

March 29, 1932.

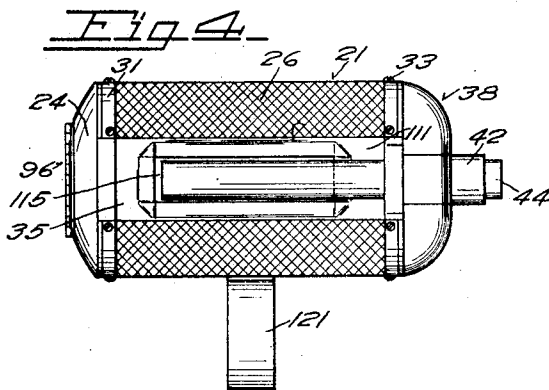
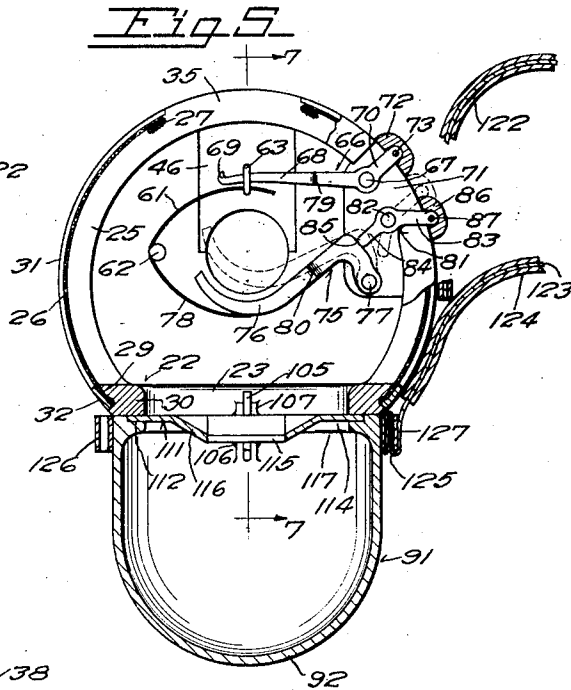
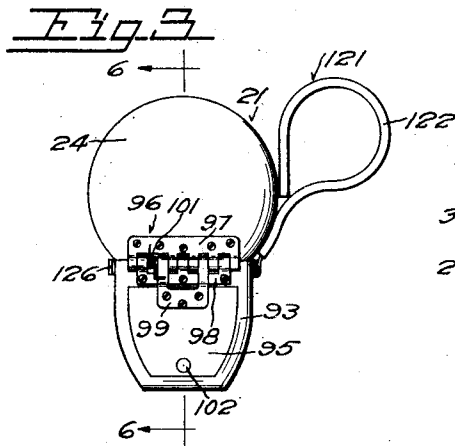
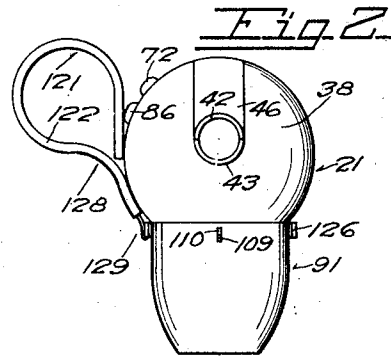
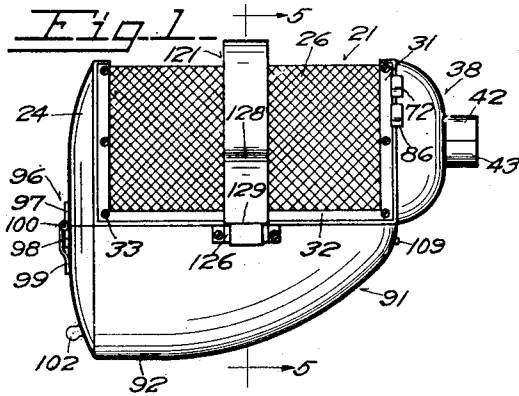
G. R. FOOTE

