March 13, 1928. 1,662,762

O. E. TATE, SR

SMOKING DEVICE

Filed Feb. 18. 1927

Fig. 1.

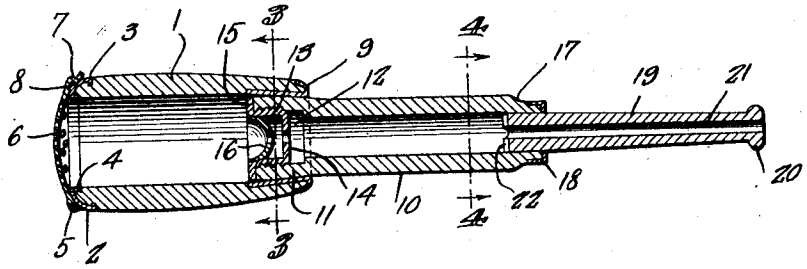


Fig. 2.

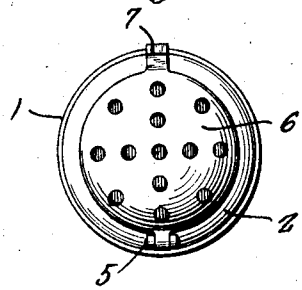


Fig. 3.

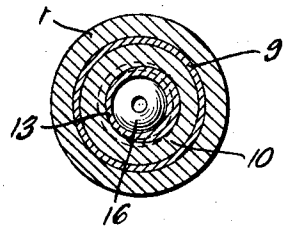


Fig. 4.

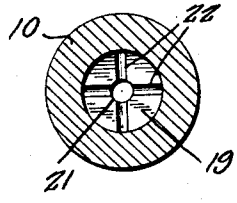


Fig. 5.

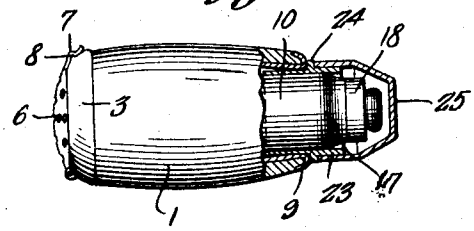
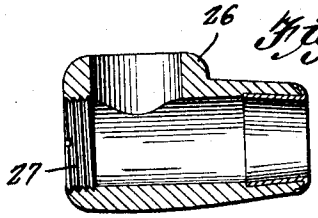


Fig. 6.



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UNITED STATES PATENT OFFICE.

ORA E. TATE, SR., OF ELBERTON, GEORGIA.

SMOKING DEVICE.

Application filed February 18, 1927. Serial No. 169,289.

This invention relates to improvements in tobacco smoking devices, and its general object is to provide a device for smoking tobacco in granulated or other forms, cigars and cigarettes, that is capable of being collapsed in a telescope manner so as to take up minimum space, with the result it can be easily carried by the user thereof.

Another object of the invention is to provide a smoking device which includes telescopically mounted parts so associated that they can be easily and expeditiously arranged to their respective positions with very little effort on the part of the user.

A further object of the invention is to provide a smoking device including telescopically mounted parts that also includes means to prevent the arrangement of said parts to operative position except when desired and said means retain the device in a clean and sanitary condition.

A still further object of the invention is to provide a smoker's device that prevents liquid from interfering with the free passage of smoke to the user, with the result the smoke will pass to the user in a clean and dry condition.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claims.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a sectional view taken longitudinally through the device with the parts thereof in extended position.

Figure 2 is a front view thereof.

Figure 3 is a sectional view taken on line 3—3 of Figure 1.

Figure 4 is a sectional view taken on line 4—4 of Figure 1.

Figure 5 is a side elevation with parts broken away and illustrating the application of the cap member to the device when the parts thereof are disposed to inoperative position.

Figure 6 is a view of a slightly modified form of bowl.

Referring to the drawings in detail and particularly to Figures 1 to 5 inclusive the reference numeral 1 indicates a bowl which is adapted for receiving tobacco in granulated or other forms as will be readily apparent, as well as cigars and the like. This bowl 1 is formed from wood or other suitable material and has fixed to its front end, a metallic band 2 which is provided with an inwardly bent inner edge 3 embedded within a recess formed in the bowl as shown as to prevent displacement of the band. The band is further provided with an annular flange 4 which is disposed within the bowl and hingedly secured through the medium of a pivot pin 5 is an apertured closure 6 having formed opposite its pivot point a resilient latch arm 7 adapted to be accommodated in a keeper 8 formed on the band, as best shown in Figure 1. The opposite end of the bowl 1 has countersunk therein a metallic reinforcing member 9.

