

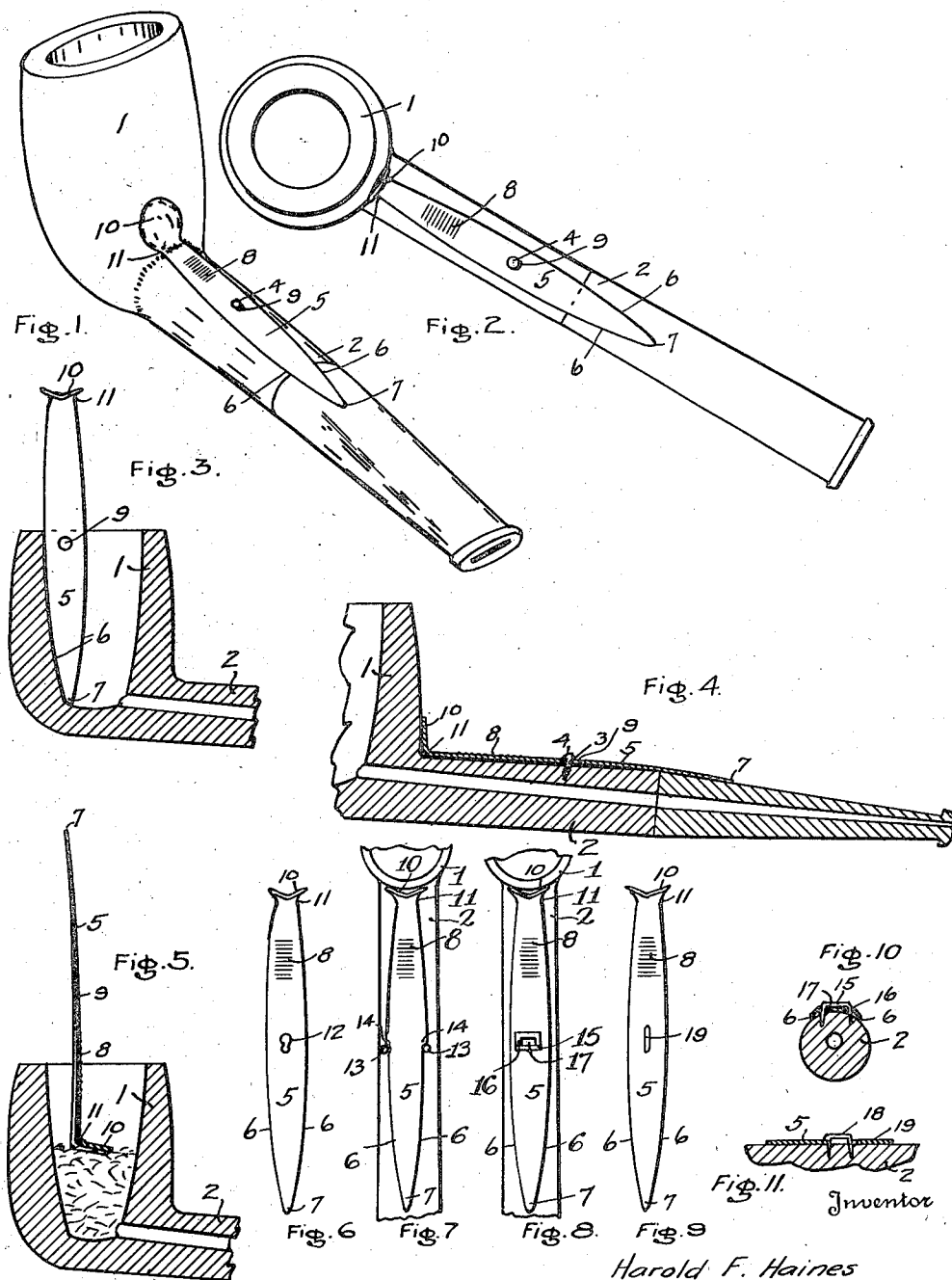
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ATTACHMENT FOR SMOKING PIPES

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ATTACHMENT FOR SMOKING PIPES

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6 Claims. (Cl. 131—12)

This invention relates to devices removably attached to smoking pipes and has for its objects, first, to provide an improved means of removably securing the device to the smoking pipe; second, to provide such a securing means as will not have any pin or projection on the said device; third, to form the edges of said device to conform to the shape of the inner surface of the pipe bowl, said edges being sharpened, whereby the said bowl may be scraped for cleaning; fourth, to form the end of said device of such shape as to make it convenient for picking or loosening the tobacco in the pipe bowl; fifth, to form the integral opposite end of such shape as to adapt it to tamp the tobacco in the pipe when preparing the pipe for smoking; sixth, to form the said tamping head in such manner as to act as a spring in conjunction with the securing means, whereby the device is held from accidental removal; seventh, to provide a roughened surface adapted for use for striking a match; and eighth, to provide such a device as will improve the appearance of the pipe, is cheap to make, and is effective in use.