1,851,899

HOLDER FOR ROLLS OF TOBACCO, SUCH AS CIGARETTES, CIGARS, AND THE LIKE

Filed May 28, 1931

2 Sheets-Sheet 1



INVENTOR:

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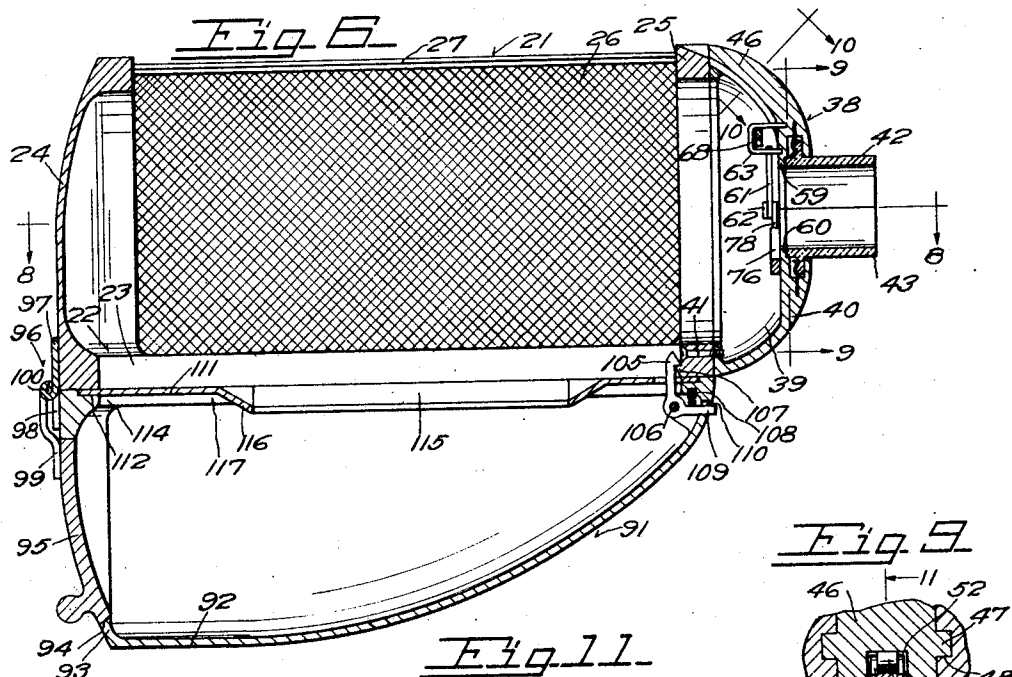


Fig. 9

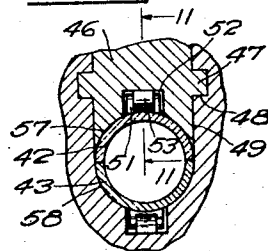


Fig. 11

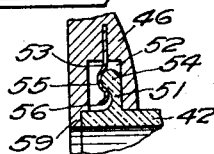


Fig. 7

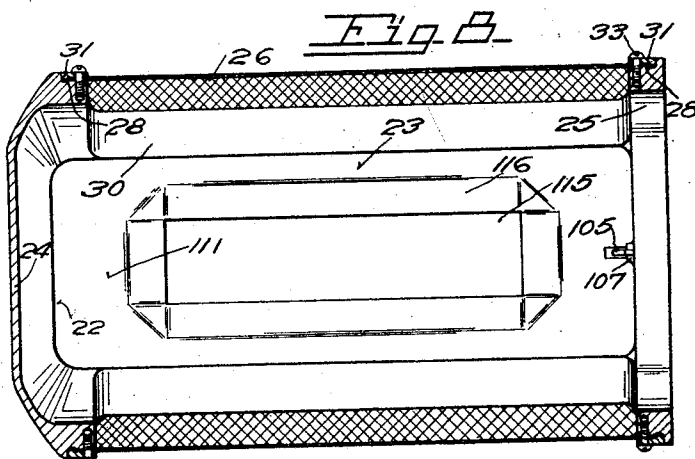
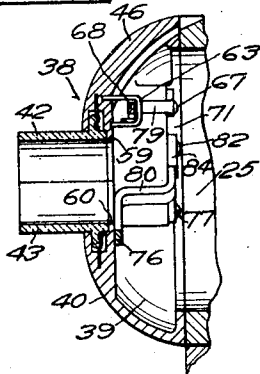
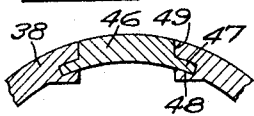


