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C. F. BREMER

SMOKER

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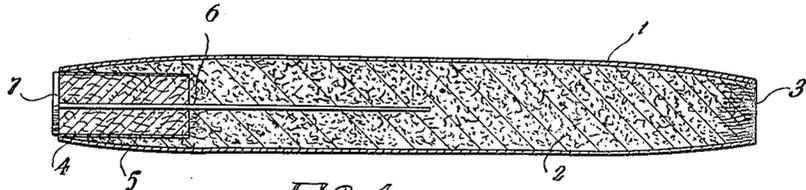


Fig. 1.

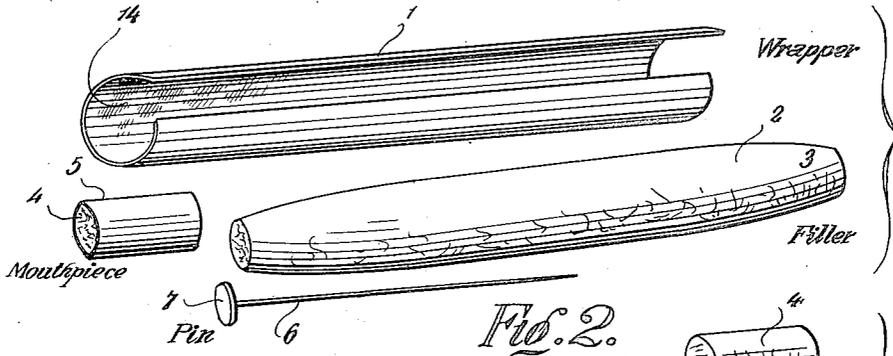


Fig. 2.

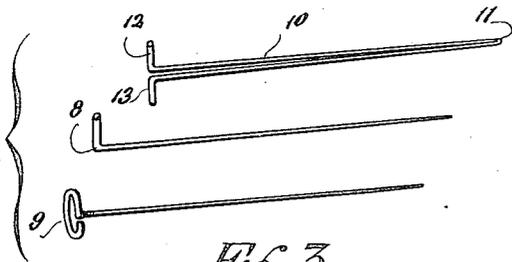


Fig. 3.

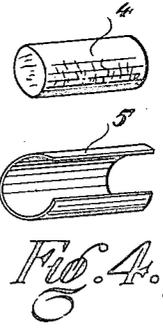


Fig. 4.

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SMOKER.

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To all whom it may concern:

Be it known that I, CHRISTIAN F. BREMER, a citizen of the United States, residing at Tampa, in the county of Hillsboro, State of Florida, have invented certain new and useful Improvements in Smokers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to tobacco, and more especially to the construction of an article which is to be smoked and which I have given the above title of "Smoker" rather than calling it a cigar, cigarette, or stogie, because it can be made to simulate any of them. In fact, it is possible that it could be manufactured with the bulk of its filler composed of fine cut pipe tobacco enclosed within a wrapper, although I should prefer that the latter would burn.

A smoker whose filler has such a wide range of possibilities requires a mouthpiece, especially if the filler is fine cut or granular and might otherwise escape, and one object of the invention is to construct the article in such manner that in the act of making it the mouthpiece is held within the wrapper long enough for the gum or paste connecting these elements to dry, at least to a sufficient extent to reliably hold the mouthpiece when the article is removed from the machine which makes it and laid aside. This object is carried out by the use of a preferably metallic member herein called the core.

Another object of the invention is to safeguard the mouthpiece from loss or dislodgment through accident or rough handling, up to the time the article reaches the consumer, and this object also is accomplished by use of the core and the provision of a head thereon.

Another object is to provide the article with a duct for the free passage of smoke through the filler and especially through the mouthpiece, even though the latter may be rather tightly compressed in the act of manufacture. This object is accomplished by utilizing the core which is permitted to remain in the article until removed by the consumer just before smoking.

Details are set forth below and shown in the drawings wherein:

Figure 1 is a longitudinal section of this article in its completed form.

Figure 2 is a collective view of the several parts thereof in perspective with their titles adjacent.

