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2,392,650

COMBINATION CIGARETTE HOLDER AND ASH TRAY

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Fig. 1

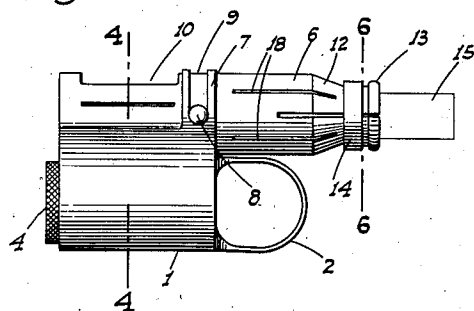


Fig. 2

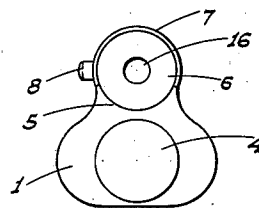


Fig. 3

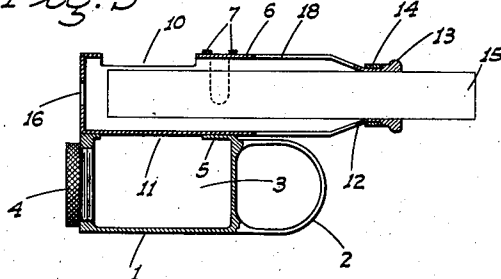


Fig. 4

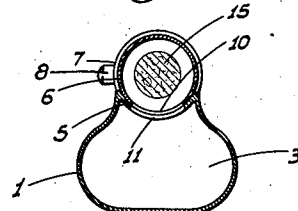


Fig. 5

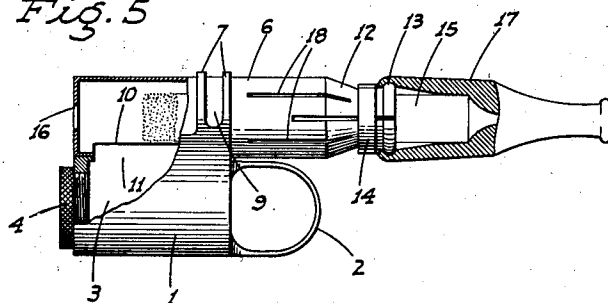


Fig. 6

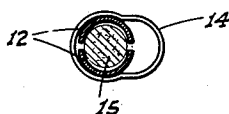
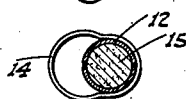


Fig. 7



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COMBINATION CIGARETTE HOLDER AND
ASH TRAY

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11 Claims. (Cl. 131—175)

This invention relates in general to a combination cigarette holder and ash tray, and in particular the invention is directed to, and it is an object to provide a device of this character which is small in size, compact, and adapted to be hand supported.

An additional object of this invention is to provide a hand supported combination cigarette holder and ash tray which includes a tubular cigarette holder adapted to surround all of the cigarette except the mouth engaging end thereof, whereby to provide a shield which permits the cigarette to be smoked without live ashes dropping onto clothing, furniture, etc., the device including a normally closed ash tray into which ashes from the cigarette holder may be deposited by an easy manipulation of such holder.

A further object of the invention is to provide a hand supported combination cigarette holder and ash tray which is especially useful for smoking outdoors or by persons in motor vehicles, the cigarette in the holder being shielded from the wind, and the ashes in the tray being retained against scattering. Also, the full use of both hands is always available for other purposes while the holder is in supported position.

A further object of the invention is to produce a simple and inexpensive device and yet one which will be exceedingly effective for the purpose for which it is designed.

These objects I accomplish by means of such structure and relative arrangement of parts as will fully appear by a perusal of the following specification and claims.

In the drawing similar characters of reference indicate corresponding parts in the several views:

Figure 1 is a side elevation of the device.

Figure 2 is a front end view of the device.

Figure 3 is a longitudinal sectional elevation showing the cigarette holder in normal position.

Figure 4 is a cross section on line 4—4 of Fig. 1, but with the holder in discharge position.

Figure 5 is a side elevation, partly broken away and partly in section, showing the cigarette holder in ash discharging position, the cigarette holder here including a mouth piece.

Figure 6 is a cross section on line 6—6 of Fig. 1, showing the cigarette clamping ring in released position.

Figure 7 is a similar view but shows said ring in operative or clamping position.

Referring now more particularly to the characters of reference on the drawing, the device comprises a relatively small somewhat elongated body 1 having a finger engaging part-ring or

loop 2 projecting from the inner end thereof, said loop being adapted to engage one of the smoker's fingers much the same as a ring, with the body 1 then projecting beyond in overhanging relation to adjacent fingers. The body 1 is hollow so as to form an ash receiving chamber 3 adapted to be emptied through an opening in the outer end of said body normally closed by a removable screw plug 4.

On top the body 1 is formed with a longitudinally extending cradle 5 in which the forward end portion of a combination tubular cigarette holder and shield 6 is seated in turnable relation. Such tubular holder and shield is held in the cradle in turnable but axially immovable relation by a surrounding strap 7 secured to the body 1, there being a pin 8 on the holder riding in a circumferential slot 9 in said strap. The pin projects outward for finger manipulation for the reason hereinafter stated.

Above the chamber 3 the holder 6 includes a longitudinally extending opening 10 which is normally uppermost, but adapted to register with a matching port 11 in the bottom of the cradle 5 when said holder is rotated 180° from said normal position.

