reference numeral 3 designates generally the bowl. This comprises an upper section 4 which is made to provide a receptacle for the tobacco. This has a screw threaded nipple 5 at its bottom and a restricted smoke port 6. The nipple 5 is tapped into the screw threaded upper end portion of a head 7 on the forward end of the body 8 of the pipe. This head is made to provide a smoke cooling chamber as at 9. The body includes the usual stem portion. Within this portion is the metallic insert generally designated by the reference character 10. As detailed in Figure 2, this is preferably constructed of aluminum and made of two parts, namely, an elongated cylinder 11 of uniform diameter which is open at one end and closed at its opposite end, which defines a saliva collecting trap 12, and an attaching or coupling device. The coupling is indicated by the reference numeral 13, and comprises a screw threaded member which is threaded into a socket in the bakelite mouthpiece 14, and into the internally threaded open end of the cylinder 11. In addition it includes an extension 15, which extends concentrically into the interior of the saliva trapping chamber 12. The left closed end portion of the cylinder is provided with a smoke intake passage 16 which communicates with an inwardly projecting tubular extension 15*a*. Both of these extensions are in longitudinal spaced relation and concentrically arranged within the interior of the cylinder. The left hand end portion of the cylinder is formed with an external circumferential groove 17 to accommodate a packing (not shown) to seal the joint between the walls of the bore and the cylinder 11. In fact, the coupling 13 is threaded into the socket in the mouthpiece 14, then the cylinder 11 is threaded on to the projecting end portion of this coupling so that the parts assume the assembled relationship seen in Figure 2.

In accordance with the invention, the tobacco is first placed in the upper part 4 of the sectional bowl. Here it is drawn by suction in through the metallic insert 10. Here it is acted upon by the features 15 and 16 as well as the chamber 12. The moisture and saliva accumulate in the chamber, and are prevented from flowing back through the bore in the mouthpiece 14. The result is that the user is assured a pleasant, convenient, sanitary, and cooling as well as a tasty smoke.

It is believed that persons familiar with smoking appliances of this class will be able to obtain a clear understanding of the same after considering the description in conjunction with the drawing. Therefore, a more lengthy description is believed to be unnecessary.

Minor changes in shape, size, and rearrangement of details coming with the field

of invention claimed is resorted to in actual practice if desired.

Having thus described my invention, what I claim as new is:—

An appliance for insertion into th stems of smoking pipes comprising the cylindrical body, the interior of which constitutes a saliva trap, tubes extending inwardly from opposite ends of said body and in spaced relation to the side walls thereof, said tubes terminating in spaced relation with respect to each other, and an external groove provided in said cylindrical body adjacent one end thereof and adapted to receive a packing for sealing the joint between the cylindrical body and the bore in the stem into which the cylindrical body is adapted to be inserted.

In testimony whereof I affix my signature.

ANTHONY J. MAURO.