

UNITED STATES PATENT OFFICE.

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ASH TRAY.

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The invention relates to ash trays or receivers for the convenience of smokers and has for its object the provision of an ash tray particularly adapted for use by cigarette smokers and provided with relatively long and deep grooves for the reception of a cigarette or the like and restricted in width inwardly of the tray so that the lighted end of the cigarette will be closely confined between the walls of the groove and its base to cut off the air at the bottom and the sides of the lighted end of the cigarette to extinguish it should the cigarette remain in the groove so that danger of the lighted end extending inwardly of the tray burning down so that the outer end of the cigarette would fall out of the tray and thus damage table linen or the furniture on which the tray is supported.

A further object of the invention is the provision of an ash tray having relatively wide walls and inwardly extending projections from the wall, the grooves hereinbefore referred to being cut in the projections and the contiguous parts of the walls, the inwardly extending projections forming with the adjacent portions of the walls recesses to receive the lighted ends of cigarettes to choke them when it is desired to extinguish the cigarettes.

The invention will be described in detail hereinafter and will be found illustrated in the accompanying drawings in which

Figure 1 is a top plan view of the improved ash tray,

Figure 2 is a side view in elevation, and

Figure 3 a transverse sectional view on a plane indicated by the line 3—3 of Figure 1.

In the drawings similar reference characters will be used to designate corresponding parts throughout the several views.

The improved ash tray comprises a dish 1 having a receptacle 2 and with relatively thick side wall 3. Extending inwardly of the side wall 3 are projections 4 that form with the adjacent portions of the side wall 3 acute angular recesses 5 that are adapted to

be used for choking the lighted ends of cigarettes when it is desired to extinguish them.

The upper edges of the projections 4 are inclined downwardly toward the center of the ash tray 1 as shown at 6, and the projections 4 and the contiguous portions of the wall 3 are provided with relatively deep grooves 7 forming rests for lighted cigarettes. The side walls 8 of grooves 7 converge horizontally toward one another toward the inner portion of the tray and are arranged sufficiently close to one another at their inner ends to closely engage or pinch the lighted end of a cigarette or the like so as to substantially prevent air getting to the under portion of the lighted end of the cigarette and thereby extinguish the cigarette should it be allowed to remain in the groove and thereby prevent any possibility of the burning end of the cigarette continuing to consume until the end projecting outside of the wall will overweight the lighted end as frequently happens with ash trays now in use, so that the unlighted end of the cigarette will fall outwardly of the dish and thereby burn the piece of furniture on which the tray is seated or any covering for the furniture.

The invention is particularly adapted for use in dining rooms of hotels, public restaurants, and the like to prevent injury to table napery by careless diners leaving lighted cigarettes in ash trays.

9 indicates the usual protuberance to receive and hold a box of matches.

What is claimed is:—

An ash tray comprising a hollow dish having a relatively thick marginal side wall, projections extending inwardly from said wall, grooves provided through said wall and projections, said grooves decreasing in width inwardly, and the inner portions of the projections being cut away downwardly and inwardly.

In testimony hereof I affix my signature.
BERNARD J. HOOS.