

A. DUNHILL AND T. G. MANDEVILLE.
 TOBACCO PIPE, CIGAR HOLDER, AND THE LIKE.
 APPLICATION FILED OCT. 14, 1918.

1,343,253.

Patented June 15, 1920.

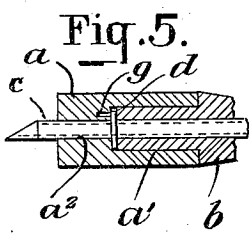
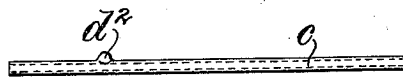
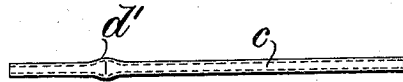
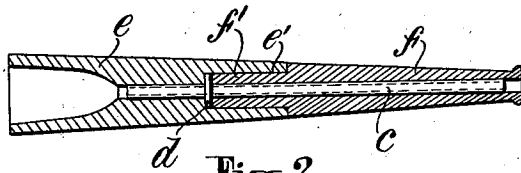
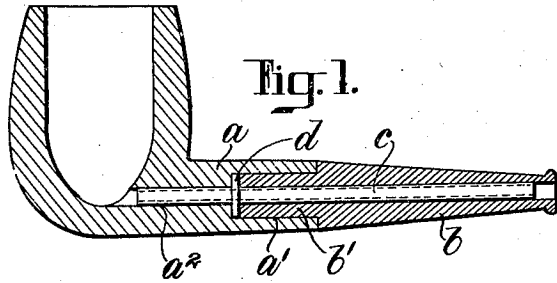


Fig. 4.

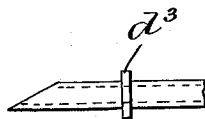


Fig. 6.

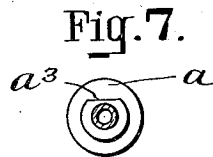


Fig. 7.

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UNITED STATES PATENT OFFICE.

ALFRED DUNHILL, OF LONDON, AND THOMAS GEORGE MANDEVILLE, OF ARNOLD,
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TOBACCO-PIPE, CIGAR-HOLDER, AND THE LIKE.

1,343,253.

Specification of Letters Patent. Patented June 15, 1920.

Application filed October 14, 1918. Serial No. 258,053½.

To all whom it may concern:

Be it known that we, ALFRED DUNHILL and THOMAS GEORGE MANDEVILLE, subjects of the King of Great Britain and Ireland, respectively residing at 30 Duke street, St. James, London, S. W. 1, in the county of London, England, and Brookfield, Arnold, in the county of Nottingham, England, have invented certain new and useful Improvements in Tobacco-Pipes, Cigar-Holders, and the like, of which the following is a specification.

This invention relates to tobacco pipes, cigar holders and cigarette holders and refers to that type of such devices in which a loose tube is provided adapted to be inserted into the bore of the pipe or the like, and to form a conduit along which the smoke will pass, the said tube being easily removable for cleaning purposes.

Various arrangements have already been proposed for holding the loose tube in position.

It has for instance been proposed to make this loose tube from a piece of two diameters, the portion of larger diameter resting in a recess in the stem of the pipe and the portion of smaller diameter in a recess in the mouth piece, or again it has been proposed to provide an inner tube of uniform external diameter resting at one end against a ledge in the mouth piece and at the other end passing into the bowl or resting against a ledge or taper in the neighborhood of the bowl.

Our present invention relates to an improved and simplified construction in which the removable tube, which is of uniform external diameter is provided with a narrow projecting part, such for instance as a disk, bead, stamped or pressed protuberance or the like thereon, adapted to be held in a recess formed between the stem of the pipe and the mouth piece, or between the holder and the mouthpiece, when the latter is fixed in position, so that the tube cannot move in either direction.

In the preferred construction we provide a recess or counter-sunk hollow in one of the parts, that is in the pipe or holder or in the mouth piece into which fits a projection on the other part, so that when the tube is in position with the disk or its equivalent in the recess and the mouth piece is attached, the disk or its equivalent is gripped between the parts and will not move in either direction, the end of the tube reaching to or into the

bowl of the pipe, as may be desired, or to a suitable distance with respect to one end of the holder, and the other end extending to the neighborhood of the end of the mouth piece.

At the same time in order to remove the tube for cleaning or other purposes, it is simply necessary to remove the mouth piece when the tube can be immediately disengaged.

And in order that our said invention may be clearly understood we will now proceed to describe the same with reference to the accompanying drawing, in which:—

Figure 1 shows a longitudinal section of a tobacco pipe with our invention applied thereto.

Fig. 2 shows a longitudinal section of a cigar holder or cigarette holder with our invention applied thereto.

Figs. 3 and 4 show elevation of a modified form of the inner tube.

Fig. 5 is a fragmentary view of the stem and mouthpiece showing the disk provided with means for registering the position of the tube in the bore.

Fig. 6 is a similar view of a tube having a special shaped flange or plate.

