(No Model.)

W. E. ELAM.

TOBACCO PIPE.

No. 562,593. Patented June 23, 1896.

Fig. 1.

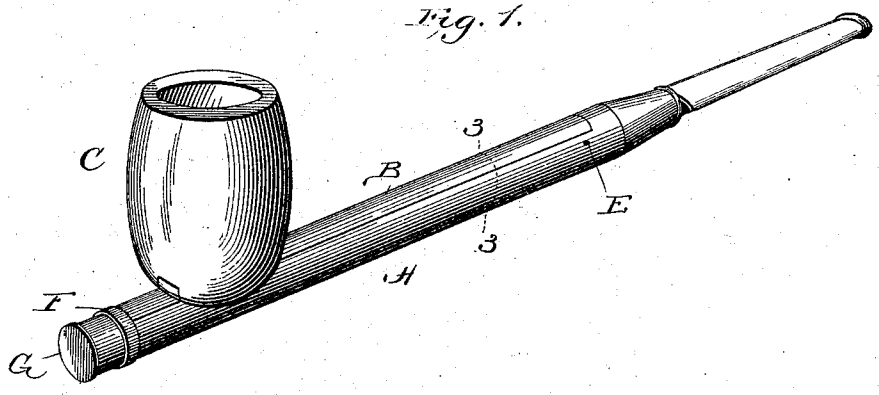


Fig. 2.

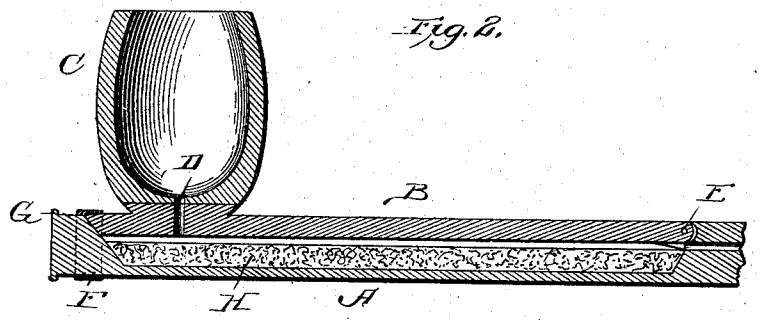
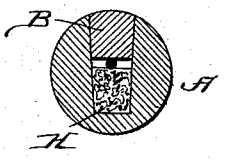


Fig. 3.



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WILLIAM E. ELAM, OF AMERICUS, GEORGIA.

TOBACCO-PIPE.

SPECIFICATION forming part of Letters Patent No. 562,593, dated June 23, 1896.

Application filed August 3, 1895. Serial No. 558,105. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. ELAM, a citizen of the United States, residing at Americus, in the county of Sumter and State of Georgia, have invented certain new and useful Improvements in Tobacco-Pipes, of which the following is a specification.

The invention relates to pipes having a stem longitudinally openable for cleaning and other purposes. On the upper side the stem is grooved inward longitudinally at least to the smoke-duct and the groove is closed by a strip carried by the pipe-bowl. From many constructions in which I have embodied the invention, one has been chosen, for illustration, in which the stem is straight and the bowl is between the ends of the groove-closing strip.

In the drawings, Figure 1 is a perspective view of the complete pipe. Fig. 2 is a section through the axes of both bowl and stem. Fig. 3 is a cross-section of the stem with the strip in groove-closing position.

In the figures, A is a straight stem deeply grooved for nearly its whole length along its upper side.

B is a strip, preferably slightly wedge-shaped, fitting the groove or the outer portion thereof, and C is a pipe-bowl fixed to the strip near its front end. A passage D leads from the interior of the bowl to the duct in the stem or the space below the strip. The latter is hinged to the stem at E and secured in place at the opposite end, when closed, by a ring F, which slides over its slightly-inclined end portion and is prevented from slipping off the stem by a projection at G. In the groove below the strip is shown absorbent material H.

In use the ring is slipped off the end of the strip and the latter with the bowl is swung outward, exposing the duct or space below. The passage into the bowl and the duct in the stem may then be readily cleaned, and fresh absorbent may be conveniently substituted for that which has become saturated by use.

It is obvious that if the strip have not parallel sides, is not wedge-shaped, nor hinged, nor extended in front of the bowl, nor formed as shown at the ends, nor held by a ring or analogous device; that if the groove be less deep; if the absorbent alongside the path of the smoke be otherwise located or even omitted; that whether or not the bowl and strip be integral, and whether the strip be, or be faced with, or seated in, elastic or non-elastic material, the pipe will still be within the scope of my invention, which, broadly considered, does not depend upon any of these details, although most of them are novel and of my invention.

What I claim is—

1. The combination with a pipe-stem grooved inward to the smoke-duct to open the same longitudinally from a point near the mouthpiece to the passage leading from the duct to the interior of the bowl, of a removable groove-closing strip adapted to wedge both longitudinally and laterally in said groove, a bowl thereon and a passage leading from it to the smoke-duct, and means for positively securing said strip to said grooved portion.

2. The combination with a stem having in its upper side a recess extending inwardly to the smoke-duct and following the course of the same longitudinally, of a bowl provided with a strip removably fitting said recess to close the same and provided with a passage leading from the interior of the bowl to said smoke-duct.

3. The combination with a stem having in its upper side a longitudinal groove extending inward to the smoke-duct, of a strip fitting said groove to close the same, a pipe-bowl forming with the strip a movable member provided with a passage extending from the interior of the bowl to the smoke-duct, and a ring sliding upon the stem to secure the strip in place.

4. The combination with a stem grooved inward along its upper side to the smoke-duct, of a pipe-bowl having a passage leading from its interior to the smoke-duct and provided with a strip fitting into the groove to close the same, said strip being hinged to the stem to swing into and out of its groove-closing position.

5. In a pipe, the combination with a lower,

supporting part forming a continuation of the mouthpiece and grooved inward, above, to the smoke-duct, from the passage leading into the bowl-cavity to a point near the opposite end, of a bowl and strip, forming one whole, supported upon said lower part and adapted to fit and close the groove, said whole being hinged to said lower part to swing upward out of the groove.

WILLIAM E. ELAM.

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