C. M. CALLANAN.

CIGARETTE FORM RETAINER AND HOLDER.

APPLICATION FILED JAN. 31, 1912.

1,037,863. Patented Sept. 10, 1912.

Fig. 1.

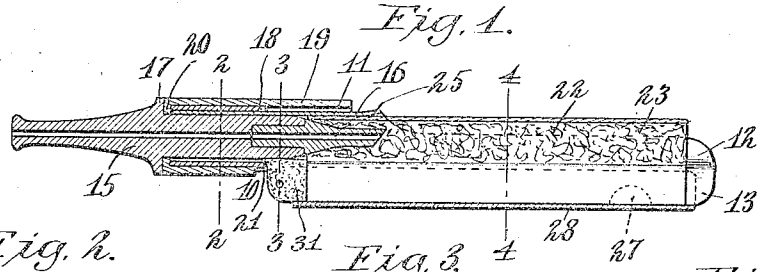


Fig. 2.

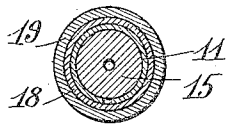


Fig. 3.

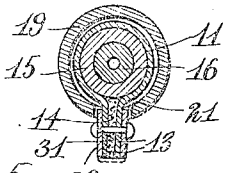


Fig. 4.

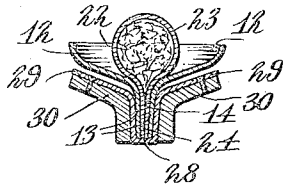


Fig. 5.

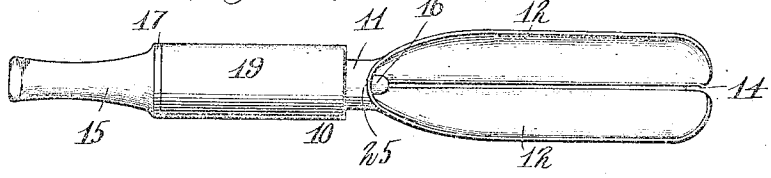


Fig. 6.

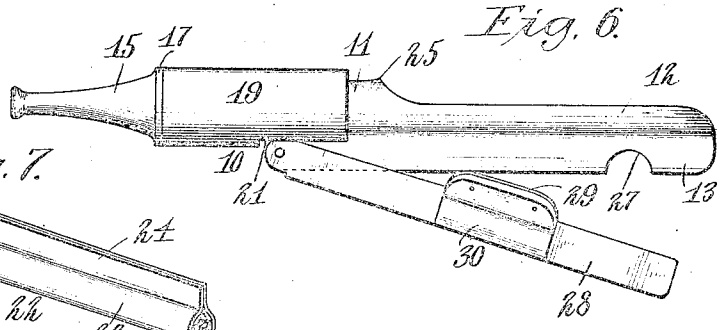


Fig. 7.

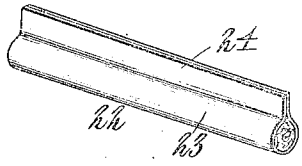


Fig. 8.

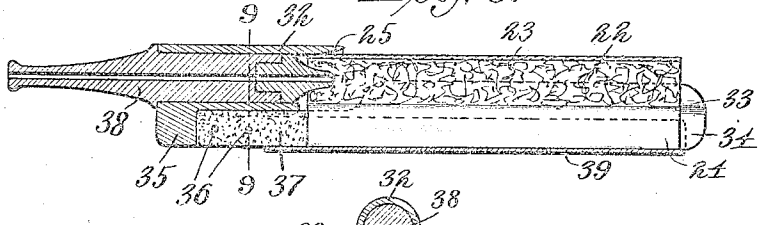
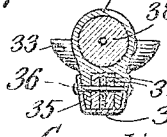


Fig. 9.



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UNITED STATES PATENT OFFICE.

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CIGARETTE-FORM RETAINER AND HOLDER.

1,037,863. Specification of Letters Patent. Patented Sept. 10, 1912.

Application filed January 31, 1912. Serial No. 674,504.

To all whom it may concern.

Be it known that I, CORNELIUS M. CALLANAN, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have invented a new and useful Cigarette-Form Retainer and Holder, of which the following is a specification.

My invention relates to a cigarette form retainer and holder.

The primary object of the invention is to provide a simple and inexpensive device of this character, particularly designed for use by smokers who are not proficient in rolling the regulation form of cigarettes and also for use by those who are capable of rolling cigarettes in the conventional form but who may desire a device of this character that will render it unnecessary to roll the cigarette as heretofore, and wherein provision is made for preventing the dropping of ashes onto the floor or surrounding objects.

A further object of my invention is the provision of a device of this character, which may be said to be a novel form of cigarette pipe and which is constructed so as to enable the various parts to be readily taken apart and thoroughly cleaned, thus preventing the saturation of nicotin thereinto.