Fig. 10



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## UNITED STATES PATENT OFFICE

GLEN R. FOOTE, OF CINCINNATI, OHIO

HOLDER FOR ROLLS OF TOBACCO, SUCH AS CIGARETTES, CIGARS, AND THE LIKE

Application filed May 28, 1931. Serial No. 540,574.

The ashes dropped from cigarettes, cigars and the like and the heat from burning cigarettes, cigars and the like, or the butts of the same, carelessly or indiscriminately dropped or placed, has resulted in great annoyance and damage, and the desire of a careful smoker to avoid such damage has resulted in considerable loss of time, waste of energy and annoyance, destroying a great part of the pleasure or satisfaction of smoking.

It is the object of my invention to provide an improved device for avoiding these objections, and to provide an improved device arranged to hold the cigarette, cigar or the like with its mouth end accessible to the lips of the user and its burning end protected from contact with all other objects, while at the same time permitting the aroma to diffuse the atmosphere to retain the pleasure of smoking in full measure; further, to provide novel means for receiving the ashes, and for retaining the ashes which may drop from the lighted cigarette, cigar or the like; and, further, to provide novel means for providing pressure upon the cigarette, cigar or the like adjacent to its mouth end whereby to extinguish the light, and confine the light and heat within the holder and prevent the light communicating with an exterior object whereby fire might ensue.

It is the object of my invention, further, to provide a novel housing wherein the cigarette, cigar or the like may be contained with its mouth end projecting outwardly so that the user may draw on the same during smoking; further, to provide a novel handle for the housing whereby the housing is supported in convenient manner during drafts by the user upon the cigarette, cigar or the like, and between such drafts preferably in manner to permit the user the free use of his hands without the necessity of laying down the cigarette, cigar or the like and again grasping the same for smoking.

It is the object of my invention, further, to provide novel means for holding the cigarette, cigar or the like; further, to provide novel means for extinguishing the light on the same; further, to so relate these parts that the releasing movement of the holding means dis-

engages the squeezing action of the extinguishing means; further, to provide novel means for receiving the ashes and the butts of the smoked article, and matches, and for retaining the same; and, further, to provide novel related means for discharging ashes and the butts.

The invention will be further readily understood from the following description and claims, and from the drawings, in which latter:

Fig. 1 is a side elevation of my improved device.

Fig. 2 is a front end view of the same.

Fig. 3 is a rear end view of the same.

Fig. 4 is a plan view of the same, showing a cigarette in position.

Fig. 5 is a cross-section of my improved device, taken on the line 5—5 of Fig. 1, and partly broken away, and showing parts in assumed positions in dotted lines.

Fig. 6 is a vertical axial section of my improved device, taken on the line 6—6 of Fig. 3.

Fig. 7 is an axial sectional detail view, taken in the plane of the line 7—7 of Fig. 5.

Fig. 8 is a plan sectional detail view of my improved device, taken in the plane of the line 8—8 of Fig. 6, with the head removed.

Fig. 9 is a cross-sectional detail view of the same, taken in the plane of the line 9—9 of Fig. 6.

Fig. 10 is a cross-sectional detail view of the same, taken in the plane of the line 10—10 of Fig. 6; and

Fig. 11 is an enlarged detail view of the holding means for one of the sectors of the clamp, taken in the plane of the line 11—11 of Fig. 9.

For convenience, the cigarette, cigar or the like will be hereinafter referred to as a roll of tobacco.

A housing 21 comprises a frame having a skeleton bottom 22 in which there is an opening 23, a preferably closed rear end wall 24 and a front end skeleton wall 25.

