

No. 722,543.

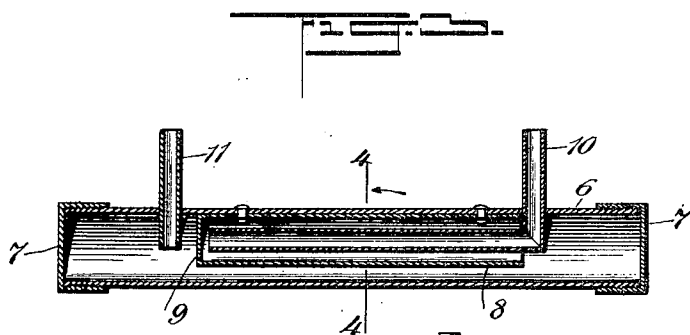
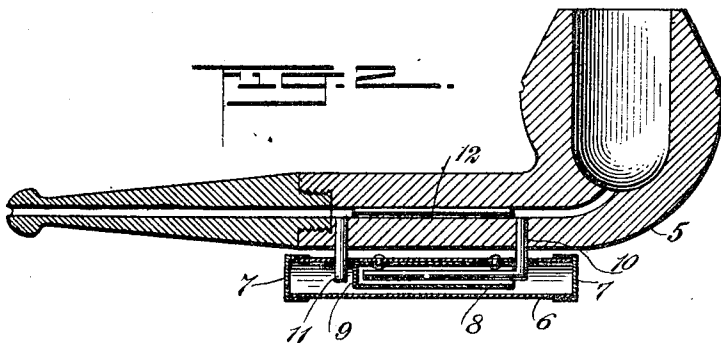
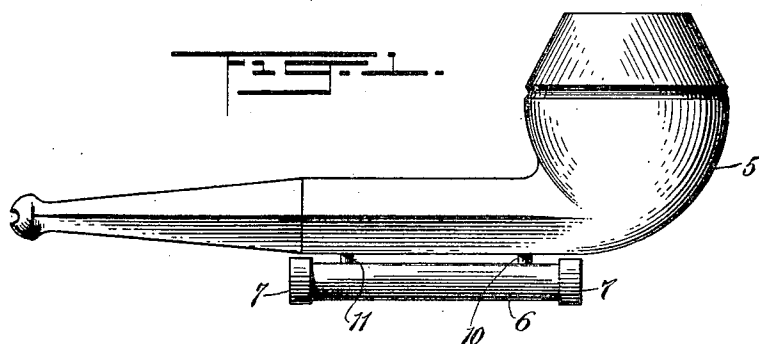
PATENTED MAR. 10, 1903.

A. W. THORNTON.

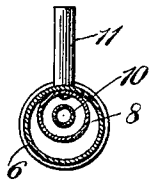
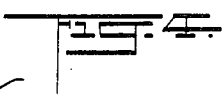
TOBACCO PIPE.

APPLICATION FILED JULY 28, 1902.

NO MODEL.



WITNESSES:
Julius H. Fritz
C. R. Ferguson



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UNITED STATES PATENT OFFICE.

ARTHUR WILLIAM THORNTON, OF MCKEESPORT, PENNSYLVANIA.

TOBACCO-PIPE.

SPECIFICATION forming part of Letters Patent No. 722,543, dated March 10, 1903.

Application filed July 28, 1902. Serial No. 117,316. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR WILLIAM THORNTON, a citizen of the United States, and a resident of McKeesport, in the county of Allegheny and State of Pennsylvania, have invented a new and Improved Tobacco-Pipe, of which the following is a full, clear, and exact description.

This invention relates to improvements in tobacco-pipes, the object being to provide a simple and novel means for condensing or separating the moisture and nicotine from the smoke, thus preventing its entering the smoker's mouth.

I will describe my invention and then point out the novel features in the appended claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a side view of a pipe embodying my invention. Fig. 2 is a longitudinal section thereof. Fig. 3 is a longitudinal section of the condenser employed, and Fig. 4 is a section on the line 4-4 of Fig. 3.

Referring to the drawings, 5 designates a pipe of ordinary construction, and attached to the pipe is a condenser, comprising a small cylinder 6, which may have removable caps 7 at the ends, or one of these caps may be immovably attached to the cylinder while the other is removable.

Arranged in the cylinder 6 is a tube 8, which forms a condensing-chamber. This tube is closed at its end toward the mouthpiece of the pipe, as indicated at 9. The smoke-tube 10 extends through the pipe-stem and communicates with the longitudinal bore of the stem, and this tube 10 projects into the cylinder 6 and is then extended rearward into the condensing-chamber 8. Near the

closed end of the condensing-chamber 8 a tube 11 provides communication between the cylinder 6 and the bore of the pipe-stem. It will be noted that the bore of the pipe-stem is plugged or stopped, as at 12, between the tubes 10 and 11.

I will here state that my invention may be considered as a new article of manufacture, because it can be made and sold to the trade and readily attached to a pipe of ordinary construction.

In operation the smoke passes through the tube 10 and thence back through the condenser 8 and then through the cylinder 6 to the tube 11 and out through the mouthpiece of the pipe. In this circuitous passage the moisture and nicotine will be thoroughly separated from the smoke, and thus a clean and practically cool smoke will pass to the smoker's mouth.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

As a new article of manufacture, a condenser adapted to be attached to a tobacco-pipe, the said condenser comprising a cylinder, a tube secured in the cylinder and closed at one end, a tube leading through the wall of the cylinder and having a portion extended into said first-named tube, and a tube leading from the cylinder near the closed end of said first-named tube and also arranged to lead to the interior of a pipe-stem.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ARTHUR WILLIAM THORNTON.

Witnesses:

J. R. WATSON,
C. A. BURNETTE.