This invention relates to a combination attachment adapted to be mounted in the bowl of a smoking pipe for supporting the tobacco above and out of engagement with the heel of the pipe bowl while the pipe is being smoked, and which may be utilized for removing tobacco ashes and reaming the pipe bowl after the pipe has been smoked.

Another object of the invention is to provide an attachment for supplying air to the pipe bowl below the tobacco to minimize condensation in the heel of the pipe bowl and pipe stem to provide a cooler smoking pipe.

A further object of the invention is to provide a pipe attachment adapted to support a cleaning element below the tobacco for absorbing moisture from the tobacco which would otherwise accumulate in the heel of the bowl.

Still a further object of the invention is to provide an attachment which may be utilized as a rack for supporting the pipe in an inverted position when not in use.

Various other objects and advantages of the invention will hereinafter become more fully apparent from the following description of the drawing, illustrating a presently preferred embodiment thereof, and wherein:

Figure 1 is an elevational view of the attachment shown applied to a smoking pipe which is illustrated partly in elevation and partly in section;

Figure 2 is a top plan view showing the attachment in an applied position;

Figure 3 is an enlarged fragmentary vertical sectional view, taken substantially along a plane as indicated by the line 3—3 of Figure 2;

Figure 4 is a horizontal sectional view of the lower portion of the attachment, taken substantially along a plane as indicated by the line 4—4 of Figure 3;

Figure 5 is a fragmentary elevational view showing the attachment in an applied position utilized as a pipe supporting rack, and

Figure 6 is a fragmentary vertical sectional view of a part of the attachment and illustrating an additional function of one of the parts.

 Referring more specifically to the drawing, the combination smoking pipe attachment in its entirety is designated generally 8 and includes a rigid tube, designated generally 9, having a zigzag end portion 10 all parts of which are disposed coplanar, and a straight portion 11 forming a substantially right angular extension of one end of the tube portion 10. The extension 11 is substantially straight and has an angular extension 12 projecting from the end thereof disposed remote from the portion 10. The portion 12 constitutes the other end of the tube 9 and has its terminal closed and flattened to provide a base portion 13 which is disposed in a plane substantially parallel to the plane of the portion 10. The base portion 13 has a threaded opening 14 extending therethrough. A resilient gripping member 15 is secured to the tube portion 11, beneath and adjacent the base portion 13, and includes two arcuate bowed spring fingers 16 which are spring biased outwardly for gripping engagement in the upper portion of a smoking pipe bowl 17 for holding the attachment 8 applied to a smoking pipe.
and may be resorted to, without departing from the function or scope of the invention as hereinafter defined by the appended claims.

I claim as my invention:

1. A smoking pipe attachment comprising a tube having a substantially straight portion adapted to extend downwardly into a pipe bowl and terminating in an in-turned closed and flattened end adapted to be disposed crosswise of the lower portion of the pipe bowl, a pair of pipe bowl reamers and tobacco supporting elements supported on said flattened tube end, means adjustably securing said elements to said flattened tube end with portions of said elements in engagement with the pipe bowl wall, and a spring clip secured to said straight tube portion above and spaced from said elements and having spring fingers biased into engagement with the bowl wall for maintaining said straight tube portion in substantially an upright position relative to the pipe bowl.

2. A smoking pipe attachment as in claim 1, said tube having an opposite end portion disposed externally of the pipe including a part adapted to rest upon the rim of the pipe bowl, said end portion having an open terminal end, and said tube having a vent opening located adjacent said flattened end and below said elements through which air is drawn from the tube into the lower portion of the pipe bowl when the pipe is smoked.

3. A smoking pipe attachment as in claim 2, said last mentioned end portion of the tube comprising a substantially flat zigzag base extending toward the mouthpiece of the pipe from the pipe bowl and adapted to rest on a supporting surface for supporting the pipe in an inverted position.

4. A smoking pipe attachment as in claim 1, said elements being segment shaped and having toothed arcuate edges adapted to contact the pipe bowl wall.

5. A smoking pipe attachment as in claim 4, said elements having overlapping inner end portions provided with elongated slots, said means for adjustably securing said elements to the flattened end comprising a screw extending loosely through said slots and threadedly through said flattened tube end.

6. A smoking pipe attachment as in claim 5, said screw having a bore extending transversely therethrough and disposed below said flattened tube end, and a pipe cleaner strand having a portion extending through said bore and supported by the screw beneath said elements.

7. A smoking pipe attachment as in claim 1, said tube including an opposite end portion disposed externally of the pipe bowl and including a part adapted to bear on the pipe bowl rim, and a flexible element for tethering the attachment to the pipe having a looped end adapted to engage around the pipe stem and an opposite end connected to said last mentioned end portion of the tube.

References Cited in the file of this patent

UNITED STATES PATENTS

647,122 Voit et al. Apr. 10, 1900
1,462,425 Shaw July 17, 1923

FOREIGN PATENTS

420,136 France Sept. 29, 1909