

A. N. MALCOMB.  
TOBACCO PIPE.  
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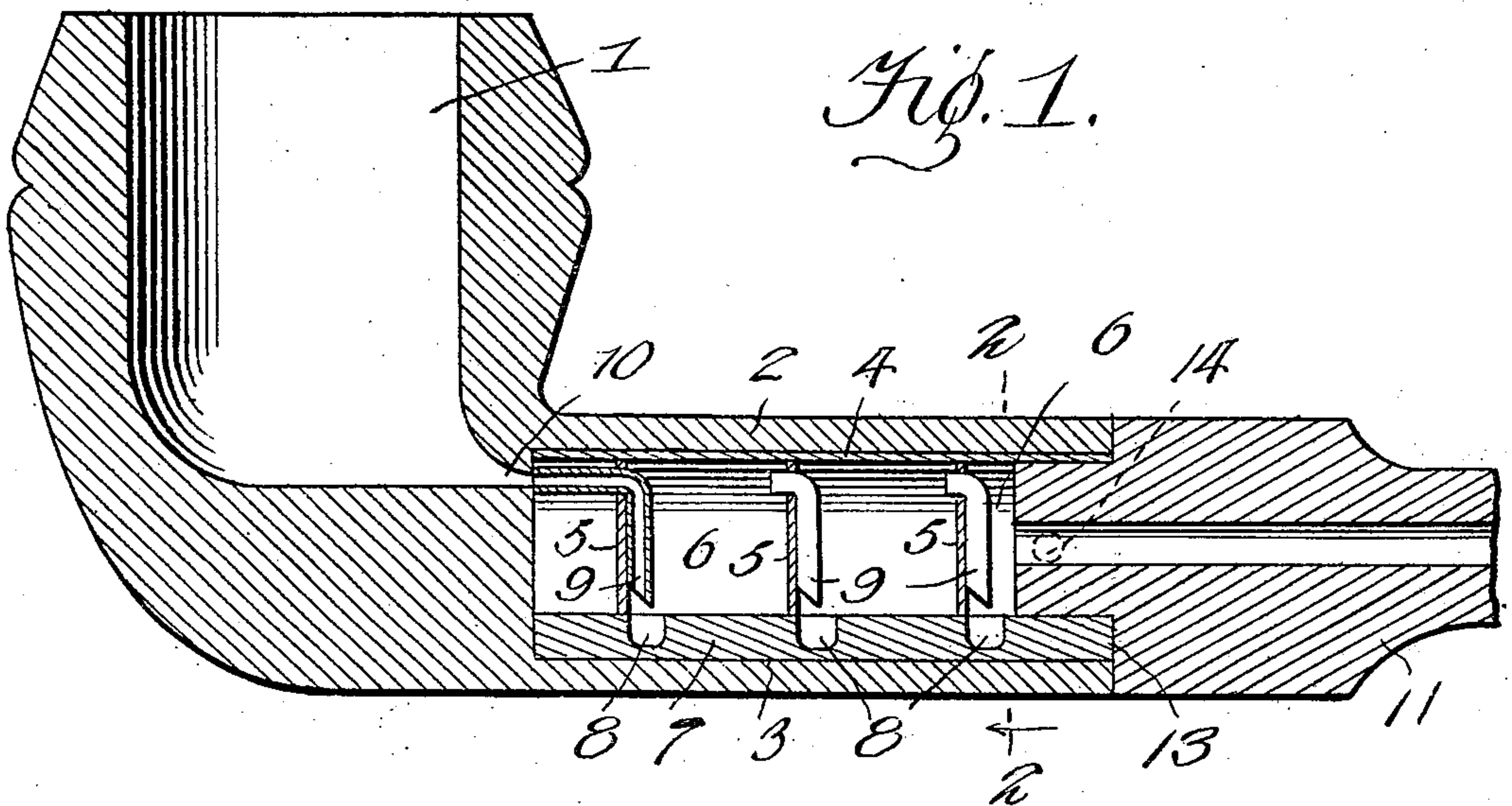
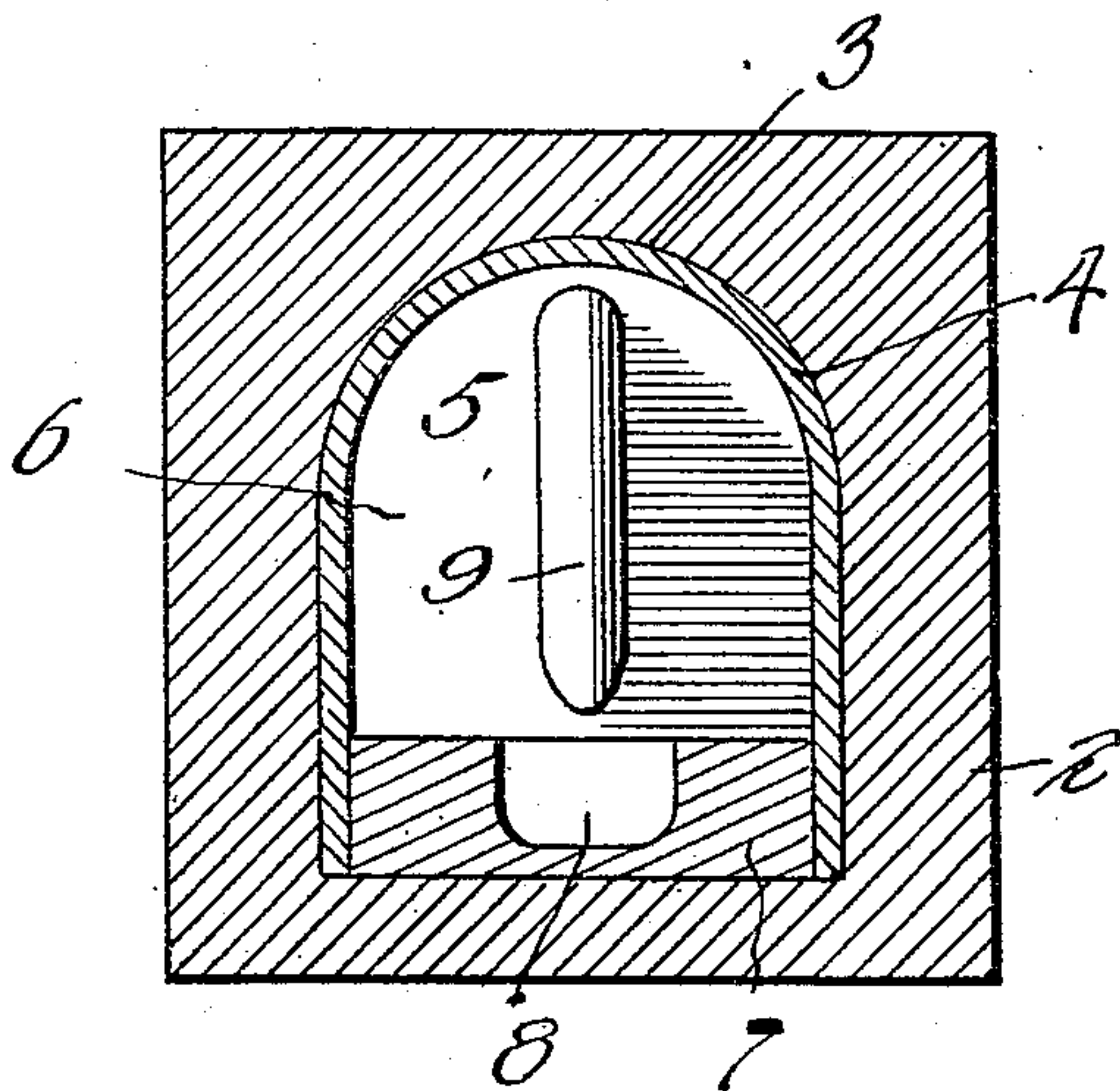


