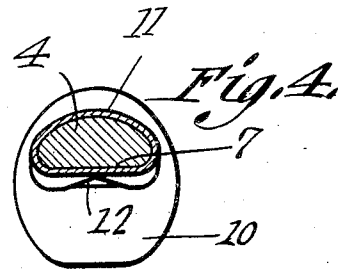
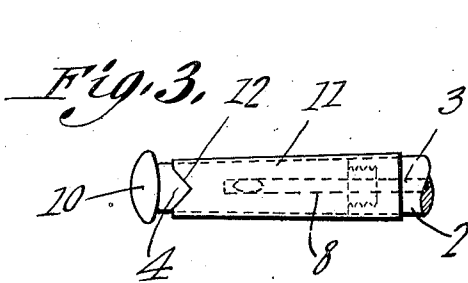
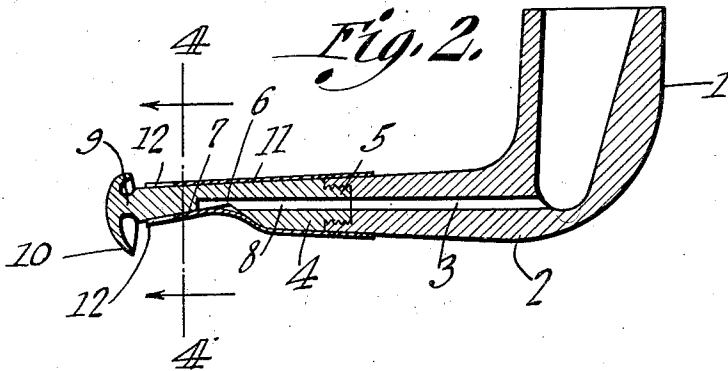
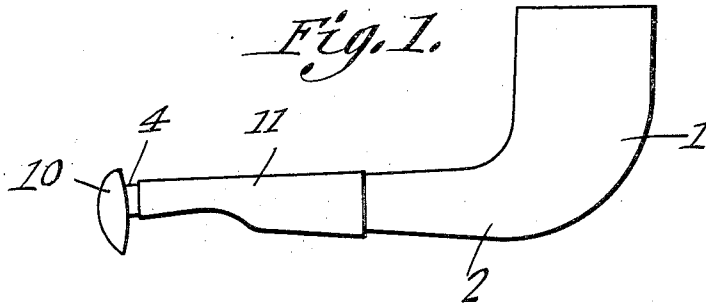


1,429,022.

Patented Sept. 12, 1922.



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Inventor

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Patented Sept. 12, 1922.

1,429,022

UNITED STATES PATENT OFFICE.

WILLIAM R. DALES, OF PHILADELPHIA, PENNSYLVANIA.

TOBACCO PIPE.

Application filed November 15, 1920. Serial No. 424,176.

To all whom it may concern:

Be it known that I, WILLIAM R. DALES, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Tobacco Pipe, of which the following is a specification.

This invention relates to tobacco pipes, one of its objects being to provide a pipe stem of novel construction having means combined therewith whereby saliva is prevented from flowing into the bowl of the pipe so that the pipe will not acquire the disagreeable odor resulting from the flow of saliva to the bowl.

A further object is to provide means of this character which will in no way interfere with the draft through the pipe.

A still further object is to provide means upon the mouth end of the stem for spreading the smoke in all directions within the mouth.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that, within the scope of what is claimed, changes in the precise embodiment of the invention shown can be made without departing from the spirit of the invention.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings—

Figure 1 is a side elevation of a tobacco pipe embodying the present improvements.

Figure 2 is a longitudinal section there-through.

Figure 3 is a bottom plan view of a portion of the stem.

Figure 4 is an enlarged section on line 4—4, Figure 2.

