Oct. 27, 1936. G. A. MOUNTJOY 2,059,137

COMBINED ASHTRAY AND EXTINGUISHER

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Fig. 1.

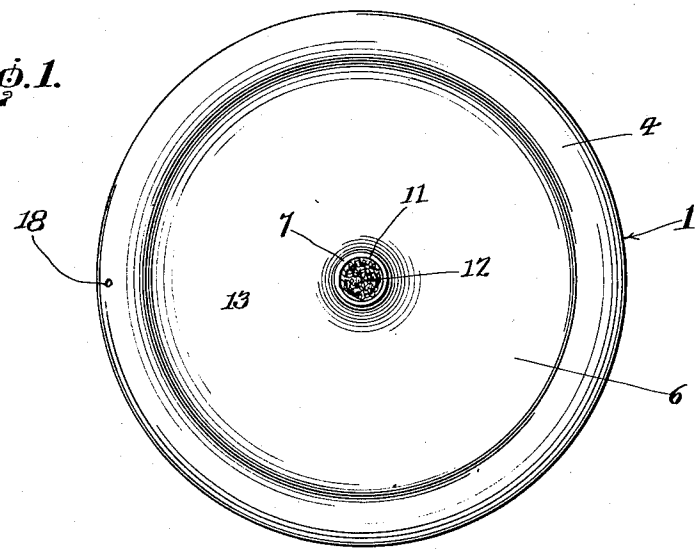
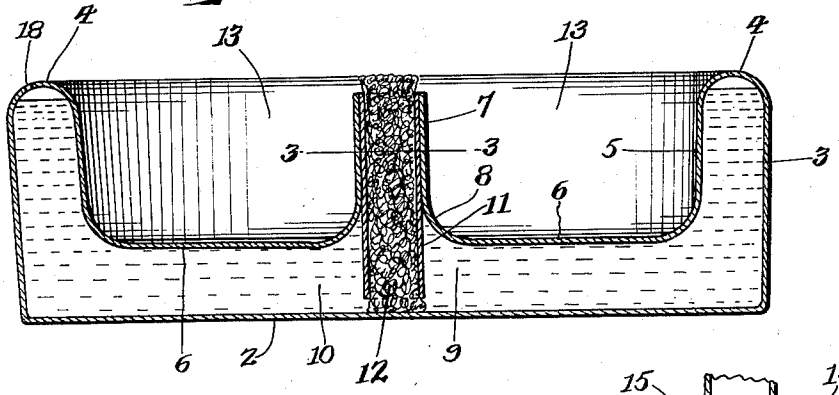


Fig. 2.



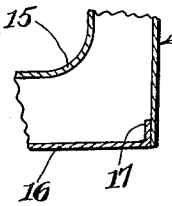


Fig. 4.

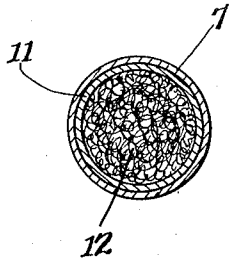


Fig. 3.

Inventor

Golda A. Mountjoy

By Geo. P. Kimmel

Attorney

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COMBINED ASHTRAY AND EXTINGUISHER

Golda A. Mountjoy, Natural Bridge, Ky.

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5 Claims. (Cl. 131—51)

This invention relates to a combined ash tray and extinguisher for the use of smokers and has for its object to provide, in a manner as hereinafter set forth, a device of the class referred to providing a receptacle for receiving cigar and cigarette ashes, as well as offering a convenient means for extinguishing a cigar or cigarette when desired.

A further object of the invention is to provide, in a manner as hereinafter set forth, a device of the class referred to including means in association with a body of water which may be conveniently employed in the extinguishing of a cigar or cigarette without spilling the water.

A further object of the invention is to provide, in a manner as hereinafter set forth, a device of the class referred to including a wick and a water reservoir, the wick being supplied with water from the reservoir by capillary attraction and acting as an odorless means for extinguishing a cigar or cigarette when occasion requires.

A further object of the invention is to provide, in a manner as hereinafter set forth, a device of the class referred to including an easy refillable water reservoir free of ashes and practically sealed.

A further object of the invention is to provide, in a manner as hereinafter set forth, a device of the class referred to possessing great accessibility for depositing ashes therein and for extinguishing cigars and cigarettes when desired.

Further objects of the invention are to provide, in a manner as hereinafter set forth, a device for the purpose set forth which is simple in its construction and arrangement, strong, durable, compact, portable, thoroughy efficient in the use intended thereby, convenient in its use, pleasing in appearance, enabling greater cleanliness as the device is out in the open, adaptable for home, office and vehicle use and inexpensive to manufacture.

To the above ends essentially, and to others which may hereinafter appear, the invention consists of the novel construction, combination and arrangement of parts as will be more specifically referred to and are as illustrated in the accompanying drawing wherein is shown embodiments of the invention, but it is to be understood that changes, variations and modifications may be resorted to which fall within the scope of the invention as claimed.

The body of the device may be constructed from any suitable non-metallic material or any suitable metallic material possessing a non-rusting characteristic. When formed of non-metallic material is will be molded. When constructed from metallic material it will be stamped in two sections to be subsequently secured together by a seal tight joint.

In the drawing:

Figure 1 is a top plan view of the device,

Figure 2 is a cross sectional view of the device when the body of the latter is molded,

Figure 3 is a section on line 3—3, Figure 2, and

Figure 4 is a fragmentary view in section illustrating the body of the device formed of a pair of stamped out metallic sections secured together.