Side walls 26 are provided for the housing, these side walls being preferably made of a fine wire mesh, forming foraminous or perforate side walls for permitting air to pass

freely therethrough, but preventing the passage of ashes from the roll of tobacco being smoked. The upper edges of the side walls are rolled and folded as at 27 to reinforce the same.

The end edges thereof are let into rabbets 28, respectively in the end walls 24, 25, and the bottom edges thereof are let into rabbets 29 in the lower side strips 30 of the framing of said housing. A clamping strip comprising end strips 31 and a connecting bottom strip 32 are let into said rabbets, screws 33 passing through said strips and the margins of the perforate walls, clamping said margins in said rabbets.

An opening 35 is left between the upper margins of the side walls and extends lengthwise of the housing between the front and rear walls thereof. The aroma from the tobacco passes freely through the opening and sides. The side walls are preferably arcuate in form in cross-section, the housing being preferably of general cylindrical form, in the axis or middle of which the roll of tobacco is located, extending lengthwise of said axis.

The housing is provided with a head 38 which preferably bulges endwise outwardly for forming a cavity 39 and a rounded end 40 for the housing. Screws 41 secure the head to the housing.

The head is provided with jaws 42, 43, which form a mouth or holder in which the roll of tobacco 44, shown as a cigarette in Fig. 4, is received. The holder is of such form and size as to accommodate the cigarette, cigar or the like which is to be used in my improved device. The jaws are preferably removable, so as to be interchangeable, or so that jaws may be readily replaced.

Means are provided for permitting relative movement to take place between the jaws, so that the same may act as a clamp. Thus the jaw 42 is mounted on a slide 46, having guides 47 slidable in grooves 48 in the walls of a recess 49 in said front wall. The guides and grooves preferably slant upwardly and rearwardly on the head. The jaw 42 is provided with a lip 51 received in a socket 52 in the slide, and held by a spring clip 53 fixed in the slide. The lip is provided with a knob 54 received in a corresponding notch 55 in the spring, the spring having a receding inner end 56 for permitting the lip to readily slip thereunder.

The jaws 43 is held in place by similar means reversely placed. These jaws are shown as sectors of a cylinder and as received in arcuate recesses 57, 58, respectively in the slide and in the lower part of the head, the slide and head being respectively provided with arcuate flanges 59, 60, in front of the rear ends of said jaws. The jaws are preferably formed of some material such as amber, real or synthetic, bakelite or other substance or composition, contact of which by

the lips of the user would not be objectionable. The frame of the housing and the head of the same are preferably made of metal.

A spring 61 is held by a pin 62 at the inner face of the head, and is received in an eyelet 63 fixed in the slide for normally urging the slide and the jaw therein toward the companion jaw for acting as a clamp to lightly hold the roll of tobacco in the holder and for releasing said roll.

The slide is moved to move the jaw supported thereby from its companion jaw, effected by a lever 66 pivoted to the head on a pivot 67 and having an arm 68 received in the eyelet 63, the arm having a hook end 69 for limiting the upward movement of the slide. The arm 70 of the lever extends through a slot 71 in the head and has a knob 72 pivoted to its outer end on a pin 73. This slot is formed in the rear end of the head, the rear wall of the slot being formed by the front end of the housing proper.

A choker 75 is provided for choking or snuffing the light on the roll of tobacco when adjacent to the inner face of the head of the housing. It is shown comprising an acute arm 76 pivoted to the head on a pivot 77 and arranged to engage and press upon the roll of tobacco, pressure being exerted by a spring 78 which is a continuation of the spring 61 for normally moving the choker 75 and the slide 46 in opposite directions toward the axis of the holder.

The arms 68, 76, are bent as at 79, 80, to locate their swinging ends adjacent to the inner face of the front wall of the head of the housing, which inner face is preferably in a plane perpendicular to the axes of the pivots 67, 77.