Fig. 2.



Witnesses

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# UNITED STATES PATENT OFFICE.

AUSTIN N. MALCOMB, OF BURBANK, OHIO.

TOBACCO-PIPE.

960,181.

Specification of Letters Patent.

Patented May 31, 1910.

Application filed January 28, 1910. Serial No. 540,616.

*To all whom it may concern:*

Be it known that I, AUSTIN N. MALCOMB, a citizen of the United States, residing at Burbank in the county of Wayne and State of Ohio, have invented new and useful Improvements in Tobacco-Pipes, of which the following is a specification.

This invention relates to tobacco pipes, and has for an object to provide a pipe wherein means are employed for cooling the smoke before its final discharge to the mouth of the user and to provide a collector for receiving the nicotin before the smoke is discharged, the said collector being removable from the pipe stem so that after accumulation therein of a quantity of nicotin it can be removed and boiled if desired or otherwise cleaned.

In the drawing forming a portion of this specification and in which like numerals of reference indicate similar parts in the several views:—Figure 1 is a detail longitudinal section through a portion of my improved pipe. Fig. 2 is a transverse section therethrough taken on the line 2—2 of Fig. 1.

My improved pipe consists of a bowl 1 from which extends a stem 2. This stem is formed with a longitudinally extending bore 3 in which is removably mounted a member 4 which is provided with a plurality of partitions 5. These partitions are so arranged with respect to each other in the member that a plurality of smoke cooling chambers 6 is provided.

A collector 7 is removably mounted in the stem, and it is positioned preferably between the walls of the member 4 and is disposed immediately beneath the partitions 5. This collector is provided with a plurality of cavities 8 which are located immediately beneath the lower ends of conveying tubes 9. These conveying tubes extend upwardly in the chambers 6 of the member 4 and are extended through the partitions. The forward tube is extended longitudinally of the stem and its outer end is arranged directly in line with the discharge passage 10 of the pipe bowl. The remaining tubes have their forward ends extended into the cooling chambers 6, as clearly shown in Fig. 1 of the drawing.

The bit 11 has its reduced end extended into the stem 2 and disposed immediately between the walls of the member 4. The shoulder 13 of the bit extends around the

inner end of the stem in a manner to hold the members 6 and the collector operatively positioned in the stem. The collector is preferably of rectangular form in transverse section and its flat side faces being positioned between the walls of the member 4 serve to hold the collector operatively associated with respect to the member, the construction being such that will effectively prevent any rotation of the collector in the stem.

When the pipe is in use, it will be seen, that the smoke in its passage through the stem will be conveyed to the mouth piece or bit by way of the tubes 9 and thence discharged into the cooling chambers before the smoke is discharged into the bore of the said bit or mouth piece. In this passage of the smoke through the stem the nicotin which may accumulate in the tubes will be discharged finally in the cavities 8 of the collector. The construction of the pipe is such that the smoker enjoys the use of the tobacco without being harmed by injurious effects of the nicotin. The construction is also such that the smoke will be thoroughly cooled before its passage through the mouth piece or bit, whereby the smoke will not bite the tongue.

In order to provide for the free removal of the member 4, I form in one of the walls thereof an opening 14 in which may be inserted any suitable removing tool.

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

1. A tobacco pipe having its stem provided with a plurality of communicating smoke cooling chambers, the said chambers being arranged in communication with the bowl and with the mouth piece, conveying tubes arranged in communication with chambers, and a nicotin collector arranged beneath the chambers and provided with a plurality of cavities which are located immediately beneath the discharge ends of the tubes.

2. A tobacco pipe having its stem provided with a plurality of chambers which are arranged in communication with each other, one of the chambers being in communication with the bowl, another of the chambers arranged in communication with the bit, and a nicotin collector located in the stem and provided with cavities which are disposed at the bottom of the chambers.

3. A tobacco pipe having a plurality of

smoke conveying tubes in its stem, and a collector located in the stem and provided with cavities located immediately beneath the discharge ends of the tubes.

- 5 4. A tobacco pipe having its stem provided with a plurality of chambers, smoke conveying tubes arranged in communication with the chambers, one of said tubes being arranged in communication with the bowl,  
10 another of said tubes being arranged in

communication with the bit, and a nicotine collector beneath the chamber and located beneath the discharge ends of the tubes.

In testimony whereof I affix my signature in presence of two witnesses.

AUSTIN N. MALCOMB.

Witnesses:

PAUL S. HARTEL,  
JOHN DOUBLE.