

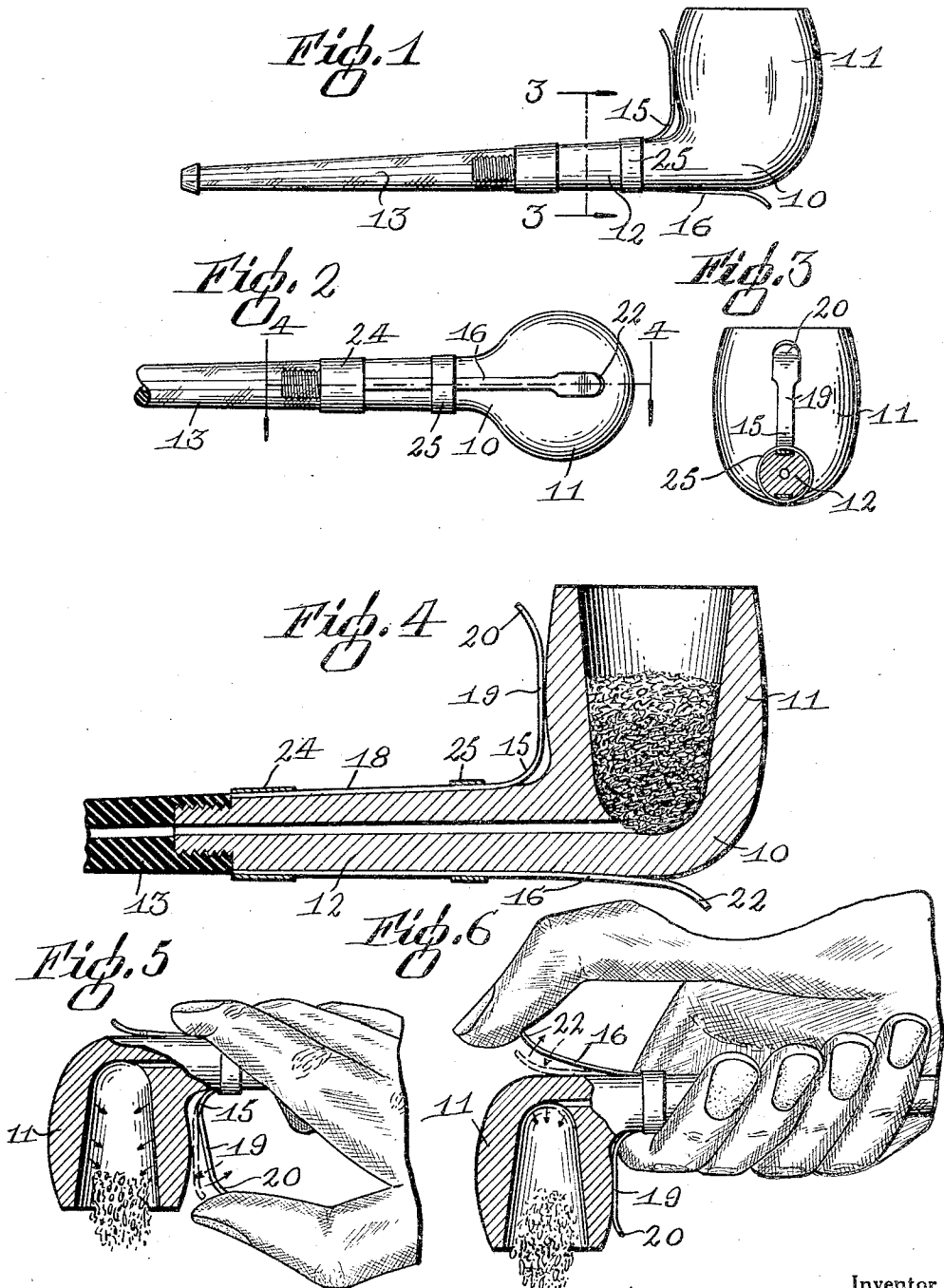
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COMBINATION PIPE AND TAPPING MEANS

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COMBINATION PIPE AND TAPPING MEANS

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The present invention relates to attachments for smoking pipes and has for its primary object the provision of an attachment for smoking pipes adapted to enable the tapping or striking of the pipe bowl to loosen particles of tobacco, ash or the like adhering to the interior thereof.

A further object of the invention is the provision of a smoking pipe attachment designed to enable tapping of the bowl without causing injury thereto.