A disengaging lever 81 is pivoted on a pivot 82 and has an arm 83 in the slot 71, and an arm 84, the end of which is adapted to engage the cam face 85 of the choker 75. A knob 86 is pivoted to the lever at 87. When the knob 86 is pushed upwardly, its inner end is moved out of obstructing relation with the cam face 85, as shown in dotted lines in Fig. 5, which permits the choker to engage the roll of tobacco for pressing upon the same and obstructing the passage of air therethrough. This choker is preferably made of metal, and the flanges 59, 60, are also preferably made of metal, or of non-inflammable substance, and are of such nature as to cause a sweating of the parts contacting the hot portion of the roll of tobacco for adding moisture to the pressure and causing extinguishment of the light. The flanges 59, 60, also protect the jaws 42, 43, from the heat of the light.

The upper and lower walls of the eyelet 63 are preferably straight in forward and rearward direction and of sufficient length to permit a slanting movement of the slide 46 throughout its desired range without cramp-

ing action between the eyelet and the spring 61 and arm 68.

When the knob 86 is moved to disengage the choker, its movement is away from the knob 72 which controls the position of the slide. If it is desired to insert a new cigarette into the holder, the slide 46 is raised by movement of the knob 72 downwardly. During this movement of the knob 72, it engages and moves the knob 86 for swinging the lever 81 into obstructing relation with the choker lever, for disengaging the choker and holding the choker in disengaged position. The fresh roll of tobacco is thereupon inserted endwise between the jaws from the outside toward the inside of the holder, ejecting the butt from the holder into the housing and ash receiver, the fresh roll of tobacco being inserted to sufficient and desired distance, preferably permitting only a slight portion of the outer end of the same to protrude from the jaws. The knob 72 is thereupon released for permitting clamping of the jaws upon the fresh article to be smoked.

The roll of tobacco is thereupon lit while in the holder by inserting the flame or light through the upper opening.

A receptacle 91 for the ashes, butts and match ends is provided under the housing. The bottom 92 thereof is shown of arcuate form in cross-section and as slanting downwardly from front to rear of the receptacle. It has a rear end wall 93, in which there is an opening 94, closed by a door 95. The receptacle is hinged to the housing by a hinge 96, the butts 97, 98, of which are respectively secured to the rear wall of the housing and of the ash receiver. The door is also hinged, a third butt 99 of the hinge being secured to the door, and all of the butts of the hinges are pivoted about the pintle 100 of the hinge. A spring 101, the respective ends of which are received against the butts 97, 99, normally holds the door closed. The door is provided with a knob 102 for readily opening the same, if it is desired to empty the ash receiver.

The ash receiver is normally held in closed position upon the housing by a latch 105 pivoted to the receptacle on a pin 106 and engaging a keeper 107 on the housing, a spring 108 normally urging the latch into engagement with the keeper, and the latch having an arm 109 which extends through a slot 110 in the forward end wall of the receptacle, by means of which the latch may be operated from the outside of the receptacle.

A plate 111 is located between the bottom of the housing and the top of the ash receiver, its margin being let into a rabbet 112 around the margin of an opening 114 at the top of the ash receiver. This plate is provided with an opening 115 extending lengthwise of the housing and having slantingly depending walls 116 forming recesses 117 between the edges of said margins and the upper end of

the ash receiver for retaining the contents of the ash receiver and preventing spilling thereof through the opening 23 if the device should be tilted during use.

A handle is provided for the device so that the same may be held by the user. Such a handle is shown at 121 and comprises a ring 122 at the side of the closure. It may be formed up out of a stiff metal strip 123 and be provided with a soft covering 124. The inner end of the handle is provided with a latch portion 125, comprising upwardly extending reversely bent walls, which normally spread apart and are received in sockets of socket pieces 126 at the respective sides of the device, the walls of the socket pressing said upturned strips of the handle toward each other so that the handle frictionally holds the device. The outer wall of the socket is received in a recess 127 formed in the latch. The handle is removable and other forms of handles may be employed.

Exemplifying the holding of the device and viewing Figs. 1 and 2, the first finger of the left hand of the user may be passed into the ring 122, with the end of the finger toward the mouth end of the device. This will permit the second and third fingers of the user to rest in the cavities 128, 129, formed in the shank of the holder and by its connection with the ash receiver. This places the holder in convenient position for smoking use, as the movement of the left hand of the user toward his mouth naturally passes the mouth end of the roll of tobacco toward his mouth. The device rests on the back of the hand.

