Oct. 25, 1932. B. A. LOBLO 1,884,007

COMBINED CIGARETTE RECEPTACLE AND PIPE

Filed May 25, 1931

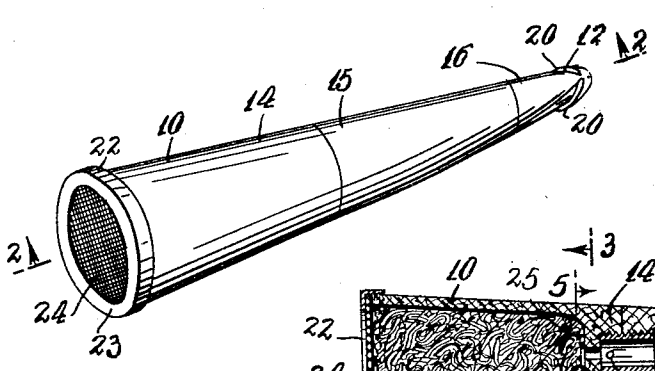


FIG 1

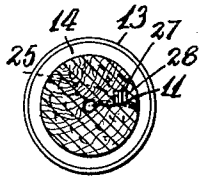


FIG 2

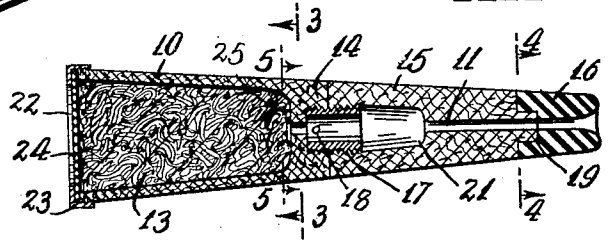


FIG 3



FIG 4

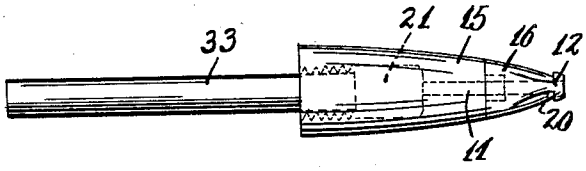


FIG 7

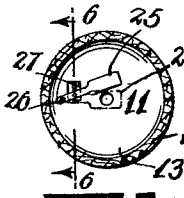


FIG 5

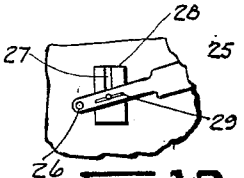


FIG 10

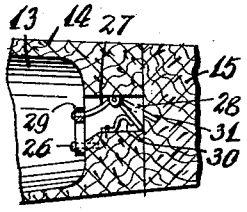


FIG 8

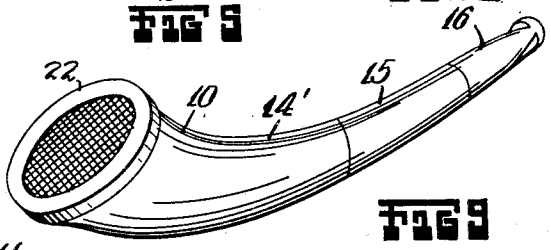


FIG 9

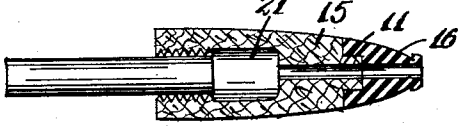


FIG 6

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UNITED STATES PATENT OFFICE

BÉLA A. LOBLO, OF NEW YORK, N. Y.

COMBINED CIGARETTE RECEPTACLE AND PIPE

Application filed May 25, 1931. Serial No. 539,702.

This invention relates to new and useful improvements in a smoking tube.

The invention has for an object the construction of a smoking tube which is characterized by a tubular member having a passage from end to end and adapted to be taken into one's mouth at one end and formed at the other end with a tobacco chamber, and a wire mesh cap removably mounted on the free end of the tubular member so as to close the tobacco chamber.

As another object of this invention, it is proposed to arrange the tubular member tapered from the mouth end to the other end so as not to be of excessive size at the mouth.