Mounted for slidable movement within the bowl 1 is a stem 10 which is provided with a slightly outwardly tapered end 11 adapted to be frictionally received in the reinforcing member 9 when the device is disposed to its operative or extended position as shown in Figure 1. The stem 10 is hollow and the tapered portion 11 is provided with a recess 12 which is threaded for a portion of its length to receive a threaded sleeve 13 having a closed inner end 14 formed with an aperture, and provided on the opposite end of said sleeve 13 is a flange 15 engaging the end of the stem 10 as shown. Frictionally received within the sleeve 13 is a cup 16 which is provided with an aperture registering with the aperture of the closed end 14. The outer end of the stem 10 is reduced as at 17 and terminates in a straight portion which is reinforced by a substantially right angle shaped band 18.

Telescopically mounted within the stem 10 is a mouth piece 19 having the usual gripping end 20 and smoke passage 21. The opposite end of the mouth piece 19 is of a size to frictionally engage the stem 10 at its outer end as shown in Figure 1, but of course the mouth piece is otherwise slidably mounted within the stem as set forth. This last mentioned end of the mouth piece 19 is provided with grooves 22 arranged in opposite relation with respect to each other and extend outwardly from the smoke passage as best shown in Figure 4 of the drawings.

I have also provided a cap member which

not only acts to retain the parts in closed position as shown in Figure 5, but also keeps the mouth piece as well as its associated parts in a clean and sanitary condition, and this cap member includes a tubular shell 23 adapted to be passed between the stem 10 and the bowl when the parts are disposed to closed position as shown in Figure 5, and an annular ring 24 is formed with said shell to limit the inward movement thereof. This ring 24 is arranged intermediate the ends of the shell and also provides a stop for a thimble 25 which entirely surrounds the parts as shown.

In Figure 6 I have illustrated a slightly modified form of bowl and in this form it will be noted that the tobacco can be introduced at right angles to the bowl proper and in order to accomplish this I have provided the bowl with an upstanding portion 26 which of course is also adapted to accommodate tobacco. The front end of the bowl is threaded to accommodate a threaded plug 27 which can be removed as will be apparent when it is desired to clean the bowl as shown in this form.

From the above description and disclosure of the drawings it will be obvious that I have provided a tobacco smoking device that not only will accommodate tobacco in its various forms but is capable of being folded to compact form as shown in Figure 5 so that it may be easily and conveniently carried by the user, and when extended as shown in Figure 1 the parts are frictionally held in fixed engagement with each other, in a manner whereby casual collapsing of the parts is eliminated. The novel construction also prevents liquids from obstructing the smoke passages, as the liquid will have a tendency to flow through the grooves 22 and be deposited within the stem 10 which is provided with a relatively large passage as shown, and by providing the stem 10 with the sleeve 13 and cup 16 as shown, the liquid will be prevented from contacting with tobacco or cigars in the bowl as well as cigarettes which may be carried by the stem or otherwise.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claims.

What I claim is:

1. A smoking device of the character described comprising a bowl having open ends, detachable means for closing one end, a stem slidably mounted in said bowl and being provided with a recess at one end communicating with the smoke passage thereof, a flanged sleeve threadedly secured in said recess and having a closed end provided with an opening, a cup provided with an opening registering with the opening first mentioned and being arranged in said sleeve, and a mouth piece having a grooved inner end and being slidably mounted in said stem.

2. A tobacco smoking device of the character described comprising a bowl of elongated formation, a reinforcing member counter-sunk in one end of said bowl, a stem mounted for slidable movement in said bowl and designed to have frictional engagement with the reinforcing member to prevent removal of the stem from the bowl, and a mouth piece slidably mounted in said stem and being provided with opposed grooves formed in its inner end and extending outwardly from its passage for the purpose specified.

3. A tobacco smoking device of the character described comprising a bowl having open ends, means detachably secured to said bowl for closing one end thereof, a stem mounted for slidable movement in said bowl, means on said stem to prevent its separation thereof from the bowl, apertured means arranged in a recess formed in the inner end of said stem, a cup secured in said last mentioned means and provided with an aperture registering with the first mentioned aperture, and a mouth piece slidably monuted in said stem and being designed to frictionally engage one end of said stem to prevent the separation of said mouth piece from the stem.

4. A smoking device of the character described comprising an elongated bowl opened at both ends, a metallic band secured to the front end of said bowl, a flange included in said band and disposed within the bowl, an apertured closure pivotally secured to said band, means formed with said apertured closure for securing the same in operative position to close the front end, a stem and mouth piece telescopically associated with the bowl, and means for retaining said stem and mouth piece in their inoperative positions and including a shell adapted to be disposed between the bowl and mouth piece when the device is folded, a ring formed on the shell and a thimble frictionally held on said shell and being engageable with said ring.

In testimony whereof I affix my signature.

ORA E. TATE, Sr.