If the holder is placed on the other side of the device, the parts are arranged for most convenient use of the device by the user when employing his right hand, the positions of the fingers being correspondingly the same, and the use and convenience thereof being correspondingly the same as when the user uses his left hand in manipulating the device. In either case the fingers of the user are free for any other use desired, as in the handling of papers, books, cards, records and things used in games, and objects of various kinds, and maintains the roll of tobacco in convenient position for smoking, causes the deposit of all ashes, butts, matches and the like in the ash receptacle, and prevents the accidental spilling thereof, while at the same time the proper burning of the roll of tobacco is maintained, and the aroma thereof permitted to escape from the housing so as to give the user the benefit of the same.

My improved device enables the cleanly use of cigarettes, cigars and the like; prevents the undesirable spilling or spreading of ashes and butts; and avoids the danger of fire.

Having thus fully described my invention,

what I claim as new, and desire to secure by Letters Patent, is:

1. In a device of the character described, the combination of a housing for the roll of tobacco, said housing having foraminous side, an open top and a front wall, a holder on said front wall for the roll, and a choker at the inner end of said holder arranged to act on the roll of tobacco to extinguish the fire thereof.

2. In a device of the character described, the combination of a housing for a roll of tobacco, said housing having foraminous side, an open top and a front wall, a clamp on said front wall for said roll, said clamp comprising sectors about said roll, a manual operating means for causing separation between said sectors, resilient means for causing approach between said sectors, a choker at the inner end of said clamp arranged to act on the roll for extinguishing the fire thereof, and manual operating means for said choker, said two-named manual operating means being so related as to cause operation of said second-named manual operating means for retracting said choker by manual movement of said first-named manual operating means to release said clamp.

3. In a device of the character described, the combination of a housing for a roll of tobacco, said housing comprising a head, a slide thereon, a mouth piece comprising sectors respectively on said head and on said slide, releasable connecting means between said respective sectors and said head and said slide respectively, a spring acting on said slide for causing approach between said sectors, and a manual means having connection with said slide for moving said sector of the mouth piece thereon from the sector of said mouth piece on said head.

4. In a device of the character described, the combination of a housing for a roll of tobacco of the character described, a head for said housing having a front wall bulged outwardly in the direction of the length of said housing and forming an inner cavity, a slide on said head, a mouth piece comprising sectors respectively on said head and on said slide, a spring normally moving said slide with its sector toward the sector on said head, an operating lever for said slide pivoted to said head, a choker for the roll of tobacco, and a choker lever pivoted to said head, said levers having forwardly projecting portions extending into said cavity for locating the operated ends thereof in adjacency to the inner ends of said sectors, which inner ends are adjacent to the inner face of said outwardly bulged wall, and operating parts for said levers outside said head.

5. In a device of the character described, the combination of a housing for receiving a roll of tobacco such as a cigarette, cigar or the like, said housing having a foraminous

side wall, an open top, an open bottom and a forwardly extending front wall, a holder for the mouth end of said roll of tobacco in said front wall, an ash receiver under said housing having pivotal connection with said housing and having an open top registering with said open bottom of said housing, a handle, and releasable connecting means between said handle and the respective sides of said connected housing and ash receiver.

6. In a device of the character described, the combination of a housing for receiving a roll of tobacco such as a cigarette, cigar or the like, said housing having a foraminous side wall, an open top, an open bottom and a forwardly extending front wall, a holder for the mouth end of said roll of tobacco in said front wall, an ash receiver under said housing having pivotal connection with said housing and having an open top registering with said open bottom of said housing, a handle, and means connecting said handle with said connected housing and ash receiver for locating said handle at the side thereof, said handle comprising a loop for receiving a finger of the user lengthwise of said housing, and said handle having an inwardly indented recess at the side of said loop for receiving another finger of the user lengthwise of said housing.

In testimony whereof, I have hereunto signed my name.

GLEN R. FOOTE.