SIDE APPLIED ASHTRAY AND GLASS HOLDER ACCESSORY FOR SLOT AND ELECTRONIC GAMES MACHINES

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ABSTRACT

A side applied ashtray and glass holder accessory for slot and electronic game machines, comprised by a framework attached to a side of the machine, that upholds by a bored horizontal plane a glass holder and ashtray. The glass holder is a dismountable container of variable depth and diameter, which diameter is adjusted to the diameter of the respective boring that the framework has in its horizontal plane. The ashtray consists of a dismountable butt deposit of variable perimeter, shape and depth that is inserted in the other boring that the framework has in its horizontal plane. At the same time, the ashtray itself is inserted in the mouth of the butt deposit, said ashtray having a perimeter and shape that coincides with the perimeter and shape of the butt deposit. The bottom surface of the ashtray comprises a boring and a pendent to allow the ash and butts to shift towards the deposit thereof. A second embodiment of similar configuration only comprises the ashtray.
SIDE APPLIED ASHTRAY AND GLASS HOLDER ACCESSORY FOR SLOT AND ELECTRONIC GAMES MACHINES

TECHNICAL FIELD OF THE INVENTION

This invention refers to side applied ashtray and glass holder accessory for slot and electronic games machines, by which an ashtray and glass holder can be attached to the machines without compromising its functioning, increasing peoples comfort when using said machines.

PRIOR ART AND PROBLEMS TO OVERCOME

Up to now no accessories are known that solve the problem faced in casinos and game halls, wherein the users of slot or electronic games machines usually have drinks and smoke cigarettes whilst playing. The problem arises as no space or surface is provided by said machines to place glasses or ashtrays. At most, in some casinos upright ashtrays are provided placed between some slot machines, but not at all of them, which does not solve the basic problem as regards cigarettes. The problem of glasses or wine glasses have not even been taken into account in prior art, for which reason the user must play with one hand and hold his wine glass with the other.

From the above, the need then arises from prior art to count with an accessory that unifies these two elements (beverage and cigarettes) and is adapted to be applied to these types of machines, of common use in casinos and electronic games halls.

OBJECT OF THE INVENTION

The object of the invention is to supply slot and electronic games machines with ashtrays and glass holders, indispensable elements to achieve the players total comfort.

This is achieved by coupling a framework having dual contact adhesive surfaces to the side of machines that works as a container for the glass holder and ashtray elements.

On the horizontal surface of the framework there are two cavities disposed in parallel direction to the side of the machine. The front cavity lodges the ashtray elements, the back cavity itself conforms the glass holder.

The glass holder is an element integrated in the framework itself. It is formed from a circular boring on the horizontal surface of the framework, where the glass is introduced, which base leans on a radio-concentric type grating placed further below, conforming the support plane.

The ashtray is comprised of two elements: the cigarette butt deposit, which aim is to prolong the ashtrays cycles of use. The deposit exactly fits into the cavity disposed for the ashtray set. It is an receptacle open in the upper part, which depth is considerably greater than the depth of the ashtray. The cigarette butt deposit lodges an ashtray itself, which exactly fits the upper opening.

The ashtray itself, which object is to hold a cigarette, receiving ashes, allow to be put out and receive the butt; having a boring that encompasses the external side wall and part of the rear, that allows the waste to shift into the butt deposit.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 shows an upper view of the ashtray and glass holder accessory.

FIG. 2 is a front view thereof.

FIG. 3 shows a back view of the accessory before being attached, detailing the attachment surface and central boring.

FIG. 4 is exploded cross section of the ashtray.

FIG. 5 shows how the attached accessory looks on the side of a slot machine, from the front and side.

FIG. 6 is a side view of the side of the ashtray.

FIG. 7 shows a cross section of the accessory without the ashtray, shown in FIG. 4. Both FIGS. 4 and 7 can be read as an only exploded cross section.

FIG. 8 is a cross section at the height of the glass holder, detailing its internal structure.

FIG. 9 details a putting together sequence of the ashtray and glass holder accessory.

FIG. 10 shows an upper view of another embodiment including the ashtray only, without the glass holder.

FIG. 11 is a front view of the alternative embodiment.

FIG. 12 details a back view of the accessory of the alternative embodiment, before being placed, detailing attachment surface and central boring.

