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G. POULAS

1,977,326

FRAUD PREVENTATIVE DEVICE FOR SLOT MACHINES

Filed Sept. 28, 1933

FIG. 1

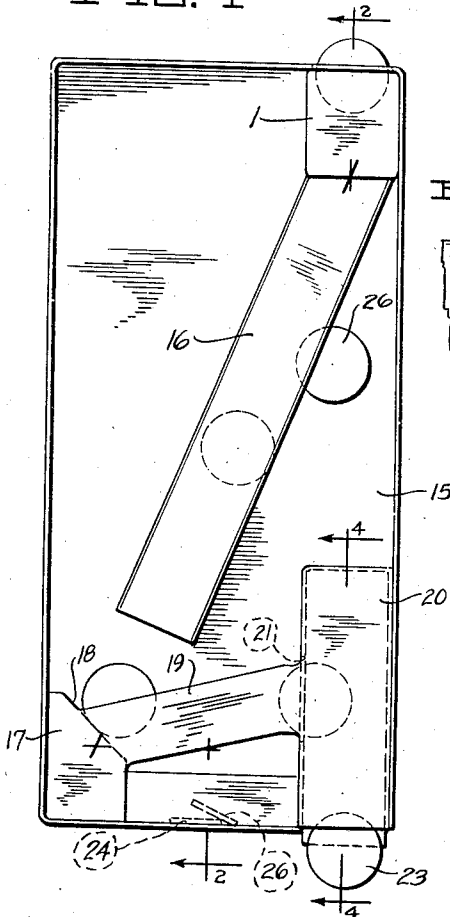


FIG. 2

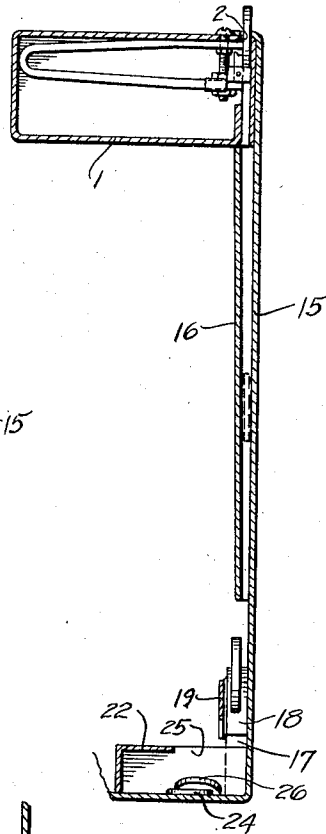


FIG. 3

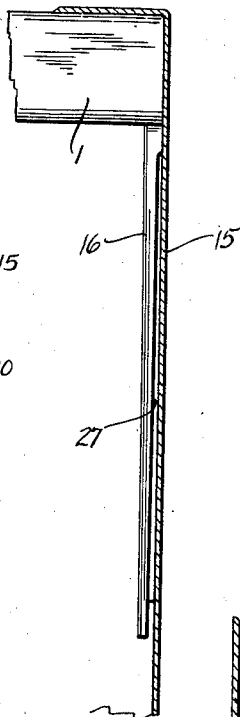


FIG. 5

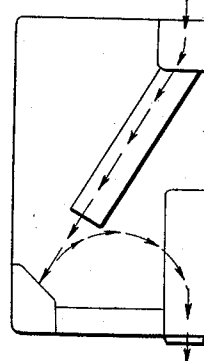


FIG. 6

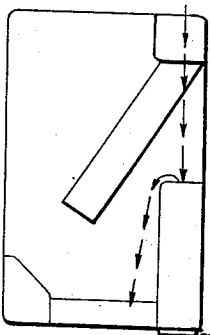


FIG. 7

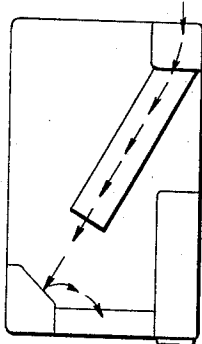
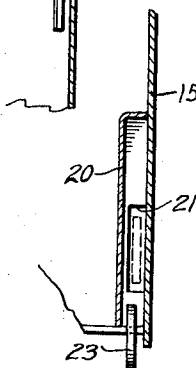


FIG. 4



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1,977,326

FRAUD PREVENTATIVE DEVICE FOR SLOT MACHINES

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2 Claims. (Cl. 194—99)

This invention relates to an improvement in fraud preventative devices over my previous Patent No. 1,919,478, in that it also eliminates non-magnetic slugs of any kind, such as lead, zinc, or the like.