A still further object of my invention is the provision of a device of this character which can be made of various kinds of material and by the use of which a cigarette partly rolled may be placed within the device and retained in proper form by clamping portions of the paper in which the tobacco is placed between parts of the device so that air cannot be drawn through the cigarette except from the lighted end thereof.

A still further object is the provision of means for packing the inner end of the cigarette against the inner face of the receiving barrel and thus prevent air being drawn through the mouth-piece, except it first pass through the cigarette.

With these and other objects in view, the invention consists in the novel features of construction, and in the arrangement and combination of parts to be hereinafter described and particularly pointed out in the subjoined claims.

Referring to the drawings,—Figure 1 is a central longitudinal section of my cigarette form retainer and holder. Fig. 2 is an enlarged cross-section taken on line 2—2, Fig. 1. Fig. 3 is an enlarged cross-section taken on line 3—3, Fig. 1. Fig. 4 is an enlarged cross-section taken on line 4—4, Fig. 1. Fig. 5 is a plan view of the same. Fig. 6 is a side elevation with the clamp member partly swung open. Fig. 7 is a perspective view of a cigarette as it is to be rolled and as held by means on my invention, it being clear that this represents merely a portion of the process the smoker must go through in order to roll the conventional cigarette. Fig. 8 is a longitudinal section showing a modification of my invention. Fig. 9 is a cross-section taken on line 9—9, Fig. 8.

Referring now to the drawings in detail, like numerals of reference refer to like parts in the several figures.

10 designates the body of the form retainer or holder, which has a cylindrical portion or barrel 11 at its inner end, two oppositely-disposed elongated wings 12 made substantially concavo convex in cross-section to form a trough, as shown in Fig. 4, and depending flanges 13 which extend from the outer end of the trough rearward to a point underneath the cylindrical portion or barrel 11, the oppositely-disposed wings 12 and the flanges 13 are separated, as at 14, and the cylindrical portion or barrel 11 is slit on its underside coincident with the separation of said wings and flanges. The body portion of the holder may be made of aluminum or any other material suitable for the purpose.

Entering the cylindrical portion or barrel 11 of the holder is a mouth-piece 15 which has a frictional fit in said cylindrical portion or barrel and at its inserted end it has a tapered or conical tip 16 which is separated from the wall of said cylindrical portion or barrel by an annular intervening space. This mouth-piece may be made of any desired material and in preferred form has a collar 17, for a purpose to presently appear.

Fitting onto the slitted cylindrical portion or barrel 11 is a sleeve 18 which is preferably constructed of material that is a non-conductor of heat and surrounding said sleeve is another sleeve 19 having an inwardly-directed annular flange 20 at its inner end which bears against the adjacent end of the sleeve 18 and the inner end of the cylindrical portion or barrel 11. The sleeve

19 is slotted along a portion of its length, as at 21, so as to straddle the inner ends of the depending flanges 13 of the body portion.

22 designates a cigarette partly rolled, it having a substantially cylindrical portion 23 formed by rolling a sheet of paper around a quantity of tobacco with the marginal portions of the paper brought together, as at 24. The cigarette thus formed is placed into the holder so that the inner end thereof is entered in the cylindrical portion or barrel 11 of the body and the paper flanges between the two depending flanges 13 of the body portion. The tip 16 of the mouth-piece, owing to its tapered formation, enter the tobacco and not only forces the tobacco toward the longitudinal center of the cigarette thus far formed, but also crowds the tobacco outward so as to pack it and the paper surrounding it in contact with the inner surface of the cylindrical portion or barrel; and it may be here stated that in order to facilitate the entrance of the cigarette into said cylindrical portion or barrel, the outer end of the latter is made flaring, as at 25. The lower edges of the flanges 12 are straight edges and the paper extending beneath such edges can be torn along the same so that only the paper in direct contact with the tobacco will be seen. In order that when the cigarette is consumed the paper clamped between the flanges 13 may be removed, said flanges are notched, as at 27, so that the paper may be taken hold of and pulled out from between said flanges.

In using this device while smoking a cigarette the ashes will be retained in the trough formed by the two wings 12, thus preventing the ashes from falling onto the floor, or surrounding objects.

In order that the flanges or outstanding portions 24 of the paper in which the tobacco is confined may be clamped in an air-tight manner I pivotally secure to the inner ends of said flanges a clamp member 28 which is of substantially U-formation in cross-section so as to straddle the flanges and clamp them together with the paper between. This clamp I preferably provide with two oppositely-disposed lateral flanges 29 to which are secured wooden or other facing members 30 so that the smoker may take hold of the clamp without liability of being burnt.

In order that the air shall not enter between the flanges 13 at their inner ends I place between them a packing of asbestos or the like, as at 31.

From the foregoing description it is clear that air cannot be drawn into the mouth-piece except through the lighted end of the cigarette and that by the use of this invention smokers not capable of rolling the conventional form of cigarettes but preferring self-made cigarettes to those purchased, may partially roll the cigarette and place the same within the form retainer and holder without the necessity of using glutinous or other undesirable paper.

