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2,563,750

ASH RECEIVER

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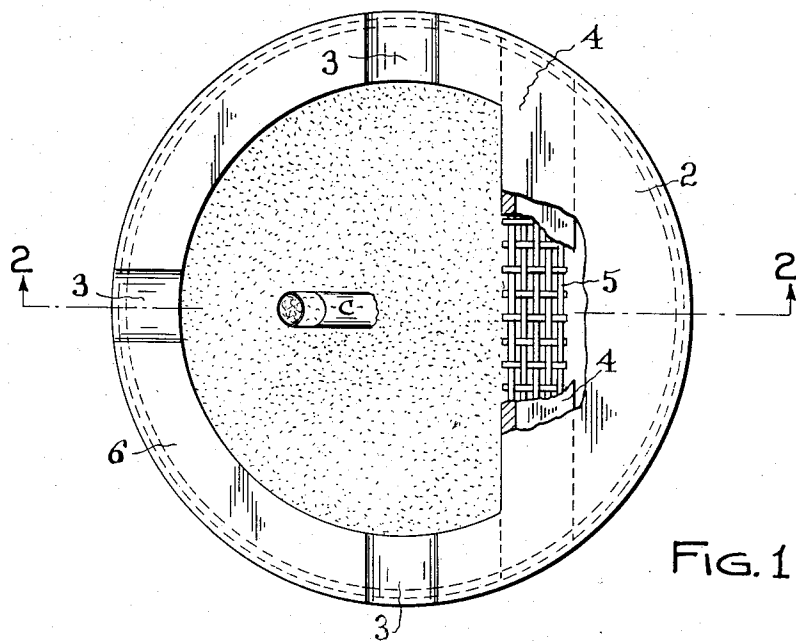


FIG. 1

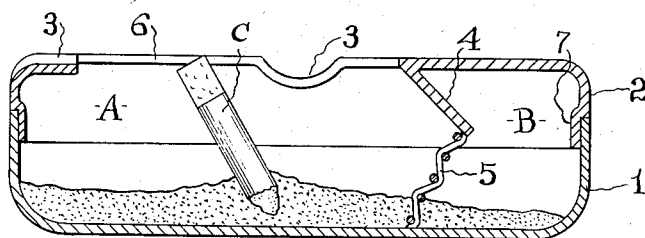


FIG. 2

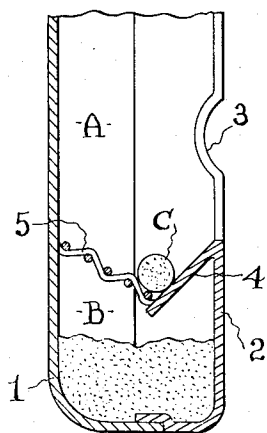


FIG. 3

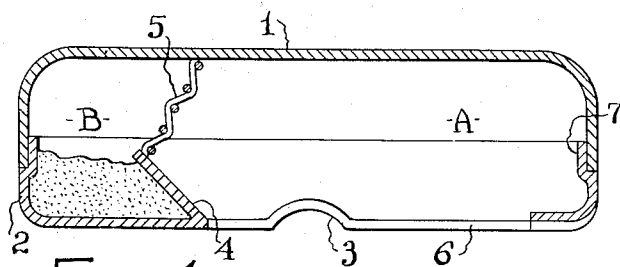


FIG. 4

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ASH RECEIVER

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1 Claim. (Cl. 131-235)

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This invention relates to an ash receiver or tray which is particularly designed and arranged so as to be operative to extinguish the fire from a lighted cigarette or cigar or the ashes from a pipe. The ash receiver is preferably made in two parts and may have any desired shape or contour. Heretofore ash receivers have been employed to receive and retain ash butts or leavings of a cigar or cigarette or pipe that are deposited in the ash receiver which contains a rather thin layer of sand or the like, but no means are provided for separating the debris or ashes from the extinguishing medium without dismantling. My invention contemplates the provision of means for separating the debris from the sand or extinguishing medium and permitting the re-use of the flame extinguishing medium in a receptacle which requires no dismantling.

