

B. F. VAN CLEVE.

MOUTH-PIECE FOR SMOKING-PIPES.

No. 183,784.

Patented Oct. 31, 1876.

Fig. 1.



Fig. 2.



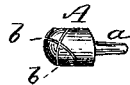
Fig. 4.



Fig. 3.



Fig. 5.



WITNESSES

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UNITED STATES PATENT OFFICE.

BENJAMIN F. VAN CLEVE, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN MOUTH-PIECES FOR SMOKING-PIPES.

Specification forming part of Letters Patent No. 183,784, dated October 31, 1876; application filed July 20, 1876.

To all whom it may concern:

Be it known that I, BENJAMIN FRANKLIN VAN CLEVE, of Newark, in the county of Essex and State of New Jersey, have invented a new and valuable Improvement in Pipe-Stems and Cigar-Holders; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of my invention, showing it applied to a pipe-stem or cigar-holder. Figs. 2, 3, 4, and 5 are modifications of my invention.

This invention consists in forming the ends of pipe-stems or cigar-holders, or buttons to be secured to the same, with a cross-slit running through the main hole, whereby the spittle is prevented from getting into the stem, and at the same time spreads the smoke as it passes out into the mouth.

In the accompanying drawings, A represents a button of any suitable material, formed with a shank, *a*, by which it may be connected to a pipe-stem or cigar-holder, B. The button is provided with a central hole, which registers with the hole in the pipe-stem. Running across the end of the button, and sufficiently deep to extend upon either side of the same, is a slit, *b*, which runs through and across the main hole, so that when the end of the stem is at an angle upward when held in the mouth, the spittle will run down past the hole and empty at the sides of the slit. The slit also, as it intersects the hole, spreads the

smoke as it passes out into the mouth, thereby cooling it, and also preventing the smoke from being directed in a single jet upon the roof or tongue of the mouth, and avoiding the unpleasant burning sensation usually experienced.

I do not wish to be understood as limiting myself to the precise form or angle of slit, as it may be a single cross-cut arranged at an angle, as illustrated in Figs. 2 and 3, or a double cross-cut, as shown in Figs. 4 and 5. In the latter case the smoke, as it comes from the pipe or cigar, strikes the angle formed by the two cuts, spreads the smoke, and throws it slightly upward, and the saliva which may get in the slit, as before explained, empties out at the sides, instead of running into the hole, and thence into the pipe-stem or cigar-holder.

In place of the button, the slits may be made with the pipe-stem or cigar holder; but it is not considered as preferable, owing to the difficulty of their being cleaned.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A pipe-stem or cigar-holder, or buttons for the same, having a slit, *b*, therein, to allow the saliva to empty out laterally, substantially as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

BENJAMIN FRANKLIN VAN CLEVE.

Witnesses:

GEO. CROFT,
G. F. SIMPSON, M. D.