

PATENT SPECIFICATION



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PROVISIONAL SPECIFICATION.

Improvements in and relating to Mouthpieces for Tobacco Pipes and Cigar and Cigarette Holders.

We, ALFRED DUNHILL LIMITED, a British Company, of 137—143, High Street, Notting Hill Gate, London, W.11, and VERNON DUNHILL, a British Subject, of the same address, do hereby declare the nature of this invention to be as follows:—

This invention relates to mouthpieces for tobacco pipes and cigar and cigarette holders.

The object of the invention is to produce an improved separable mouthpiece of the type wherein the mouthpiece is attached to the pipe or holder by a spigot and socket connection usually referred to as a "push in" fitting.

According to the invention the mouthpiece is fitted with a spigot, preferably of metal, which is split longitudinally to render it resilient and the free ends of the split portions are formed with external projections. In the holder or pipe stem a socket is provided formed with a recess or the equivalent so that when the spigot is pressed into the socket the aforesaid projections will snap into the recess or the like and will be retained by the edge thereof to hold the spigot and socket firmly together. The parts can be separated by a pull.

Preferably the recess in the holder or pipe stem is metal lined so that the spigot and socket make a metallic contact particularly at the points of contact between the projections and the edge of the recess.

The metal lined recess may be formed

by inserting a metal ring into the stem or holder, suitably shaped and pressed into the sides of the holder into a recess if desired so that sufficient of its upper edge projects into the bore of the holder to form an abutment to retain the projections on the spigot. The spigot may be tapered and the aforesaid projections curved or shaped to assist in the sliding action over the metal edge of the recess.

Preferably the spigot is slit in such a way that the projecting portion consists of two prongs with a space of substantial width between them. This greatly facilitates cleaning. However the spigot may be slit to form more than two prongs if desired. With the above described constructions it is unnecessary to make any portion of the spigot a tight fit with the bore of the stem or holder, since the snap action holds the spigot firmly in the socket with the mouthpiece pressed against the stem or holder. Thus the binding of the spigot on the stem or holder which frequently occurs in known arrangements is obviated.

Silver, aluminium, or any other suitable metal may be used for the spigot, or even wood or other material provided it is sufficiently resilient as will be readily understood.

Dated this 7th day of April, 1931.
ABEL & IMRAY,
30, Southampton Buildings, London,
W.C.2,

Agents for the Applicants.

COMPLETE SPECIFICATION.

Improvements in and relating to Mouthpieces for Tobacco Pipes and Cigar and Cigarette Holders.

We, ALFRED DUNHILL LIMITED, a British Company, of 137—143, High Street, Notting Hill Gate, London, W.11, and VERNON DUNHILL, a British Subject, of the same address, do hereby declare the nature of this invention and in what manner the same is to be performed, to [Price 1/-]

be particularly described and ascertained in and by the following statement:—

This invention relates to mouthpieces for tobacco pipes and cigar and cigarette holders.

The object of the invention is to produce an improved separable mouthpiece

of the type wherein the mouthpiece is attached to the pipe or holder by a spigot and socket connection usually referred to as a "push in" fitting.

5 It has previously been proposed to provide a spigot, split longitudinally to render it resilient wherein the accidental separation of the spigot from its socket is prevented by the sections of the spigot pressing against the parallel inner walls
10 of the socket.

The mouthpiece is fitted with a spigot, preferably of metal, which is split longitudinally to render it resilient and according
15 to the present invention the free ends of the split portions of the spigot are formed with external projections or otherwise suitably shaped, so that when the spigot is pressed into the stem the free
20 ends thereof will engage an abutment in the bore of the holder or pipe stem and hold the parts together. The parts can be subsequently separated by a pull.

25 Preferably the abutment is formed by means of a recess in the holder or pipe stem which may be metal lined so that the spigot and the edge of the recess make a metallic contact.

To enable the invention to be fully understood it will now be described by
30 reference to the accompanying drawings in which:—

Fig. 1 is a part sectional elevation of a tobacco pipe having one form of the invention applied thereto, and
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Fig. 2 is a similar view shewing a further form of the invention.

40 Fig. 3 is a part sectional elevation shewing the invention applied to a cigar or cigarette holder.

Fig. 4 is a view of one form of the improved spigot combined with a liner tube.

45 As shewn in Fig. 1 the mouthpiece 4 of the pipe 5 is fitted with a metal spigot 6 which is split longitudinally to render it resilient and the free ends of the prongs so formed are provided with external projections 7. The pipe stem 8 is
50 formed with a socket or recess 9 and as shewn this socket is so shaped that when the mouthpiece is pressed home the projections 7 snap into the socket and are retained by the annular shoulder 10.
55 The mouthpiece is thus held firmly in place and the parts can be separated by a pull. The socket may be metal lined in any suitable manner or the shoulder portion 10 faced with metal.

60 Fig. 2 shews a modification wherein the recess or socket of Fig. 1 is replaced by a metal ring 11 which is forced into the pipe stem, or fitted into a slight recess therein, so that the edge 12 projects into
65 the bore of the stem and forms an annular

shoulder over which the projections 7 of the spigot can snap.