Another object of the invention is the provision of a bowl tapping attachment for smoking pipes which will in no manner affect the normal use of the pipe.

Still another object of the invention is the provision of a smoking pipe attachment which can be readily associated with a smoking pipe and which will be relatively inexpensive.

Other objects and advantages of the invention will become apparent as the description progresses.

In the accompanying drawing forming a part of this specification and in which like reference characters are employed to designate corresponding parts throughout the same:

Figure 1 is a side elevational view of a smoking pipe showing the improved attachment associated therewith,

Figure 2 is a bottom plan view of the same,

Figure 3 is a transverse sectional view taken on the line 3—3 of Figure 1,

Figure 4 is an enlarged longitudinal section taken on the line 4—4 of Figure 2,

Figure 5 is a fragmentary sectional view illustrating the use of one of the attachment members, and

Figure 6 is a similar view illustrating the operation of another of the attachment members.

Referring to the drawing, wherein for the purpose of illustration is shown a preferred embodiment of the invention, the numeral 10 generally designates a conventional form of smoking pipe embodying a bowl 11 of popular shape having extended from the bottom thereof a stem 12. Attached to the outer end of the stem 12 is a mouthpiece 13.

The essential feature of the invention resides in the attachment to the pipe 10 of one or more bowl tapping devices, in the present instance of a pair of such members generally indicated at 15 and 16. The tapping members 15 and 16 are preferably formed of elongated strips of spring metal.

The member 15 embodies a straight portion 18 extending longitudinally in a groove in the top of the pipe stem 12, and a right angular portion 19 normally disposed in a longitudinally extending position in contact with the front of the bowl 11. At the outer end, the strip 15 is preferably enlarged and formed with a lip 20 curving arcuately away from the bowl.

The complementary tapping member 16 embodies a substantially straight strip having the forward portion disposed in a longitudinally extending groove in the bottom of the stem 12, while the rear portion extends along and contacts with the bottom of the bowl 11. At its outer extremity, the member 16 is also formed with an arcuate outwardly bent lip 22.

Those portions of the tapping members 15 and 16 which extend in the grooves of the pipe stem are tightly secured thereon by means of a relatively wide ring or ferrule 24 encircling the stem and the strips at the outer end portions thereof. These portions of the tapping strips are also connected with the stem by means of an intermediate ferrule 25 encircling the stem and metallic strips, between the outer end of the stem and the pipe bowl.

When emptying the bowl of the pipe of its contents, any particles of tobacco or ash clinging to the interior thereof may be dislodged by engaging the lip 20 of the tapping member 15 and bending the portion 19 thereof away from the bowl. When the lip 20 is released the extension 19 will be resiliently returned to its normal position in contact with the bowl in such manner as to cause the same to sharply tap or strike the forward side thereof. This operation may be repeated as often as necessary to loosen the particles adhering to the interior of the bowl.

Particles clinging to the bottom of the bowl may be separated therefrom and removed by disposing the bowl in an inverted position and lifting the rear portion of the tapping strip 16 by engagement of the lip 22 with the finger. When the lip is released, the tapping member will suddenly contact with the bottom of the bowl with a sharp tapping or striking action for dislodging the particles in the bowl.

It is to be understood that the form of my invention herein shown and described is to be taken as a preferred example of the same, and that various changes as to the shape, size, and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claims.

Having thus described my invention, I claim:

1. The combination with a smoking pipe including a bowl and a stem extending from the bowl, of a resilient strip fastened to the stem and having a portion resiliently pressing against the bowl whereby manual outward swinging movement and release of the bowl contacting portion will cause the same to sharply tap the bowl.

2. The combination with a smoking pipe, of an elongated strip of resilient material having a portion thereof extending along the pipe stem and firmly secured thereto, and an extension of the resilient member lying against and resiliently pressed in contact with the exterior of the bowl for tapping the bowl for loosening of matter clinging to the interior thereof.

3. The combination with a smoking pipe including a bowl and a stem extending from the bowl, of an elongated strip of resilient material having a portion extending along the stem and secured thereto, an extension portion of the said member extending in resilient contact with the front of the bowl and disposed to be swung away from the bowl for tapping the same, a complementary strip having a portion extending along the stem and attached thereto, and an extension portion of the last mentioned member resiliently pressed against the bottom of the bowl for tapping the same.

In witness whereof I have hereunto set my hand.

ELISÉE BOUCHARD.