C. A. TURNER.

PIPE, CIGAR OR CIGARETTE HOLDER.

APPLICATION FILED APR. 25, 1914.

1,142,998.

Patented June 15, 1915.

FIG. 1.

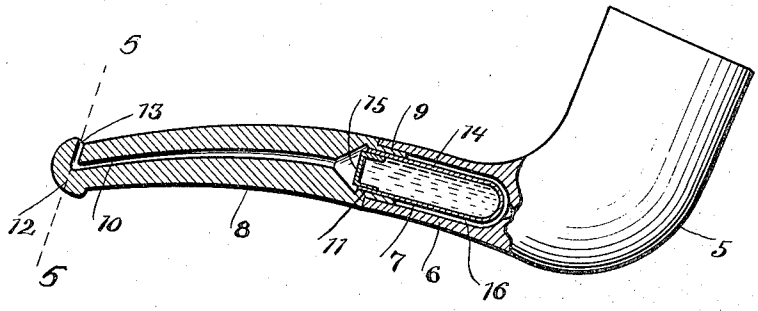


FIG. 5.

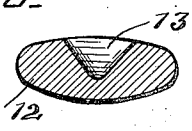


FIG. 4.

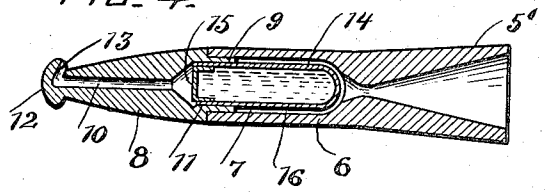


FIG. 3.

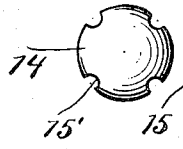
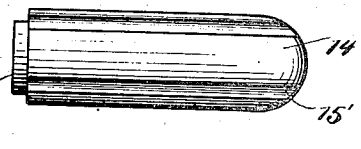


FIG. 2.



Witnesses
Wynne Johnson
B. Washburn

Inventor
C. A. Turner.

By C. L. Parker. Attorneys

UNITED STATES PATENT OFFICE.

CHARLES A. TURNER, OF STATESVILLE, NORTH CAROLINA.

PIPE, CIGAR OR CIGARETTE HOLDER.

1,142,998. Specification of Letters Patent. Patented June 15, 1915.

Application filed April 25, 1914. Serial No. 834,411.

To all whom it may concern:

Be it known that I, CHARLES A. TURNER, a citizen of the United States, residing at Statesville, in the county of Iredell and State of North Carolina, have invented certain new and useful Improvements in Pipes, Cigar or Cigarette Holders, of which the following is a specification.

My invention relates to improvements in tobacco pipes and cigar or cigarette holders, and more particularly to such a device provided with means for cooling the smoke before the same passes to the mouth of the user and supplying the smoke thereto in the least objectionable manner, with a view of preventing the smoke from burning the tongue or the like.

An important object of the invention is to provide means of the above mentioned character, which are simple in construction, inexpensive to manufacture, and convenient in use.

A further object of the invention is to provide a cooling element in the form of a receptacle to hold a cooling fluid, the same being adapted for insertion within the stem of the pipe or cigar or cigarette holder, the smoke passing exteriorly thereof and being cooled to some extent by engagement therewith.

Other objects and advantages of the invention will be apparent during the course of the following description.

In the accompanying drawings forming a part of this specification and in which like numerals are employed to designate like parts throughout the same, Figure 1 is a side elevation of a pipe embodying my invention, a portion thereof being shown in central longitudinal section, Fig. 2 is a side elevation of the cooling shell, Fig. 3 is an end elevation of the same, Fig. 4 is a central longitudinal sectional view through a cigar or cigarette holder, embodying the invention, and, Fig. 5 is a transverse section taken on line 5—5 of Fig. 1.

In the drawings, wherein for the purpose of illustration is shown a preferred embodiment of the invention, the numeral 5 designates a pipe bowl, carrying a tubular pipe stem 6, having a preferably cylindrical bore or opening 7, in communication with the opening of the bowl 5, as is customary.