FIG. 13 shows a exploded cross section of the ashtray of the alternative embodiment.

FIG. 14 details how the alternative embodiment looks attached to the side of the slot machine, viewed from the front and side.

FIG. 15 is a cross section of the alternative embodiment accessory without the ashtray, shown in FIG. 13. Both FIGS. 13 and 15 could be read as an only exploded cross section.

FIG. 16 shows a side view of the alternative embodiment accessory.

FIG. 17 details a putting together sequence of the ashtray alternative embodiment accessory.

DETAILED DESCRIPTION OF THE INVENTION

The accessory in the preferred embodiment comprises four basic elements:

Framework (a)
Ashtray itself (b)
Butt deposit (c)
Glass holder (d)

Framework (a)

This part provides the volumetric configuration to the accessory, as it is the wrap around of the set; its function is to contain the ashtray and glass holder set, attaching it to the electronic machine.
The framework (a) is attached to the side of the machine by two adhesive surfaces (a-1) provided with dual contact tape located on the internal rear wall, having a boring in its central surface.

The framework (a) contains two cavities in its horizontal surface, a front cavity (a-2) that lodges the ashtray elements and a rear cavity (a-3) that conforms the glass holder herein.

Cavity (a-2) of irregular plane to lodge the ashtray has on its perimeter a sunken surface (a-2-1) defining the butt deposit (c) support.

A notch in the upper part (am) of the front face, continuation of the notch of the ashtray (b) and the butt deposit (c), conform together with these the cigarette support channel, to hold it stable.

Ashtray itself (b)

It is a receptacle open at its upper part, to allow the cigarette to be held, receive ash, and allow putting it out and receiving the cigarette butt. This element is inserted by a simple support, in the butt deposit (c) which intrados is perfectly adapted to its extrados.

Having a rim (b1) on all the perimeter of its upper part, which lower face forms the support surface on the upper part of the butt deposit (c), the upper face of this rim (b1) defines the upper finish of the ashtray set.

A notch in the upper part of the front face (bm), continuation of the notch of the framework and butt deposit, conform together with these the cigarette support channel to hold it stable.

The ashtray has a boring (b2) that encompasses part of the bottom and of its external sidewall to allow the butts and ash to be shifted into the butt deposit.

The bottom (b3) of the ashtray has a slight inclination with a pendant towards the external side, to facilitate shifting of butts and ash towards the butt deposit (c).

The bottom (b3) surface has ribs (b3-a), in a normal direction to the sides, which object is to facilitate putting the cigarette out, without obstructing shifting thereof and ash into the butt deposit (c), ps Butt deposit (c)

It is a receptacle opened at its upper part, with vertical development considerably greater than the vertical of the ashtray itself (b), to prolong the use cycle of the ashtray, providing it with greater capacity to store ash and butts.

This element is inserted, by a simple support in the framework (a).

The butt deposit (c) has a rim (c1) on all the upper part which lower face defines its support surface on the sunken surface of the framework (a-2-1), for that end.

The upper face of said rim (c1) conforms the support surface of the ashtray itself (b).

A notch (cm) in the upper part of the front face, continuation of notches (am) and (bm) that the framework (a) has and the ashtray itself (b), conform together with these the cigarette support channel to hold it stable.

Glass holder (d)

The glass holder is generated from a boring (d1) of circular plane practiced on the horizontal surface of the framework (a), from which it is held by four connective vertical bars (d2) jointly to a support plane (d3) of the glass formed by a grill of three concentric rings.

The external ring has a diameter coinciding with that of the boring (d1), said three concentric rings being connective with each other by four horizontal bars (d2-c), continuation of the vertical bars (d2), disposed as crosses, centred to the axis of the concentric rings of the support plane (d3).

In FIGS. 10 to 17, an alternative embodiment may be appreciated of the present accessory that only holds the ashtray, omitting the glass holder. In this alternative embodiment the component parts are described with identical references as those in the preferred embodiment, maintaining the basic configuration of the invention adapted to an only element instead of two.

The accessory described herein, considered as a complementary element for slot and electronic games machines, may be manufactured from a variety of materials, as long as they are not combustible. A convenient material could be melamine, which is light and can be easily folded.

