

No. 859,360.

PATENTED JULY 9, 1907.

D. W. ALLMAN.  
PIPE.  
APPLICATION FILED MAR. 12, 1907.

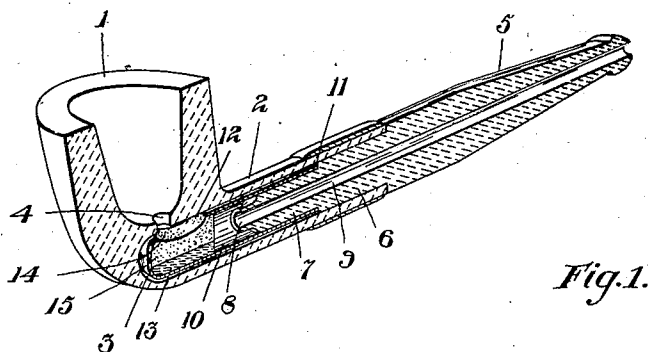


Fig. 1.

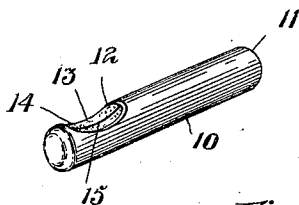


Fig. 2.

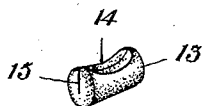


Fig. 3.

Witnesses.

H. Dennison

E. Well

Inventor.

David W. Allman

by C. J. Fetherstonhaugh  
Att'y.

# UNITED STATES PATENT OFFICE.

DAVID WILLIAM ALLMAN, OF MANCHESTER, ENGLAND.

## PIPE.

No. 859,360.

Specification of Letters Patent.

Patented July 9, 1907.

Application filed March 12, 1907. Serial No. 361,997.

*To all whom it may concern:*

Be it known that I, DAVID WILLIAM ALLMAN, a subject of the King of Great Britain, a resident of Fallowfield, in the city of Manchester, county of Lancaster, in England, have invented certain new and useful Improvements in Pipes, of which the following is a specification.

My invention relates to improvements in tobacco pipes, and the object of the invention is to devise a pipe which shall eliminate the disagreeable feature incident to the passage of the nicotin collected under the bowl to the mouth of the smoker, and whereby the said nicotin is readily removed from parts where it is deposited, and it consists essentially of the insertion of a plug in a removable chamber extending under the bowl of the pipe, the construction and arrangement of the parts being described in detail in the present specification and shown in the accompanying drawings that form part of the same.

In the drawings, Figure 1 is a sectional perspective view of the pipe showing the arrangement of the chamber and plug beneath the bowl. Fig. 2 is a detail of the casing containing the nicotin chamber. Fig. 3 is a detail of the plug.

Like numerals of reference indicate corresponding parts in each figure.

Referring to the drawings, 1 is the bowl of the pipe having the fixed stem 2 extending therefrom at the lower end thereof, the hollow 3 in the said fixed stem 2 extending forwardly under the opening 4 from the bowl.

5 is a removable mouth piece or stem having the reduced portion 6 fitting snugly within the hollow 3 in the stem 2, the shoulder formed by said reduced portion abutting the end of the said stem. The portion 6 is reduced at 7 and has a further reduced portion 8 at the end thereof. 9 is the usual central orifice extending the full length of the said mouth piece.

10 is a casing having the open end 11 inserted over the reduced portion 7 of the stem 5 and fitting snugly thereon, the said casing 10 containing the nicotin chamber and having an opening 12 through the top thereof in proximity to its closed end. The said opening 12 is located immediately under the bowl, when the stem portion 7 and casing 10 are inserted in the fixed stem 2.

13 is a plug fitting within the casing 10 and recessed at 14 to correspond with the shape of the opening 12, the said plug completely filling in the closed end of the said casing and having only the narrow slit 15

down the center thereof. The plug 13 is formed of cork or any like material which is not too impervious to the absorption of the nicotin.

In the use of the pipe, the tobacco is placed in the bowl 1 as usual and the smoke drawn through the opening 4 in the bowl and through the slit 15 in the plug 13 into the nicotin chamber in the casing 10 from whence it passes through the orifice 9 in the mouth piece.

During the operation of smoking, nicotin forms, and as there is only a narrow slit in the plug 13 the nicotin will collect in the recess 14 on the top of the said plug. The smoker may at any time remove the stem 5 by simply pulling it from the stem 2 and shake the collection of nicotin from the said recess 14, or if a considerable amount has collected and partly solidified, it may be easily and quickly wiped off.

When the pipe has been some time in use the nicotin may have filtered through the slit in the plug 13 and collected in the nicotin chamber and if it has become a little foul, from too great a collection of nicotin, the stem 5 may be pulled out and the casing 10 removed from the said stem. The plug 13 may then be forced from the closed end of the casing 10 to the open end by inserting a suitable instrument through the opening 12 and pushing the said plug forwardly and in its passage completely sweeping out all the nicotin collected on the inner wall of the said casing. The casing 10 may then be further cleansed and the plug wiped off and replaced and the said casing then replaced on the stem, and the said stem inserted in the stem 2 of the pipe.

It will be seen from the foregoing description that a pipe constructed as described may be easily and quickly cleansed and that it is practically impossible for the nicotin to be drawn through the mouth piece to the mouth of the smoker.

What I claim as my invention is:—

1. A pipe, comprising a bowl, a stem having the hollow thereof extending evenly and terminating under the opening to said bowl, a mouth piece having a stem portion, said stem portion having a reduced end, a hollow casing closed at one end and inserted over said reduced end and having an opening in the wall thereof adjacent to its closed end adapted to be slid immediately under the opening at the bottom of said bowl, and a plug completely filling in said casing at the closed end and having a recess therein corresponding to the shape of the opening in the wall of the said casing and a narrow slit longitudinally arranged and forming a smoke opening to the chamber formed by said casing, substantially as described.

2. A pipe, comprising a bowl and a fixed stem extend-

- ing therefrom, a mouth piece having a stem extending therefrom, a casing having an open end and mounted on said mouth piece stem and also having a longitudinal grooved opening in the upper side thereof at the closed end, 5 and a cork plug filling in the closed end of said casing and having a recess corresponding in shape to said grooved opening in the casing and a longitudinal slit in the bed of said recess forming a smoke opening into the chamber formed by said casing, substantially as described.
- 10 3. In a pipe, in combination, a shell stem, a filtering chamber having an opening at one end thereof inserted

in said stem, and a plug of absorbent material filling up said chamber beneath said opening and having a smoke slit in the top thereof leading to the rear of said chamber, substantially as described. 15

Signed at the city of Manchester, in the county of Lancaster, in England, this 12 day of February 1907.

DAVID WILLIAM ALLMAN.

Witnesses:

FREDERICK JAMES WALSH,  
MALCOLM SMETHURST.