The main object of the invention is to provide an ash receiver adapted to contain a suitable fire extinguishing medium such as sand or salt which will serve to extinguish any lighted butts or burning ashes of a cigar or cigarette.

Another object of the invention is to provide an ash receiver which is divided into two compartments by a screen or like filtering medium so that the ashes, butts and other debris may be dumped from the ash receiver without losing the fire extinguishing medium.

A further object of the invention is to provide an ash receiver which comprises essentially a vessel having an open upper end adapted to receive therein the ashes or butts of a cigar or cigarette and which fall or are deposited in a thin layer of sand or salt contained in the lower part of the ash receiver.

Further and more limited objects of the invention will appear as the description proceeds and by reference to the accompanying drawings in which

Fig. 1 is a top plan view of my improved ash receiver with a portion broken away;

Fig. 2 is a vertical sectional view on the line 2-2 of Fig. 1;

Fig. 3 is a view of the ash receiver tipped about 90° and showing the fire extinguishing medium in the lower part of the receiver; and

Fig. 4 is a vertical sectional view showing the position of the ash receiver when it is tipped to a position to dump the ashes or debris while retaining the sand or other fire extinguishing medium.

My improved ash receiver comprises a lower part 1 which may be formed of any suitable material and which is preferably circular in shape.

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Fitting into the lower part 1 is a top or cover 2 which is shaped to provide several recesses 3 in which a cigar or cigarette may be left. One side of the top part of the ash receiver has a portion thereof bent over inwardly at an angle indicated at 4 in Fig. 2. Secured to the part 4 and projecting downwardly at an angle is a screen 5 which may be formed of any suitable material and which abuts the bottom of the ash receiver. This screening device divides the ash receiver into a compartment A and a compartment B and the lower part of the ash receiver is partially filled to about the level shown in Fig. 2 with a material such as sand or salt which will serve to extinguish the fire on the end of a cigar or cigarette. The top part of the ash receiver is bent over to about two-thirds of its periphery to provide a flange 6 which receives the recesses 3 therein.

When a smoker has smoked a cigarette down to about the length shown in Fig. 2, the cigarette C is deposited into the upper end of the ash receiver so that the burning end thereof is disposed within the sand. This serves to promptly extinguish the fire. When a number of cigarettes have been inserted into the ash receiver and it is desired to dump the same, the receiver is tipped to the position shown in Fig. 3. The sand or other granular material flows through the screen while the cigar or cigarette butts are left within the chamber A. The ash receiver is then tipped to the position shown in Fig. 4 whereupon the butts and other debris drop out of the ash receiver. The upper portion of the ash receiver has thereon a circular flange 7 which frictionally engages within the inner portion of the lower part of the ash receiver.

Should it be desired to clean or remove the fire extinguishing medium, the top of the ash receiver may be removed and the entire container cleaned and the sand or salt filtered and re-used. The particular form of screen may of course be changed as any partition which will serve as a filter or screen is satisfactory. If desired, the dividing partition or screen may be secured either to the lower part or to the upper part of the ash receiver. The ash receiver also may be made of any suitable material and of any desired shape. A material should be chosen which does not rapidly conduct heat or the bottom of the receiver should have a pad thereunder.

It will now be clear that I have provided an ash receiver which will accomplish the objects of the invention as hereinbefore stated. Many different forms suggest themselves but the form of

the invention herein disclosed is to be considered merely as illustrative and not in a limiting sense as the invention is limited only in accordance with the scope of the appended claim.

Having thus described my invention, what I claim is:

An ash tray comprising a container portion adapted to contain a granular flame extinguishing material, having a bottom and a continuous side wall, a horizontally extending top portion having a downwardly extending portion merging into and constituting an extension of the continuous side wall, said top portion having an opening adapted to pass smokers' debris and a downwardly extending flange from the edge of said opening, said flange extending towards said bottom and side wall, and a foraminous member secured to the lower edge of said flange and positioned in abutting relation with the bottom, whereby, upon inversion of the device, smokers' debris will be retained by said foraminous mem-

ber and may be removed by gravity from the tray and the granular material will be retained by the horizontally extending top portion and the downwardly extending flange of said top portion.

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