

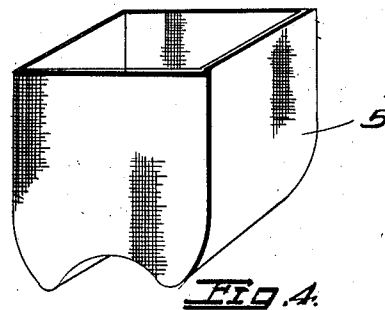
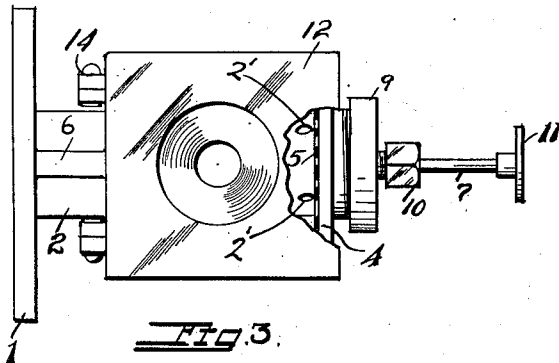
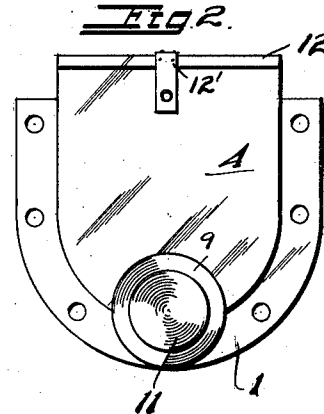
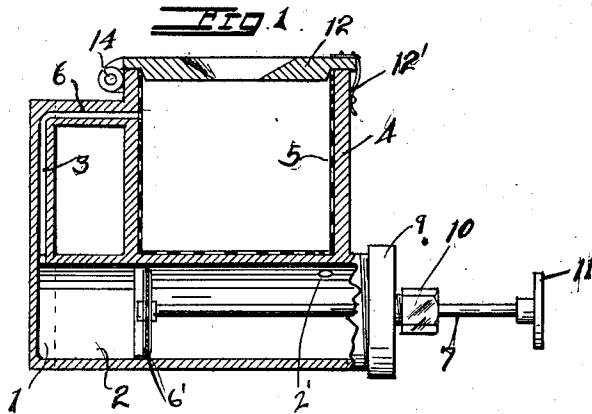
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F. W. GUY

FIRE EXTINGUISHING TRAY FOR CIGAR AND CIGARETTE ASHES

Filed June 8, 1925



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FIRE-EXTINGUISHING TRAY FOR CIGAR AND CIGARETTE ASHES.

Application filed June 8, 1925. Serial No. 35,507.

This invention relates to a fire extinguishing ash tray for cigar and cigarette ashes, and its object is to provide means whereby a tray for receiving cigar stubs, cigarette stubs and cigar and cigarette ashes may be secured on an automobile within convenient reach of the driver to allow him to drop the ashes or stubs into the tray and then extinguish the fire thereon, water being used for the latter purpose.

Another object of the invention is to provide means whereby the water may be accumulated in a cylinder below the ash tray when the ashes have been once wet to prevent the loss of water by evaporation whereby a sufficient supply is kept on hand for use at all times.

It will be clear to those familiar with the art that the tray may be used on a table or any other place where it may be desirable; its principal object being to prevent the promiscuous throwing around of cigar and cigarette butts.

Other objects of the invention will appear as the description proceeds.

An embodiment of the invention is shown in the accompanying drawings in which the same reference numeral is applied to the same portion throughout, but I am aware that there may be modifications thereof.

Fig. 1 is a vertical sectional view through the tray and water cylinder.

Fig. 2 is a view of the front of the tray looking toward the board or support to which the tray is to be secured.

Fig. 3 is a plan view of the tray as shown in Fig. 1.

Fig. 4 is a perspective view of the wire screen used to hold the ashes and cigar and cigarette butts.

The tray has a flange 1 with a plurality of holes therein for securing it to any suitable support. In addition the flange 1 has the water cylinder 2, an air tube 3 connected therewith, over the water cylinder there is the receptacle 4 for the screen 5. There are two holes 2' from the receptacle 4 into the cylinder 2, which permit the water to pass into the receptacle 4 and to pass out of the same whenever desired, and to allow the plunger to operate, the passageway 3 allows the air to pass into and out of

the cylinder 2 whenever the plunger 6' is operated.

The tube 3 is also connected by means of a tube 6 with the interior of the receptacle for the basket screen 5, so that as the plunger 6' is worked back and forth in the cylinder 2 by its handle 7, the water contained within the cylinder will be worked up into said basket and receptacle to wet ashes or cigar or cigarette stubs thrown therein.

The cylinder 2 has a cover 9 which may be provided with a suitable packing gland cap 10 connected therewith to pack the piston rod 7, the latter being worked by means of a thumb plate 11.

The top of the receptacle has a cover 12, with a central hole therein. Said cover is hinged at 14 to the back of the receptacle 4, and it has a latch 12' secured thereto to hold the cover shut.

The operation of the apparatus is as follows:

Assuming the receptacle is placed in a suitable location, the user will knock off the end of a cigar, or the end of a cigarette into the hole of the cover 12, as soon as he does this he can put the fire out by pulling out on the plunger rod 7, this will cause the water within the receptacle 2 to flow upwardly through the holes 2' and wet the ashes in the wire screen basket 5, and when so wet the fire will be sure to be put out.

When the ashes have been once wet the water contained within the receptacle may be drawn down into the water cylinder 2 by pushing the plunger 6' back to the end of the cylinder and be ready for use repeatedly and thus avoid the frequent changing of water.

What I claim is as follows, but various modifications may be made in the construction shown in the drawings and above particularly described form, within the purview of my invention.

1. A fire extinguishing tray for smokers comprising a water storage cylinder, a piston in said cylinder, an ash receptacle, a screen lining for said receptacle, an opening from the bottom of said receptacle into one end of said cylinder, an air passage from the opposite end of said cylinder to the upper part of said ash receptacle, means

to operate said piston to force water into, said ash receptacle at will.

2. A fire extinguishing tray for cigar and cigarette ashes comprising a water storage cylinder, and an ash receptacle in one piece, having a port leading from said cylinder to the upper part of said ash receptacle, a head on said cylinder, a piston in said cylinder, a piston rod extending through a packing box in said cylinder head, an opening from the ash receptacle to the cylinder, and a hinged cover for said ash receptacle. 10

In testimony whereof I have hereunto set my hand this 1st day of June A. D., 1925.

FORBES WRIGDON GUY.