When putting into practice side applied ashtray and glass holder accessory for slot and electronic games machines exemplified and described, modifications and/or different embodiments could be introduced, all of which should be considered as comprised within the protection scope of the present invention; the scope of which is basically determined by the text of the claims that follow.

1. Side applied ashtray and glass holder for slot and electronic games machines, characterized in comprising four basic components: a framework (a), an ashtray itself (b), a cigarette butt deposit (c) and a glass holder (d); the framework (a) comprising two adhesive surfaces (a-1) located on its back internal wall, this has a boring in its central surface, two cavities on its horizontal surface, a front cavity (a-2) that lodges the ashtray elements, a rear cavity (a-3) that conforms the glass holder (d) herein; the ashtray itself (b) comprising a receptacle open in its upper part that is inserted in the butts deposit (c), in which intrados is perfectly adapted to its extrados, said butt deposit (c) also constitutes a receptacle open in its upper part, but of vertical development considerably greater than the vertical development of the ashtray itself (b), which is inserted in the framework (a); said glass holder (d) comprising a boring (d1) in the horizontal surface of the framework (a), from which it is held by connective vertical bars (d2) jointly to a support plane (d3) of the glass.

2. Accessory according to claim 1, characterized in that the two adhesive surfaces (a-1) located in the back internal wall of the framework (a) comprise dual contact adhesive tape.

3. Accessory according to claim 1, characterized in that the cavity (a-2) of the framework (a) for lodging the ashtray elements, comprises on its perimeter a sunken surface (a-2-1) defining the butt deposit (c) support, which has a rim (c1) on all the perimeter of its upper part which lower face defines the support surface thereof on said sunken surface (a-2-1) of the framework; furthermore, the ashtray itself (b) comprises a rim (b1) on all the perimeter of its upper part,
which lower face forms the support surface on the rim (c1) of the butt deposit (c), the upper surface of this rim (b1) defines the upper finishing of the ashtray set.

4. Accessory according to claim 3, characterized in comprising a support channel for a cigarette, conformed by three aligned notches: the framework notch (am), the ashtray itself notch (bm) and the butt deposit notch (cm).

5. Accessory according to claim 3, characterized in that the ashtray (b) has a boring (b2) that encompasses the bottom part and of its external side wall, to allow the butts and ash to be shifted into the butt deposit; the bottom surface (b3) of the ashtray has a slight inclination with a pendent towards the external side and also has ribs (b3-n).

6. Side applied accessory ashtray for slot and electronic games machines, characterized in comprising three basic components: a framework (a), an ashtray itself (b) and a cigarette butt deposit (c); the framework (a) comprising two adhesive surfaces (a-1) located on its back internal wall, this has a boring in its central surface, while the horizontal surface comprises a front cavity (a-2) that lodges the ashtray element; the ashtray itself (b) comprising a receptacle open in its upper part that is inserted in the butt deposit (c), which intrados is perfectly adapted to its extrados, said butt deposit (c) also constitutes a receptacle open in its upper part, but of vertical development considerably greater than the vertical development of the ashtray itself (b), which is inserted in the framework (a).

7. Accessory according to claim 6, characterized in that the two auto adhesive surfaces (a-1) located on the internal back wall of the framework (a) comprise dual contact adhesive tape.

8. Accessory according to claim 6, characterized in that the cavity (a-2) of the framework (a) for lodging the ashtray elements, comprises on its perimeter a sunken surface (a-2-1) defining the butt deposit (c) support, which has a rim (c1) on all the perimeter of its upper part which lower face defines the support surface thereof on said sunken surface of the framework (a-2-1); furthermore, the ashtray itself (b) comprises a rim (b1) on all the perimeter of its upper part, which lower face forms the support surface on the rim (c1) of the butt deposit (c), the upper face of this rim (b1) defines the upper finish of the ashtray set.

9. Accessory according to claim 8, characterized in comprising a support channel for a cigarette, conformed by three aligned notches: the framework notch (am), the ashtray itself notch (bm) and the butt deposit notch (cm).

10. Accessory according to claim 8, characterized in that the ashtray (b) has a boring (b2) that encompasses the bottom part and of its external side wall, to allow the butts and ash to shift into the butt deposit; the bottom surface (b3) of the ashtray has a slight inclination with a pendent towards the external side and also has ribs (b3-n).

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