Referring to the figures by characters of reference 1 designates the bowl of the pipe having the usual integral stem 2 provided with a smoke passage 3. The part 4 is adapted to be connected to the stem 2 in the usual manner, as by means of a threaded projection 5 and this part constitutes the mouth piece of the pipe. The bottom portion of the mouth piece is cut away adjacent the rear end so as to form a depression 6 having a flat rearwardly extending wall 7. A passage 8 is formed in the mouth piece and extends from the inner portion of the depres-

sion 6 and through the projection 5 so as to register with the passage 3. A short neck 9 is formed at the back end of the mouth piece and carries a flange 10 forming a smoke spreading shield, the upper portion of this flange slightly overhanging the mouth piece as shown.

Fitted on the stem 2 and the mouth piece 4 is a sleeve 11 formed preferably of soft rubber, this sleeve projecting toward the neck 9 and being provided in its upper and lower portions at the rear end with suitably L-shaped recesses 12. This sleeve, when in position, fits tightly about the stem 2 and the front portion of the mouth piece and also extends completely over or across the recess 6 and bears firmly upon the flat wall 7 of the recess. Consequently when the mouth piece is held in the mouth saliva cannot flow into the passage 8 because the back end of the sleeve 11 will seal the recess 6 and the passage 8. While smoking, the user in drawing upon the pipe will suck the smoke from the rear end of the passage 8 and from the recess 6 and out through the back end of the sleeve 11 which, obviously, will be opened out to allow the smoke to pass into the mouth. As soon as the suction ceases, however, the sleeve will close against the wall 7 of the recess 6 so as to prevent saliva from flowing into the recess and into the passage in the mouth piece. As the smoke is drawn out of the back end of the sleeve 11 it will strike against the flange 10 and be scattered in all directions by the flange, portions of the smoke flowing upwardly around the neck 9 so that the smoke will thus be spread throughout the mouth and prevent irritation of the mouth.

Not only is the sleeve 11 advantageous for the reasons hereinbefore pointed out, but it is also desirable because it prevents the smoke from escaping through the mouth piece after the same has been removed from the mouth.

While the device herein described is primarily designed as a tobacco pipe it is to be understood that the mouth piece constituting the present invention can also be used as a part of a cigar or cigarette holder.

What is claimed is:—

1. In a tobacco pipe the combination with the bowl and stem, of a mouth piece having a transverse recess terminating the smoke passage in the mouth piece, and a soft rubber sleeve fitted snugly upon and extending

longitudinally of the mouth piece and having a portion normally contracted within the recess to close said recess and the inner end of the smoke passage, that portion of the sleeve between the end of the stem and the recess being adapted to expand and continue the smoke passage when the stem is subjected to suction by the user.

2. In a tobacco pipe a mouth piece having a transverse recess intersecting the smoke passage within the stem, said passage terminating at the recess, a soft elastic sleeve fitted snugly upon and extending longitudinally of the mouth piece and extending across and normally closing the recess, the rear portion of the sleeve being adapted to expand when subjected to the action of suction upon the mouth piece by the user, and a smoke spreading flange upon the inner end of the mouth piece and extending radially beyond the inner end of the sleeve, said flange constituting means for intercepting and spreading smoke drawn from the sleeve by suction.

3. The combination with a tobacco pipe, of a mouth piece having a transverse recess therein intersecting a portion of the smoke passage in the mouth piece, said passage terminating at the recess and said recess having a flat wall extending to the inner end of the mouth piece, a soft elastic

sleeve fitted snugly on and extending longitudinally of the mouth piece and normally contracted within the recess to close said recess and to bear upon the flat wall thereof, that portion of the sleeve engaging the flat wall of the recess being formed with a terminal notch or recess.

4. The combination with a tobacco pipe, of a mouth piece having a transverse recess therein intersecting a portion of the smoke passage in the mouth piece, said passage terminating at the recess and said recess having a flat wall extending to the inner end of the mouth piece, a soft elastic sleeve fitted snugly on and extending longitudinally of the mouth piece and normally contracted within the recess to close said recess and to bear upon the flat wall thereof, and a concavo-convex smoke deflecting flange upon the inner end of the mouth piece and extending radially beyond the inner end of the sleeve, the concaved face of the flange being nearest the sleeve.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

WILLIAM R. DALES.

Witnesses:

I. E. SIMPSON,
AGNES ROCKELLI.