Fig. 7 is a sectional view showing the stem of a pipe with the tube shown in Fig. 6 in position.

Referring to Fig. 1 the stem portion *a* of the tobacco pipe is provided with a recess or hollow *a*¹ from which opens the bore *a*² of the pipe. The mouthpiece portion *b* is provided with a part *b*¹ adapted to fit into the recess *a*¹.

c is a tube of aluminium or other suitable metal or material formed or provided with a disk *d*. This disk is adapted to pass into the recess *a*¹ and rest at the end thereof and the parts are so proportioned that when the mouth piece *b* is placed in position it comes down upon the disk *d* and holds the tube firmly in position, the tube being of such length that it extends almost to the bowl of the pipe.

In Fig. 2 where the device is shown fitted to a cigar or cigarette holder, the holder portion *e* is provided with a recess *e*¹, and the mouth piece *f* with the extension *f*¹ for holding the disk *d* and consequently the tube *c* in the correct position.

In some cases an additional disk or washer of cork or other material may be added, es-

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pecially in the case of a pipe if found desirable.

It will be understood that the countersunk recess or hollow may be provided either in the holder or stem of the pipe as shown, or in the mouth piece.

In place of providing a flange d I may provide other equivalent means on the tube c for preventing the said tube moving in either direction. In Fig. 3 the tube is shown provided with a stamped enlargement d^1 adapted to rest in the recess between the stem and the mouth piece portion while in Fig. 4 the tube is shown provided with a projection or bead d^2 for the same purpose.

In some cases where it is desired to prolong the tube c into the bowl of the pipe and furnish it with an opening at one side extending into the bowl it is desirable to provide means for registering the position of the tube c in the bore.

To effect this various expedients may be adopted.

For instance we may form the recess a^1 or e^1 in the stem portion with a flat surface a^3 (Fig. 7) and form the flange or plate d with a flattened surface a^3 the projecting part b^1 or f^1 being similarly shaped so that the parts can only be put together with the tube in one particular position.

We may also provide the flange d with a pin g projecting from one side adapted to engage a hole in the bottom of the recess a^1 of the stem when the stem and mouthpiece are secured together.

In some cases the disk may be provided with a roughened surface, for holding it in position, which is particularly desirable where a disk of cork, or other washer is pressed against the disk, in order to make the fitting perfectly tight.

What we claim and desire to secure by Letters Patent of the United States of America is:—

1. In a tobacco pipe, cigar holder or cigarette holder, a stem portion, a recess in the end of said stem, a mouthpiece having a reduced portion at one end adapted to fit into the recess in the stem portion, a tube extending through the bore in said mouthpiece and stem portion, and a projection formed on said tube intermediate its ends adapted to be engaged between the bottom of the recess in the stem portion and the reduced end of the mouthpiece.

2. In a tobacco pipe, cigar holder or cigarette holder, a stem portion, a recess in the end of said stem, a mouthpiece having a reduced portion at one end adapted to fit into the recess in the stem portion, a tube extend-

ing through the bore in said mouthpiece, and stem portion, a projection formed on said tube intermediate its ends adapted to be engaged between the bottom of the recess in the stem portion and the reduced end of the mouth piece and a pin extending from said projection, adapted to engage a corresponding hole in the bottom of the recess in the stem portion.

3. In a tobacco pipe, cigar holder or cigarette holder, a stem portion, a recess in the end of said stem, a mouth piece having a reduced portion at one end adapted to fit into the recess in the stem portion, a tube extending through the bore in said mouth piece and stem portion, a projection formed on said tube intermediate its ends and adapted to be engaged between the bottom of the recess in the stem portion and the reduced end of the mouthpiece, the recess in the stem, the reduced end of the mouthpiece, and the projection on the tube being formed with a flat surface on one side thereof, adapted to register with one another.

4. In a tobacco pipe, cigar holder or cigarette holder, a stem portion, a recess in the end of said stem, a mouthpiece having a reduced portion at one end adapted to fit into the recess in the stem portion, a tube extending through said mouth piece and stem portion, an annular stamped up enlargement formed on said tube intermediate its ends adapted to be engaged between the bottom of the recess in the stem portion and the reduced end of the mouthpiece.

5. A device of the character described comprising a stem portion, the bore of said stem having an enlargement, a mouth piece fitting within said enlargement and terminating short of the inner end of said enlarged bore to form a recess, a loose tube fitting within the bore, such tube being of uniform external diameter and provided with a narrow disk like projection thereon, adapted to be held in the recess between the holder and the mouth piece when the latter is fixed in position so that the tube cannot move in either direction.

In witness whereof we have affixed our signatures in the presence of two witnesses this 14th day of Sept., 1918.

ALFRED DUNHILL.

THOMAS GEORGE MANDEVILLE.

Witnesses to the said Alfred Dunhill:

A. E. VIDAL,

N. E. S. CREW.

Witnesses to the said Thomas George Mandeville:

C. M. HITCH,

THOS. H. COOK.