It is a known fact that non-magnetic metal is soft and lifeless and without a springiness or resiliency which is found in the magnetic metals such as steel, iron or the like.

1) The principal object of the present invention is to prevent the passage through a machine of the non-magnetic slugs, and which is clearly shown in the following specification and its accompanying illustrations, in which:

15 Fig. 1 is an elevation of the device which illustrates the coin movements for different types of coin and slugs.

Fig. 2 is a section taken on line 2—2 of Fig. 1.

Fig. 3 is a partial section with the coin slide 20 in elevation.

Fig. 4 is a section taken on line 4—4 of Fig. 1.

Fig. 5 is a diagram showing the line of the coin.

Fig. 6 is a diagram showing the line of the slugs made of zinc, lead or the like, which are thin 25 and fall through the slot in the coin slide.

Fig. 7 is a diagram showing the line of the slugs as they follow the coin slide and drop in the slug pocket.

Referring to the drawing:

30 The magnet box 1 illustrated and described in my Patent No. 1,919,478, is mounted within an open casing 15 in the upper corner as shown in Fig. 1; directly below and at an angle is mounted a coin slide 16. Also mounted within said casing 15, in the lower corner opposite to that in which is mounted the box 1 is a metallic block 17 of 35 hard metal with an angular face 18. A guide 19 joins the metallic block 17 and the coin dispensing slide 20 mounted in the opposite lower corner, at an angle. The slotted aperture 21 in the side of the coin dispensing slide 20 is slightly 40 above the angular face 18 of the metallic block 17. A slug pocket 22 is mounted in the casing 15 between the metallic block 17 and the coin dispensing slide 20.

45 In operation the device functions as follows: A coin 23 placed in slot 2 passes past the mechanism in box 1 and enters the coin slide 16, through which the coin passes at such speed that it hits the angular face 18 of the metallic block 17 and springs upward from the said angular face 18 behind the guide 19 in an arc that brings the said coin within the slotted aperture 21 and through the coin dispensing slide 20, as shown in 55 Fig. 5.

A slug 24 made of non-magnetic metal such as lead, zinc or the like being of a soft metal and lifeless in character, does not possess the springiness or resiliency of the hard metal coin 23. Therefore, though it may be of weight, size and thickness of a good coin, when it reaches the angular face 18 of the metallic block 17 the slug 24 does not spring up as does the good coin, but drops down through an opening 25 in slug pocket 22, as shown diagrammatically in Fig. 7.

A thin slug 26 will not reach the angular face 18 of the metallic block 17, but will drop through the slot 27 in the coin slide 16, rebound from the surface of the coin dispensing slide 20 and drop within the slug pocket 22.

It will thus be seen that I have provided a device which will not only prevent the insertion of a magnetic slug into a slot machine as described in my prior patent, but will also prevent the operation of a machine by a non-magnetic slug.

I claim:

1. The combination of an angular casing having a coin slot in one upper corner thereof, a bouncing block in a diagonally opposite lower corner thereof, a coin delivery chute in the other lower corner thereof, said chute having a closed top and an opening in the side toward the block, a coin slide extending at an inclination downwardly from the coin slot toward the block, the slide having a slit in the lower edge thereof in line vertically with the top of the chute, whereby thin coins or the like will drop through the slit onto the top of the chute, and a cross guide extending from the block to the opening in the side of the chute.

2. The combination stated in claim 1, one wall of the casing forming one side wall of the slide and of the chute.

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