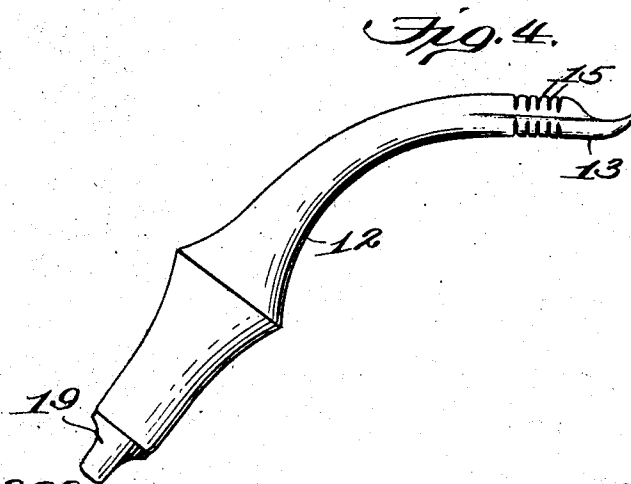
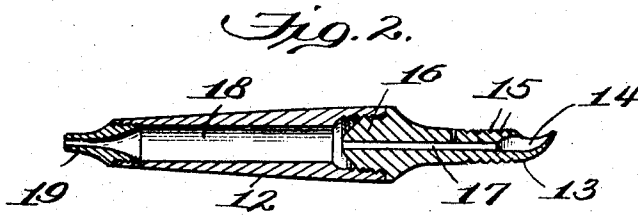
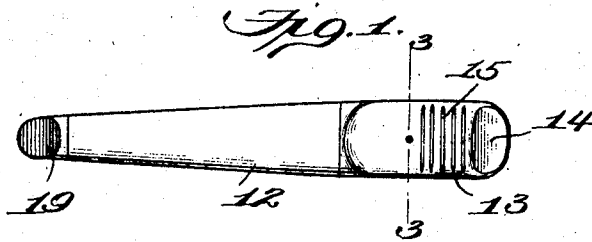


1,027,530.

Patented May 28, 1912.



Witnesses:

L. M. Sweeney  
S. J. Henderson

Inventor:

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# UNITED STATES PATENT OFFICE.

CHARLES ELKIN, OF NEW YORK, N. Y.

## PIPE.

1,027,530.

Specification of Letters Patent.

Patented May 28, 1912.

Application filed April 27, 1911. Serial No. 623,718.

*To all whom it may concern:*

Be it known that I, CHARLES ELKIN, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented or discovered certain new and useful Improvements in Pipes, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to smokers' pipes, and more particularly to the mouth-piece parts of the stems thereof, and has for its object to construct the end of the mouth-piece in such a form as to deflect the smoke upward into the cavity of the mouth, and away from the tongue, and thereby guard the tongue from the acrid effects of strong smoke; as also to provide such a construction as will tend to prevent saliva from entering into the mouth-piece, while affording such construction as will enable the pipe to be conveniently held by the teeth of the smoker. To these ends the mouth-piece end of the pipe stem is preferably made somewhat flattened, so as to be oval in cross section, and the tip portion thereof is formed with a concave cavity with upwardly curving sides and outer end. Forward of said cavity the mouth-piece part of the pipe stem is corrugated, above and below, or provided with a series of grooves which can be engaged by the teeth of the smoker in holding the pipe in the mouth, all as will be hereinafter more fully set forth.

In the accompanying drawings Figure 1 is a plan view of one form of pipe stem embodying the present invention. Fig. 2 is a longitudinal section thereof, and Fig. 3 is a cross section on line 3—3, Fig. 1. Fig. 4 is a side view of a pipe stem, of curved form, embodying some features of the present invention.

Referring to the drawings, 12 denotes a pipe stem, which may be of any desired general shape, and which is formed at its mouth-piece end with a flattened or spatulate portion 13 preferably oval in cross section, the said flattened or spatulate portion having a concave or cup-shaped open-topped recess 14 with upwardly curved edges 15 which will serve to deflect the smoke upward away from the tongue and into the cavity of the mouth of the smoker. Forward of the open-topped concave recess 14 the mouth-piece is corrugated or provided with a series of grooves 15, above and below, for con-

venient engagement with the teeth of the smoker in holding the pipe in the mouth.

The flattened mouth-piece portion 13 of the pipe stem may be formed integral with the stem, as shown in Fig. 4, which illustrates the invention as applied to a curved form of pipe stem, or it may be formed on a detachable plug part 16, as shown in Fig. 2. In such case the plug part 16 will preferably have a tapering inner end and will have a comparatively small duct 17 through it, opening into a somewhat enlarged chamber 18 in the body of the pipe stem, and, for convenience in cleaning, the body portion of the stem 12 may be provided at its smaller end with a removable plug 19. The duct 17 opens at one end into the bottom of the concave recess 14, and forms a communication between the said recess and the chamber 18 of the tubular stem 12. With this detachable-plug mouth-piece construction it will be apparent that any saliva which may pass through the duct 17 will be trapped in the chamber 18, below the tapering inner end of the plug 19, and thereby be prevented from escaping outward through the mouth-piece.

This improved construction of pipe stem affords protection for the tongue of the smoker, and also affords a convenient means whereby the pipe stem may be conveniently gripped by the teeth of the smoker, as will be clearly apparent; and in the preferred form of the invention, with the detachable mouth-piece plug part 16, any saliva entering the mouth-piece and passing inward will be prevented from returning.

Having thus described my invention I claim and desire to secure by Letters Patent:

1. The herein described improvement in pipe stems, comprising a flattened spatulate mouth-piece part, oval in cross section and provided at its end with a broad, open-topped concave recess having upwardly curved edges, the said mouth piece having a central duct extending inward from the bottom of said recess.

2. The herein described improvement in pipe stems, comprising a flattened spatulate mouth-piece part, oval in cross section and provided at its end with a broad, open-topped concave recess having upwardly curved edges, said mouth-piece part being formed on a plug portion detachably secured to the body of the pipe stem and having a central duct extending inward from the bottom of said recess, and the said plug

portion being provided with a tapering inner end fitting an enlarged chamber with which the tubular body of the pipe stem is provided.

- 5 3. The herein described improvement in pipe stems, comprising a flattened spatulate mouth-piece part, oval in cross section and provided at its end with a broad, open-  
10 topped, concave recess having upwardly curved edges, said mouth-piece part having a central duct extending inward from the

bottom of said recess, and the exterior of said mouth piece being grooved or corrugated, both above and below, forward of said concave recess, to afford a proper hold for 15 the teeth of the smoker.

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

CHARLES ELKIN.

Witnesses:

O. GOODLOVE,  
J. C. CONNER.