A still further object of this invention is to construct a tubular member of several sections, one section to have the tobacco chamber and a stud for engaging the second section which is to be formed with a recess for receiving a cigarette when the tobacco chamber is not used, and a third section constituting the mouth piece of the member.

A still further object of this invention is to construct the wire mesh cap from a ring which is adapted to engage on and clamp mesh material across the front of the tobacco chamber. The mesh material may be of single sheet material or any number of layers.

As a still further object of this invention, it is proposed to provide a means for closing the passage through the tubular member at the base of the tobacco chamber when the sections are slightly separated so that the tobacco chamber may be filled with tobacco without causing the tobacco to enter into the plug and passage.

As another object of this invention, it is proposed to construct a smoking tube which is of simple, durable construction, desirable in use and efficient in action, and which can be manufactured and sold at a reasonable cost.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawing, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawing, forming a material part of this disclosure:—

Fig. 1 is a perspective view of a smoking tube constructed according to this invention.

Fig. 2 is a central longitudinal sectional view taken on the line 2—2 of Fig. 1.

Fig. 3 is a transverse sectional view taken on the line 3—3 of Fig. 2.

Fig. 4 is a transverse sectional view taken on the line 4—4 of Fig. 2.

Fig 5 is a transverse sectional view taken on the line 5—5 of Fig. 2.

Fig. 6 is a fragmentary longitudinal sectional view taken on the line 6—6 of Fig. 5.

Fig. 7 is a side elevational view showing the device when used for smoking a cigarette.

Fig. 8 is a longitudinal sectional view of Fig. 7.

Fig. 9 is a similar view to Fig. 1 showing a modified form of the invention.

Fig. 10 is a fragmentary enlarged detailed view of a portion of Fig 5.

The smoking tube, according to this invention, comprises a tubular member 10 having a passage 11 coaxially positioned, and adapted be engaged in one's mouth at one end 12. The other end of the tubular member is formed with a large recessed opening 13 constituting a tobacco chamber. The tubular member is composed of several sections, namely, sections 14, 15 and 16 in end aligned positions. A hollow stud 17 projects from one of the ends of the section 14 and threadedly engages in the end of the section 15. A rivet, or pin 18 serves to hold the stud 17 fixedly in place upon the member 14. The tubular member section 16 is formed with a circular projection 19 engaging in a circular recess formed in the section 16 to hold these parts together.

The tubular member section 16 preferably should be made of hard rubber since it is the portion which engages between one's teeth. At the tip it should be formed with cut-out sides 20 to allow for the teeth to engage therein as is customary in cigar and cigarette holders. The tubular member section 15 is provided with a recess 21 communicating with the passage 11 and with the threaded opening which receives the stud 17. A

wire mesh cap 22 is removably mounted upon the free end of the tubular member section 14 and serves to close the tobacco chamber. The wire mesh cap comprises a metallic ring 23 adapted to engage upon the end of the tubular member 10 and to clamp down wire mesh material 24 which extends across the tobacco chamber so as to divide it off from the atmosphere. The passage of air is possible through the pores of the wire mesh. One or two sheets, or any number of sheets of the mesh, may be superimposed to obtain the proper density for the passage of the air and for the correct holding of the tobacco in place.

A means is also provided for closing the passage through the tubular member at the point where it meets with the tobacco chamber, when the sections 14 and 15 are slightly separated. The purpose for this is that when the tobacco chamber is filled with tobacco, upon the removal of the wire mesh cap 22, some of this tobacco will be forced into the passage and block it so that a smoker will have to open the passage again with a tooth pick or other instrument before smoking is possible. Instead of this, the smoker may temporarily loosen sections 14 and 15 which causes the automatic closing of the passage and prevents clogging. This means is in the form of a closure plate 25 pivotally mounted at its free end 26 so as to be capable of assuming a position across the passage 11 as indicated by the dot and dash lines 26', or assuming a position as shown by the full lines in Fig. 5. A bell crank 27 is pivotally mounted transversely in a recess 28 formed in the end of the section 14. One end of the bell crank engages within a slot 29 in the plate 25 between the free end of the plate and the pivot.