The holder 6 projects lengthwise some distance beyond the inner end of body 1, and said holder is formed at its outer end with a reduced diameter, longitudinally split neck 12 including an end bead 13. A key-hole shaped clamping ring 14 surrounds the neck 12 back of the bead and is arranged to shift from a relative free position on said neck (Fig. 6) to a position clamping and reducing the diameter of said neck (Fig. 7).

In use of the device a cigarette 15 is inserted into the holder 6 through the neck 12, and then the ring 14 is shifted from an initially free to clamped position frictionally engaging the cigarette in said neck. The cigarette is lighted at its inner end by inserting a match through an end opening 16 in the outer end of the holder 6 and which end is otherwise closed. The mouth engaging end of the cigarette projects beyond the neck for access, and if desired a mouthpiece 17 may be engaged with the bead 13 of the holder and in surrounding relation to the initially projecting portion of the cigarette.

The opening 10 is normally on top of the holder, and this opening together with air access slits 18 assure sufficient air in the holder to support combustion.

Ashes from the cigarette fall initially into the holder 6, and at any desired time are discharged

into chamber 3 by turning the holder 6 until opening 10 registers with port 11; the holder being so rotated by manipulation of pin 8. The holder, after deposit of ashes in chamber 3, is returned to normal position with opening 10 on top; chamber 3 being then substantially airtight.

Removal of plug 4 permits accumulated ashes to be dumped out of chamber 3 for disposal.

From the foregoing description it will be readily seen that I have produced such a device as substantially fulfills the objects of the invention as set forth herein.

While this specification sets forth in detail the present and preferred construction of the device, still in practice such deviations from such detail may be resorted to as do not form a departure from the spirit of the invention, as defined by the appended claims.

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

1. A combination cigarette holder and ash receiver, comprising a hollow body adapted to be hand-supported and forming an ash receiving chamber, a tubular cigarette holder adapted to support and surround a cigarette except at the mouth engaging end of the latter, and means rotatably mounting the holder in connection with the body with a forward portion of the holder positioned in close relation to the top portion of the body, the holder having a normally top opening at said forward portion, and the body having a port in the top in position to register with said top opening upon predetermined rotation of the holder.

2. A combination cigarette holder and ash receiver, comprising a hollow body adapted to be hand-supported and forming an ash receiving chamber, a tubular cigarette holder adapted to support and surround a cigarette except at the mouth engaging end of the latter, and means rotatably mounting the holder in connection with the body with a forward portion of the holder positioned in close relation to the top portion of the body, the holder having a normally top opening at said forward portion, and the body having a port in the top in position to register with said top opening upon predetermined rotation of the holder; there being a finger engaging loop projecting from the body with the loop axis extending crosswise of the tubular holder.

3. A device as in claim 1 in which the rear end portion of the holder is formed as a reduced diameter split neck; and a key-hole shaped clamping ring surrounding said neck and adapted for movement between a released position and a position clamping said neck into frictional engagement with a cigarette in the holder.

4. A combination cigarette holder and ash receiver, comprising a hollow body adapted to be hand-supported and forming an ash receiving chamber, a tubular cigarette holder adapted to support and surround a cigarette except at the mouth engaging end of the latter, and means rotatably mounting the holder in connection with the body with a forward portion of the holder positioned in close relation to the top portion of the body, the holder having a normally top opening at said forward portion, and the body having

a port in the top in position to register with said top opening upon predetermined rotation of the holder; the other end of the holder projecting some distance beyond the body.

5. A device as in claim 4 in which said other end of the holder is formed as a reduced diameter neck adapted to frictionally engage the cigarette adjacent said mouth engaging end thereof.

6. A device as in claim 4 in which said other end of the holder is formed as a reduced diameter neck adapted to frictionally engage the cigarette adjacent said mouth engaging end thereof, and a mouthpiece fitted in connection with said neck and removably surrounding said end of the cigarette.

7. A combination cigarette holder and ash receiver, comprising a hollow body adapted to be hand-supported and forming an ash receiving chamber, a tubular cigarette holder adapted to support and surround a cigarette except at the mouth engaging end of the latter, the body having a longitudinally extending upwardly facing cradle therein, the forward portion of the tubular holder rotatably seating in the cradle, and means to prevent escape of the holder from the cradle and to prevent relative axial movement, the holder having a normally top opening at said forward portion, and the cradle having a port therein open to said chamber in position to register with said top opening upon predetermined rotation of the holder.

8. A combination cigarette holder and ash receiver, comprising a hollow body adapted to be hand-supported and forming an ash receiving chamber, a tubular cigarette holder adapted to support and surround a cigarette except at the mouth engaging end of the latter, the body having a longitudinally extending upwardly facing cradle therein, the forward portion of the tubular holder rotatably seating in the cradle, and means to prevent escape of the holder from the cradle and to prevent relative axial movement, the holder having a normally top opening at said forward portion, and the cradle having a port therein open to said chamber in position to register with said top opening upon predetermined rotation of the holder; said last named means comprising a longitudinally slotted strap engaging over the holder from opposite sides of the cradle, and a pin on the holder riding in the slot.

9. A device as in claim 8 in which the pin projects beyond the slot for finger engagement.

10. A combination cigarette holder and ash receiver, comprising a hollow body adapted to be hand-supported and forming an ash receiving chamber, a tubular cigarette holder adapted to support and surround a cigarette except at the mouth engaging end of the latter, and means mounting the body and holder in unitary relation; the holder being rotatable and there being means to discharge ashes from the holder into the body chamber upon predetermined rotation of said holder.

11. A device as in claim 10 in which the body includes an ash discharge opening, and a removable screw plug normally closing said opening.

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