

R. S. MANNING.
SMOKING-PIPES.

No. 175,474.

Patented March 28, 1976.

FIG. 1.

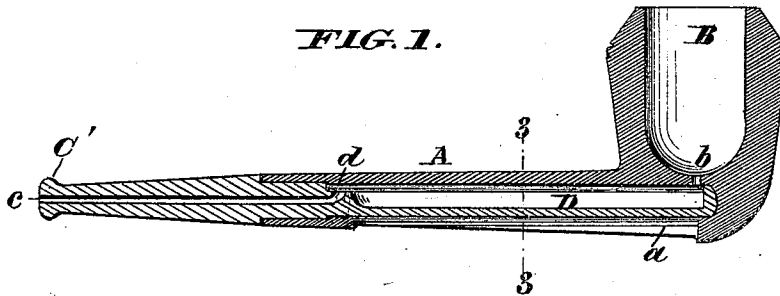


FIG. 2.

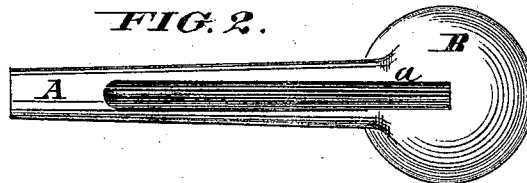


FIG. 3.

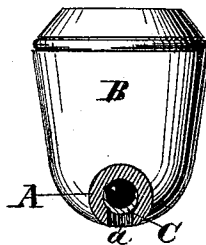
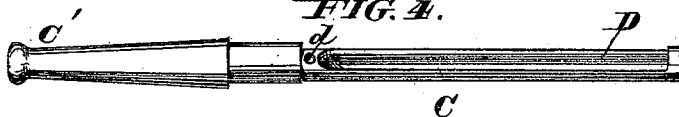


FIG. 4.



WITNESSES

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ROBERT S. MANNING, OF TRENTON, NEW JERSEY.

IMPROVEMENT IN SMOKING-PIPES.

Specification forming part of Letters Patent No. **175,474**, dated March 28, 1876; application filed February 15, 1876.

To all whom it may concern :

Be it known that I, ROBERT S. MANNING, of Trenton, in the county of Mercer and State of New Jersey, have invented a certain new and useful Improvement in Smoking-Pipes, of which the following is a specification:

My invention consists in constructing a smoking-pipe with a double stem, the inner member, on which the mouth-piece is formed, extending within the main stem of the pipe as far as the bowl and being channeled so as to receive and collect oil and other liquid matter which, when the inner stem is turned within its socket, may be removed from the groove through a slot in the under part of the main stem of the pipe.

In the accompanying drawing, Figure 1 is a longitudinal section of a pipe illustrating the invention. Fig. 2 is an under-side view with the mouth-piece and inner stem removed. Fig. 3 is a transverse section on the line 3 3, Fig. 1. Fig. 4 is a view of the inner stem and mouth-piece detached.

A represents the main stem of the pipe, and B the bowl. The latter may be of common form, and communicates with the stem through a small aperture, *b*. In the under side of the stem A is formed a longitudinal slot, *a*, extending from a point under the aperture *b* nearly to the extremity of the stem.

C represents an inner stem, on which the mouth-piece *C'* is formed, or to which a separate mouth-piece of any preferred shape or material may be applied. The smoking-aperture *c* is made in customary manner within the mouth-piece, and is turned upward, as shown at *d*, within the main stem A, so as to communicate with the interior of the said stem. The inner stem C is constructed with a groove, D, extending from a point in front of the inner orifice *d* of the mouth-piece to a point beneath the orifice *b* of the bowl. The said groove constitutes a pocket for containing oil and liquid matter which is collected from the smoke.

Operation: While the parts are in the position shown in Figs. 1 and 3, an air-tight duct is afforded for the smoke from the bowl B, through the orifice *b*, groove D, and stem A and orifice *d*, to the discharge-orifice *c* of the mouth-piece, the groove D constituting an enlarged chamber, through which the smoke passes, causing deposit of oil and other liquid matter from the smoke in a manner which is common with many improved forms of smoking-pipes. As often as may be desirable, this liquid matter may be removed with the greatest readiness by simply turning the inner stem C within its socket in the main pipe-stem A so as to expose the groove D through the slot *a* of the pipe-stem. As a modification of my invention, the pipe may be made with the inner part of the inner stem of semi-cylindrical form, so that the slot *a* may be closed or opened as required by a simple inversion of the inner stem without employing a groove or pocket therein, or an inner stem or a simple slide of any shape may be employed which will close the slot *a* when in position and will open it when drawn out; but I prefer to construct the pipe with a pocket or oil-receptacle, D, in substantially the manner herein described and represented.

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

1. The pipe constructed with a longitudinal slot, *a*, in the stem and with a plug, C, inserted within the stem to close the said slot, substantially as shown.

2. The plug or inner stem C, constructed with a groove, D, in combination with the pipe A B, constructed with a longitudinal slot, *a*, in its stem, substantially as and for the purposes set forth.

ROBT. S. MANNING.

Witnesses:

OCTAVIUS KNIGHT,
LE BLOND BURDETT.