A spring 30 is fixedly mounted within the recess 28 and acts against the other end of the bell crank so as to normally urge it outwards to a position indicated by the dot and dash lines 31. Normally, when the section 15 is threadedly engaged upon the stud portion 17, the adjacent sides contact with each other so as to move the bell crank to the position indicated by the full lines in Fig. 6. In this position, the plate 25 does not obstruct the passage 11. The section 14 may be turned a few turns relative to the section 15 to separate the contacting ends so that the spring 30 can pivot the bell crank to the dot and dash position 31. In this position, the plate 25 will have moved to a position so as to close the passage 11.

In Figs. 7 and 8, the device has been shown used as a cigarette holder. The section 14 has been removed so that the threaded aperture in which the section 17 was engaged is exposed for receiving a cigarette indicated by reference numeral 33. The smoker can now enjoy the cigarette without getting an unpleasant mouth taste.

In Fig. 9 section 14' is shown to be slightly bent to simulate the appearance of the usual pipe.

It is to be understood that my device may be of any suitable shape or material.

While I have shown and described the preferred embodiment of my invention, it is to be understood that I do no limit myself to the precise construction herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

Having thus described my invention, what I claim as new, and desire to secure by United States Letters Patent is:—

1. A smoking tube, comprising a tubular member having a coaxial passage and an end adapted to engage in one's mouth, the other end being formed with a tobacco chamber diverging from the inner to the outer end and a wire mesh cap removably mounted upon the tubular member so as to close the tobacco chamber.

2. A smoking tube, comprising a tubular member having a coaxial passage and an end adapted to engage in one's mouth, the other end being formed with a tobacco chamber, and a wire mesh cap removably mounted upon the tubular member so as to close the tobacco chamber, said tubular member being made from several sections connected together, namely, a section which includes the tobacco chamber and formed with a threaded hollow stud for engaging within the adjacent section, said adjacent section being formed with a recess for receiving a cigarette when the sections are separated.

3. A smoking tube, comprising a tubular member having a coaxial passage and an end adapted to engage in one's mouth, the other end being formed with a tobacco chamber, and a wire mesh cap removably mounted upon the tubular member so as to close the tobacco chamber, said cap comprises a ring adapted to engage upon the end of the tubular member and to clamp down wire mesh material, and wire material clamped down by said ring.

4. A smoking tube, comprising a tubular member having a coaxial passage and an end adapted to engage in one's mouth, the other end being formed with a tobacco chamber, a wire mesh cap removably mounted upon the tubular member so as to close the tobacco chamber, said tubular member being made from several sections connected together, and means mounted upon one of the sections and having a lever resiliently engaging against the other section for closing the passage at the inner end of the tobacco chamber when the sections are slightly separated.

5. A smoking tube, comprising a tubular

member having a coaxial passage and an end adapted to engage in one's mouth, the other end being formed with a tobacco chamber, a wire mesh cap removably mounted upon the tubular member so as to close the tobacco chamber, said tubular member being made from several sections connected together, and means for closing the passage at the inner end of the tobacco chamber when the sections are slightly separated, comprising a pivoted shut-off plate, a bell crank pivotally mounted and connected with said pivoted plate and extending against the contacting end of one of said sections, and resilient means for urging the bell crank outward upon separtion of the sections.

6. A smoking tube, comprising a tubular member having a coaxial passage and an end adapted to engage in one's mouth, the other end being formed with a tobacco chamber, a wire mesh cap removably mounted upon the tubular member so as to close the tobacco chamber, said tubular member being made from several sections connected together, and means for closing the passage at the inner end of the tobacco chamber when the sections are slightly separated, comprising a pivoted shut-off plate, a bell crank pivotally mounted and connected with said pivoted plate and extending against the contacting end of one of said sections, and resilient means for urging the bell crank outward upon separation of the sections, comprising a spring mounted on one of the sections and urging said bell crank against another of said sections.

In testimony whereof I have affixed my signature.

BÉLA A. LOBLO.