In the modification shown in Figs. 8 and 9 the sleeves 18 and 19 are dispensed with and the cylindrical portion or barrel 32 is made separate from the trough portion 33 and flanges 34. In this construction the cylindrical portion or barrel has a depending portion or extension 35 which is notched longitudinally through a portion of its length to receive the rear ends of the flanges 34, which flanges are secured in the depending portion or extension of said cylindrical portion or barrel by transverse rivets 36, or the like, suitable packing 37 being also placed between the flanges 34 to prevent admission of air into the mouth-piece 38 from said point and the forward rivet 36 may serve as the pivot on which the clamp 39 may swing.

Various other modifications may be resorted to, also various changes in material, as I consider it fully within the scope of my invention to make changes in the arrangement and construction of parts without departing from the spirit thereof.

Having thus described my invention, what I claim is,—

1. A device of the character described comprising two separated parts forming a trough-like body on which a cigarette is to be supported and between which the marginal portions of the paper forming part of the cigarette is adapted to be placed, a mouth-piece connected with said separated parts, and means for clamping said parts together with the paper clamped between them.

2. A device of the character described comprising a trough-like body-portion on which a cigarette is to be placed and a mouth-piece, said body portion being slitted to receive the marginal portions of the paper forming part of the cigarette.

3. A device of the character described comprising a trough-like body-portion on which a cigarette is to be placed, said body-portion having a barrel at one end into which one end of the cigarette is to be forced, and a mouth-piece applied to said barrel and having a tip adapted to be entered into the inner end of the cigarette.

4. A device of the character described comprising a body-portion having a trough-like member slit throughout its length to form two separated parts and a barrel at the inner end of said trough-like member, means for clamping the separated parts of said trough-like member together, and a mouth-piece entered into said barrel.

5. A device of the character described

comprising a body-portion having a barrel at one end slit lengthwise and having two wing members extending forwardly from said barrel and separated in line with the slit of said barrel, a mouth-piece applied to said barrel, and a substantially U-shaped clamp adapted to straddle said wing members to force the same toward each other, substantially as set forth.

6. A device of the character described comprising a body-portion having a barrel at one end slit lengthwise and slightly flared at its forward end and two wing members extending forwardly from the forward end of said barrel, each wing member having a laterally-disposed curved wing and a depending flange and being separated in line with the slit of said barrel, a U-shaped clamp member pivotally connected to said depending flanges at one of their ends and adapted to embrace the same, and a mouth-piece entered into said barrel and having a tapering tip at its forward end, substantially as set forth.

7. A device of the character described comprising a body-portion having a slitted trough-like member forming two separated parts and a barrel extending rearwardly from said trough-like member, means for drawing the parts of said trough-like member toward each other, and a mouth-piece applied to said barrel.

8. A device of the character described comprising a body-portion having opposite laterally-disposed curved wings forming a trough and depending flanges separated to receive a portion of the cigarette paper therebetween and having alined [illegible] to permit the removal of the paper therefrom, a substantially U-shaped clamp pivotally attached to the inner ends of said depending flanges and adapted to straddle the latter to clamp the cigarette paper therebetween, and a mouth-piece applied to said barrel.

9. A device of the character described comprising a body-portion having a barrel at one end and a trough-like structure comprising two separated members extending forwardly from said barrel, means to clamp said separated members together, a sleeve surrounding said barrel and in contact therewith, and an outer sleeve surrounding said first-mentioned sleeve and having an annular inwardly-directed flange at its inner end lying in contact with the inner end of said barrel and the inner end of said first-mentioned sleeve, and a shouldered mouth-piece entered into said barrel with the shoulder thereof against the flanged end of said outer sleeve.

10. A device of the character described comprising a body-portion having a barrel at one end and a trough-like supporting portion extending forwardly from the inner end of said barrel, said barrel being slightly flared at its outer end to facilitate the entrance of a cigarette thereinto, a sleeve surrounding the slitted barrel, and a mouth-piece entering said barrel and having a tapering tip extending forwardly in line with the flared end of said barrel.

11. A device of the character described comprising a body-portion having a barrel and a trough-like structure extending forwardly from said barrel, said barrel being slitted longitudinally and said trough-like structure being separated in line with said slit, packing between the separated parts of said trough-like members at their rear ends, a U-shaped clamp straddling said trough-like member to force the parts thereof toward each other, and a mouth-piece applied to said barrel.

12. A device of the character described comprising a body-portion having a slitted trough-like member forming two separated parts and a barrel extending rearwardly from said trough-like member, a substantially U-shaped clamp pivotally attached to said separated parts of the trough-like member for drawing said parts toward each other, said clamp having opposite laterally-disposed flanges and facing members secured to said flanges and extending onto the sides of said clamp.

In testimony whereof, I have affixed my signature in the presence of two subscribing witnesses.

CORNELIUS M. CALLANAN.

Witnesses:
EMIL NEUHART,
JACOB OBERST, JR.