Figure 3 is a perspective view of several other forms of the core.

Figure 4 is a perspective detail of the parts of the mouthpiece separated.

This so-called "smoker" is made up a wrapper enclosing a filler and a mouthpiece. If the device is to simulate a cigar, the wrapper 1 is of tobacco leaf, but if the device is to simulate a cigarette the wrapper may be of paper, and I reserve the widest latitude in this respect. The filler 2 may be long cut, fine cut, or granular material, but if it be granular that part of it toward the outer end 3 at least should be long cut or somewhat matted as shown by the shading in Figure 1, so as to retain the remaining portion 2 of the filler against loss from the outer end of the wrapper. The mouthpiece is of any suitable porous and preferably fibrous material 4, such as corn husks for instance, preferably tightly wrapped in a strip of light paper 5; and the combined length of the filler and the mouthpiece is about the same as the length of the wrapper over all. The core is shown in Figures 1 and 2 as made up of a pin 6 of wire which may be about half the length of the finished article, and a head 7 which in Figure 2 is shown as a disk having about the same circumference as the mouthpiece. In Figure 3 one core has a head formed by bending the wire aside in an elbow at 8, another form of core has its head bent into a small coil 9, and a third form of core has its body 10 bent upon itself sharply at 11, and the remote ends of the two arms bent outward at 12 and 13 to form the head. While I prefer to make this element of wire or of metal, it may be of any suitable material having considerable stiffness, although it should be rather small. The shading at 14 in Figure 2 designates gum or paste.

This improved smoker is made by laying the wrapper in a channel or groove in the machine or tool employed, applying gum or paste at 14 to the interior of the wrapper

from its left end toward is right for a distance slightly greater than the length of the mouthpiece, running the pin 6 through the axis of the mouthpiece until its head 7 strikes the outer end thereof, then laying the mouthpiece and core in the wrapper flush with the left edge thereof, then filling the remainder of the wrapper with the filler of whatever character is to be employed, moving it to the left closely against the inner end of the mouthpiece and permitting its right end to extend a little beyond the filler, and then manually or mechanically rolling the wrapper so as to tightly enclose and surround the mouthpiece and filler. During this action the gummed surface 14 is pressed tightly onto and around the mouthpiece and the filler adjacent thereto while the gum is still wet, the long pin keeps the mouthpiece alined with the filler and the head 7 holds these parts in contact, and finally the free edge of the wrapper is pasted or gummed down onto its body in a manner well understood and not necessary to illustrate. The article as thus far completed is then laid aside to dry or to receive whatever treatment the process of manufacture requires, the core being permitted to remain where it was placed, and the article needing no further treatment to complete it excepting that the end opposite the mouthpiece will doubtless be eventually cut off square.

The well known shrinkage of parts which occurs when they dry out will not have the effect of causing the loss of the mouthpiece from this smoker, as the articles are subsequently bunched and boxed, shipped to the

retailer, and finally sold, because of the presence of the core. The purchaser has but to grasp the head or handle at the outer end of the core, and withdraw its pin, thereby leaving a duct through the center of the mouthpiece and along a considerable portion of the center of the filler; and if it is found that the remote end of the filler has become matted so that the article does not "draw" well, he can now use the pin to form a duct at that end of the device, and the improved smoker will then burn freely. Or, if the purchaser prefers to put one or more of these smokers in his pocket for use later, it is obvious that the heads of the cores (especially if made in disk shape as shown at 7) will protect the ends of the mouthpiece.

What is claimed is:

A smoker's article comprising a filler, a wrapper secured around the filler and being of a length slightly in excess of the length of the filler, a mouthpiece disposed within the wrapper and within the excess of length thereof, said mouthpiece comprising a fibrous filler and a surrounding wrapper, and a removable draft forming pin disposed longitudinally through the center of the mouthpiece and through the major portion of the filler first-named, said pin having a head lying against the outer end of the mouthpiece and the first-named wrapper.

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

CHRISTIAN F. BREMER.

Witnesses:

D. C. HILL,
HARRY W. BELLAMY.