Fig. 3 shews the arrangement of Fig. 2 applied to a cigar or cigarette holder 13. Obviously the arrangement of Fig. 1 could also be applied to a cigar or cigarette holder. 70

The spigot is preferably tapered and the projections thereon curved or shaped to assist in the sliding action over the annular shoulder. 75

Preferably the spigot is slit in such a way that the projecting portion consists of two prongs with a space of substantial width between them. This greatly facilitates cleaning. However the spigot may be slit to form more than two prongs if desired. With the above described constructions it is unnecessary to make any portion of the spigot a tight fit with the bore of the stem or holder, since the snap action holds the spigot firmly in the socket with the mouthpiece pressed against the stem or holder. Thus the binding of the spigot on the stem or holder which frequently occurs in known arrangements is obviated. The abutment in the pipe stem or bore may be in the form of an annular groove. 80

Fig. 4 shews the combination of the split spigot with a liner tube of known construction. In this case the liner tube 14 may be formed in one piece with the spigot 15, slits being provided at 16 and projections at 17. Constructions are possible in which the spigot and liner tube are made as separate portions and fitted together so that the tube can be detached for cleaning or renewal. Preferably the slits extend into the liner tube, but this is not essential as will be understood. 85

Silver, aluminium, or any other suitable metal may be used for the spigot, or even wood or other material provided it is sufficiently resilient. 90

Further the abutment formed in the bore of the stem may be covered with material other than metal and the metal ring shewn in Figs. 2 and 3 may be replaced by a ring of other suitable material. 115

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:— 120

1. In a tobacco pipe, cigar or cigarette holder having a separable mouthpiece, the provision of a spigot split longitudinally to render it resilient, the free ends of the split portions being suitably shaped, in combination with an abutment formed in the bore of the stem of the pipe or the like the arrangement being such 125
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that when the spigot is pressed into the stem the free ends of the spigot will engage the aforesaid abutment and hold the parts together.

5 2. In a tobacco pipe, cigar or cigarette holder according to claim 1, an arrangement wherein the abutment is formed by providing a recess in the bore forming an annular shoulder over which the free ends
10 of the spigot pass, the latter being shaped or formed with external projections which snap over the abutment.

15 3. In a tobacco pipe, cigar or cigarette holder according to claim 2 an arrangement wherein the recess or the annular shoulder is faced with metal.

20 4. In a tobacco pipe, cigar or cigarette holder according to claim 1 or 2 an arrangement wherein the abutment is formed by pressing or fitting a metal or other suitable ring into the sides of the bore in the stem so that an edge projects into the bore substantially as described.

5. In a tobacco pipe, cigar or cigarette holder according to claim 1 the combination with the split spigot of a liner tube formed integrally with the spigot or separable therefrom. 25

6. For use with a tobacco pipe, cigar or cigarette holder a split spigot combined with a liner tube constructed substantially as hereinbefore described with reference to Fig. 4 of the accompanying drawings. 30

7. Tobacco pipes, cigar or cigarette holders having separable mouthpieces fitted with spigots, constructed, arranged and operating substantially as hereinbefore described with reference to the accompanying drawing. 35

Dated this 5th day of May, 1931.

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[This Drawing is a reproduction of the Original on a reduced scale.]

FIG. 1.

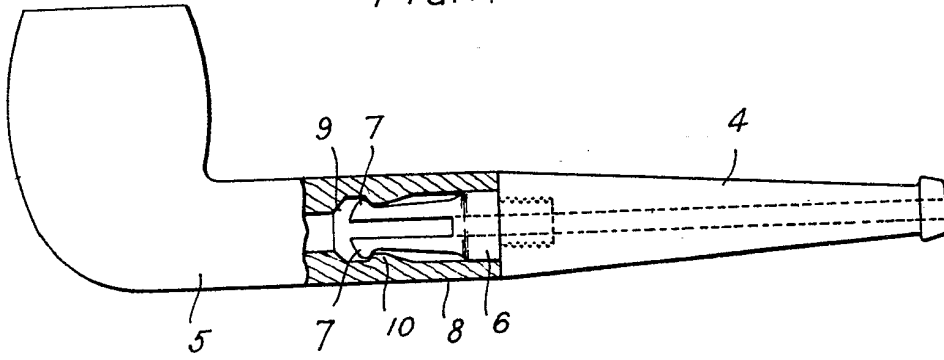


FIG. 2.

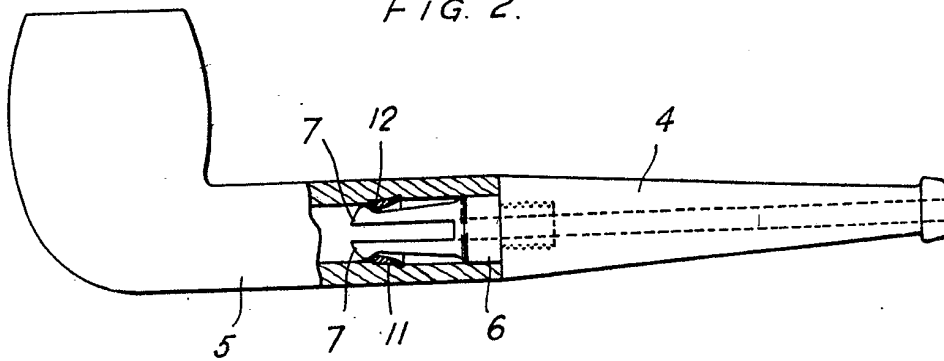


FIG. 3.

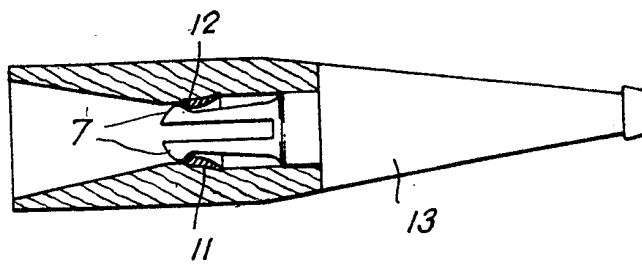


FIG. 4.