The device, with reference to Figure 1, includes a container body 1 preferably of circular contour, but it is to be understood that body 1 may be of any desirable contour. The body 1 includes a flat bottom portion 2, an annular side portion 3, a top portion formed of a circular upper part 4 of convex cross section, a flat annular lower part 5 and an upstanding annular intermediate part 6. The body 1 also includes an axially arranged upstanding tubular stem 7 formed with a tapered lower portion 8 merging at its lower end into the inner side of the lower part 5 of the top. The bottom 2 merges into the lower end of the side portion 3. The upper end of the side portion 3 merges into the lower end of the outer portion of the upper part 4 of the top. The upper end of the intermediate part 6 of the top merges into the lower end of the inner side portion of the upper part 4 of the top. The lower end of the intermediate part 6 of the top merges into the outer side edge of the lower part 5 of the top. The intermediate part 6 of the top is of less height than, opposes and is spaced from the side portion 3. The lower part 5 of the top opposes and is spaced from the bottom portion 2. The upper end of stem 7 is arranged below the upper part 4 of the top. The stem 7 is open at its upper and lower ends.

The bottom portion 2, side portion 3 and parts 4, 5 and 6 of the top coact to provide a reservoir 9 for a body of water 10. The stem 7 constitutes a positioning element for a vertically disposed tube 11 which functions as a combined intake and outlet for the reservoir 9, as well as a holder for a wick 12. The tube 11 is secured to the inner face of and is of greater length than the stem 7. The upper end of tube 11 is flush with the upper end of stem 7. The tube 11 is formed of any suitable material and depends with relation to the portion 6 to a point in close proximity to the upper face of bottom portion 2. The wick 12 is of greater length than and extends above and

depends from the tube 11. The wick 12 abuts the upper face of bottom portion 2.

The parts 4, 5 and 6 of the top portion form an open top tray, receiver or chamber 13 for the ashes, having an axially arranged vertically disposed abutment against which the ashes on the cigar or cigarette may be wiped to provide for the removing of the ashes for depositing in the tray or chamber 13. The abutment is provided by the stem 7. The points of mergence of the parts 4, 5 and 6 of the top portion and the point of mergence of the part 6 with the lower end of stem 6 are rounded thereby forming the wall of the receiver, tray or chamber 13 with rounded corners to facilitate the dumping of the ashes therefrom.

The wick 12, in connection with the water in the reservoir, coacts to provide an extinguishing means for the lighted cigar or cigarette. The wick, in connection with the tube, also provides a substantial seal for the reservoir acting to prevent a rapid discharge of the water if the device should be accidentally upset. The device includes but one replaceable part and that is the wick. An expeditious refilling of the reservoir with water may be had on the removal of the wick.

With reference to Figure 4, the body of the device is indicated at 14 and is of the stamped out type. The body 14 includes an upper section 15 which is to correspond in structure to the side and top portions of the body 1. The body 14 also includes a flat lower section 16 formed with an upstanding flange 17. The section 16 will provide the bottom of body 14. The flange 17 of section 16 is secured to the inner face of the lower end of section 15 in a seal tight manner.

The upper part 4 of the top portion of the container body is formed with a port 18 to provide an air vent for reservoir 9.

What I claim is:

1. A device for the purpose set forth comprising a structure including a bottom portion, a side portion extending upwardly from said bottom portion and a top portion formed of a horizontally disposed upper part, a flat axially apertured lower part and an upstanding intermediate part, and a tubular upstanding stem, said upper part merging into the upper end of said side portion and intermediate part, said lower part merging into the lower end of said intermediate part, the lower end of said stem merging into the wall of the aperture in said lower part, said intermediate and lower parts being spaced respectively from said side and bottom portions, said top, side and bottom portions coacting to provide a water reservoir into which said stem opens, said top portion forming an open top ash receiver having an axially arranged upstanding abutment provided by said stem, a tube within and anchored to said stem, and a wick within and extending above the tube, depending into said reservoir and providing for conducting water from the reservoir to extinguish a lighted cigar or cigarette.

2. The invention as set forth in claim 1 having the tube depending below the stem to a point in proximity to said bottom portion and with the upper end of the tube flush with the upper end of the stem, said stem and tube having their upper ends positioned below the upper part of said top portion, and said wick extended above the upper end and depending below the lower end of the tube to engage said bottom portion.

3. In a device for the purpose set forth, a structure provided with means to constitute a chamber forming a water reservoir, a receiver having a central opening and having its side walls surrounded by and merging with the side walls of the chamber and surrounded by said chamber, said receiver having its walls defining the central opening adapted to retain a wick holder, and an open top and bottom wick holder extending through said central opening into said chamber.

4. In a device for the purpose set forth, a structure provided with means to constitute a chamber forming a water reservoir, a receiver having a central opening and having its side walls surrounded by and merging with the side walls of the chamber and surrounded by said chamber, said receiver having its walls defining the central opening adapted to retain a wick holder, an open top and bottom wick holder extending through said central opening into said chamber, and a wick positioned in and extending above and depending below said holder.

5. In a device for the purpose set forth, a structure provided with means to constitute a chamber forming a water reservoir, a receiver having an opening and side walls, said side walls being suspended from and surrounded by the side walls of said chamber, said receiver being surrounded by said chamber and having its walls defining said opening adapted to retain a wick holder, and an open top and bottom wick holder extending through said opening into said chamber.

GOLDA A. MOUNTJOY.