The numeral 8 designates a mouth-stem, having a reduced extension 9, at one end thereof, adapted to fit snugly within the bore 7 of the tubular pipe stem 6. The mouth-stem 8 is provided with an axial opening or passage 10, leading into a counter-bore 11, at the outer end of the same. At its opposite or inner end the mouth-stem 8 is provided with a head 12, the inner end of which is closed, as shown. A laterally extending vertically inclined transverse V-shaped opening 13 is formed through the head 12, and communicates with the opening 10. This opening 13 is inclined outwardly, to cause the smoke to travel upwardly and outwardly slightly, away from the end of the tongue, thus preventing the smoke from burning or otherwise injuring the tongue.

The numeral 14 designates a hollow cooling element or shell, one end of which is normally closed by a removable head 15, held in place by any suitable means. This cooling shell is adapted to contain a cooling fluid, such as water. The cooling shell 14 is preferably formed of thin sheet metal and is provided with a suitable number of longitudinally extending grooves 15′, passing for the entire length of the same, such grooves being preferably formed by bending the material of the cooling shell. The cooling shell is preferably circular in cross-section and is of a proper diameter to fit snugly within the opening or counter-bore 11 of the mouth-stem 8, and to be held thereby against displacement.

Particular attention is called to the fact that the opening 7 in the pipe stem 6 is of substantially a greater diameter than the shell 14, providing a cooling chamber 16 to receive and hold the smoke in contact with the cooling shell, such smoke being drawn through the grooves 15′, and in this manner pass into the opening 10. The smoke drawn through the opening 10 is discharged through outlet opening 13 which being V-shaped and increasing in width upwardly, causes the volume of smoke to diverge upwardly and simultaneously be deflected forwardly away from the end of the tongue, thus preventing the smoke from burning the tongue.

In Fig. 4, I have shown my invention as embodied in a cigar or cigarette holder. This construction is substantially identical with that shown in connection with the pipe, except that the stem 8 is of a little different shape while the stem 6 carries a cigar or

cigarette holder receptacle 5′ instead of the pipe bowl 5. It is thought that no further description of this form of the invention is necessary.

It is to be understood that the form of the invention herewith shown and described is to be taken as a preferred example of the same, and that various changes in 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 described the invention, I claim:—

1. A device of the character described, comprising a receptacle adapted to hold tobacco and provided with a tubular stem, a tubular mouthpiece connected with the tubular stem, a closed cooling shell extending into the tubular stem and a heat absorbing liquid arranged within the closed shell.

2. A device of the character described, comprising a receptacle adapted to hold tobacco, a tubular stem connected with the receptacle, and a closed shell for containing a heat absorbing fluid arranged within the tubular stem.

3. A device of the character described, comprising a receptacle adapted to hold tobacco, a tubular stem connected with the receptacle, and a closed shell for containing a heat absorbing fluid arranged within the tubular stem and provided with exterior longitudinally extending passages having no communication with the interior of the closed shell.

4. A device of the character described, comprising a receptacle adapted to hold tobacco, a tubular stem connected therewith, and a closed shell for containing a heat absorbing fluid arranged within the stem and having longitudinal smoke receiving passages formed therethrough and having no communication with the interior thereof.

5. A device of the character described, comprising a receptacle to hold tobacco and having a tubular stem provided with an axial bore of substantial diameter, a mouthpiece having one end reduced to fit within the bore of the tubular stem and having its axial opening counter-bored adjacent the reduced extension, and a closed shell for containing a heat absorbing fluid having a portion thereof arranged within and held by the counter-bored portion of the mouthpiece and extending into the bore of the tubular stem and spaced from the inner wall thereof for providing a smoke holding and cooling chamber, said shell being provided with exterior longitudinal grooves.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES A. TURNER.

Witnesses:
PAUL F. WARD,
G. E. FRENCH.