I attain these and other objects by the devices and arrangements illustrated in the accompanying drawing, in which—

Fig. 1 is a perspective view of a smoking pipe with my attachment mounted thereon; Fig. 2 is a plan view thereof; Fig. 3 is a section of the bowl of the smoking pipe showing my improved attachment being used to scrape the sides of the bowl; Fig. 4 is a longitudinal section of the smoking pipe and stem, showing my improved attachment mounted thereon; Fig. 5 is a section, similar to Fig. 3, showing the attachment being used to tamp the tobacco in the bowl; Figs. 6 to 9, inclusive, are plan views of various forms of my improved attachment, showing variations in the method of securing it to the smoking pipe stem; Fig. 10 is a cross-section of the pipe stem and the attachment shown in Fig. 8; and Fig. 11 is a longitudinal section of the pipe stem and the attachment shown in Fig. 9.

Similar numerals of reference refer to similar parts throughout the several views.

Referring to the drawing it will be seen that the smoking pipe is provided with the usual bowl 1 and stem 2. The stem 2 is provided with a slightly projecting pin 3 under whose head 4 the improved attachment is snapped to hold the said attachment in place on the stem.

The attachment comprises a substantially flat but slightly arched and concavo-convex shank 5, whose shape in plan outline is substantially as shown in the several figures of the drawing. This

shape is such that both the edges 6 conform substantially with the shape of the inner surface of the bowl 1, as shown in Fig. 3. These edges 6 may be slightly sharpened to facilitate the scraping action in cleaning the pipe bowl. The end 5 of the said attachment shank 5, where the two sides 6 meet, forms a blunt point 7 adapted to be used for picking the tobacco in the pipe to loosen it. The upper part of the shank 5 is provided with a roughened surface 8 adapted to be used for striking matches. A hole 9 is made in the shank 5 to permit the head 4 of the pin 3 to pass there-through. The longitudinal shape of the shank 5 is slightly arched as shown in Fig. 5. The head 10 of the device is bent at about a right-angle at the neck 11, and is also concavo-convex in section to grip the bowl 1 and to yieldingly press thereagainst to hold the device under the head 4 of the pin 3.

The above described means for holding the shank 5 on the stem 2 of the pipe, comprising the pin 3, head 4, hole 9 and the springy reaction of the head 10, is the preferred form but I have illustrated in Figs. 6 to 11 variations therefrom. In Fig. 6 the hole 12 is double, the head 4 of the pin being passed through the larger part and then the shank 5 shifted to bring the pin 3 into the smaller part, the head 4 engaging the shank over the edges of the hole. In Fig. 7 two pins 13 are provided with heads and are spaced apart to receive the shank 5 between them. The shank 5 may have shoulders 14 to prevent it from being slid too far under the heads of the pins 13. The shank 5 being longitudinally arcuate, presses upward on the heads of the pins 13 thus holding the shank from slipping. In Figs. 8 and 10, the pin of the other forms is now a staple 15 and the hole is a U-shaped slot 16, the tongue 17 of said slot is passed under the loop of the staple 15. The springiness of the shank 5 provides sufficient friction to hold it in place under the staple. In Figs. 9 and 11, the staple 18 is turned to a longitudinal position and the hole becomes a longitudinal slot 19.

It is evident that many other variations may be made in the form of my invention without departing from the spirit thereof as outlined in the appended claims.

Having described my invention, what I claim and desire to secure by Letters Patent is:—

1. A device adapted to be removably secured to a smoking pipe having a headed pin extending from the stem thereof, comprising a shank having edges conforming to the shape of the inside of the smoking pipe bowl and terminating

at one end in a picking point and at the other end in a tamping head, integral with said shank and bent therefrom at substantially right-angles; said shank being arcuate in longitudinal form and being adapted to be sprung under the head of the pin.

2. A device as set forth in claim 1, wherein said shank is provided with an opening through which the pin on the pipe stem passes, whereby the device is removably secured to the pipe stem.

3. A device as set forth in claim 1, wherein said tamping head is springy and is adapted to engage the outside of the pipe bowl to cooperate with the pin to hold the shank under the head of the pin.

4. A device adapted to be removably secured to a smoking pipe having a double-pointed pin extending across and above the upper surface of the pipe stem, said device having a tamping head and a longitudinally arcuate resilient shank,

adapted to lie on said stem, a portion of said shank being adapted to pass between the points of said pin and to be engaged by said pin by the resilience of the shank.

5. A device adapted to be removably secured to a smoking pipe having two transversely-spaced headed pins extending above the upper surface of the pipe stem, said device having a tamping head and a longitudinally arcuate resilient shank adapted to lie on said stem, said shank being adapted to pass between said pins and to be engaged by the under side of the heads of said pins by the resilience of said shank.

6. A device as set forth in claim 5, in which said shank is provided with shoulders extending laterally therefrom and adapted to engage said pins to prevent the shank from sliding too far therebetween.

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