

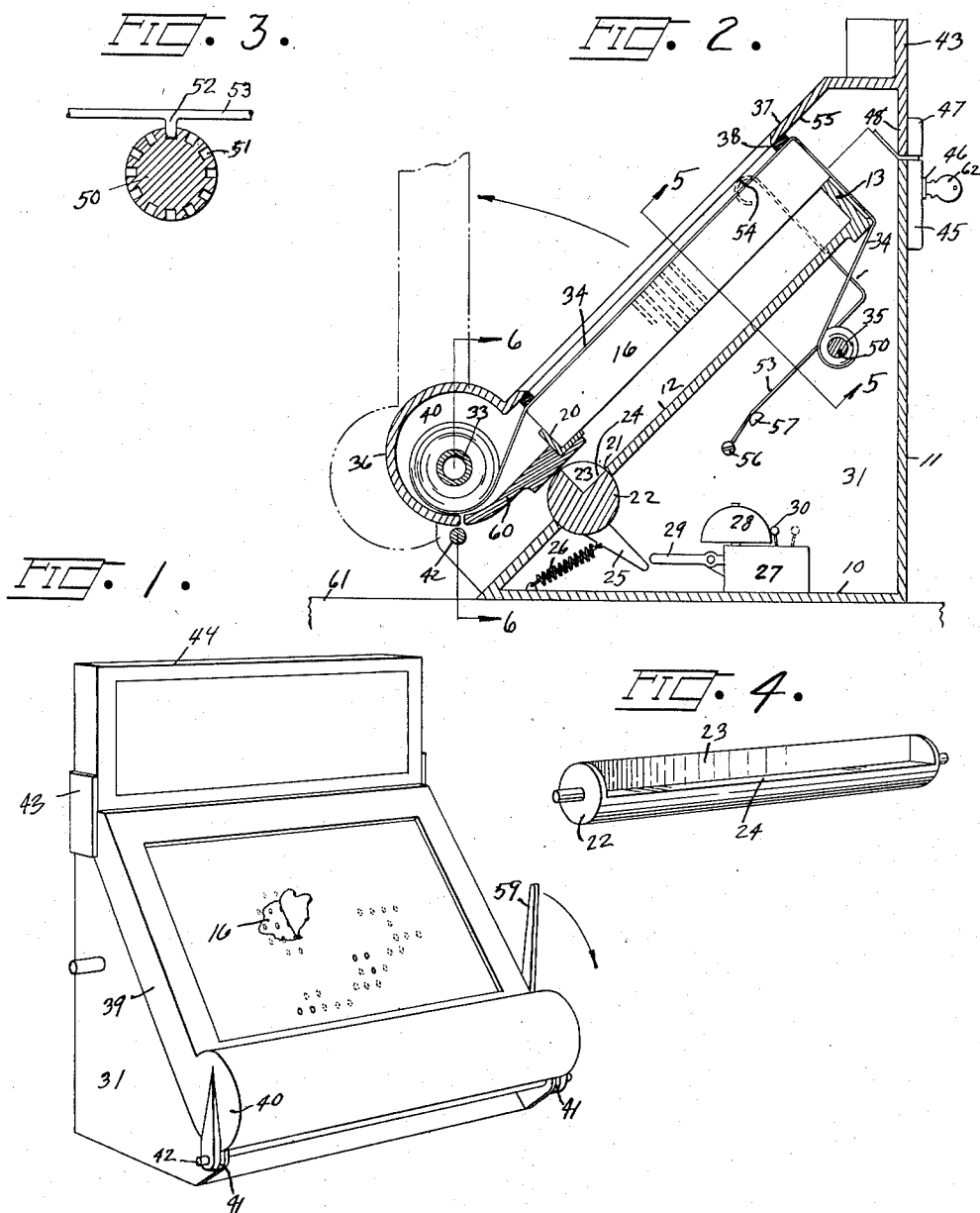
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HOLDER FOR PUNCHBOARDS

2,569,860

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2 Sheets-Sheet 1



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FIG. 5.

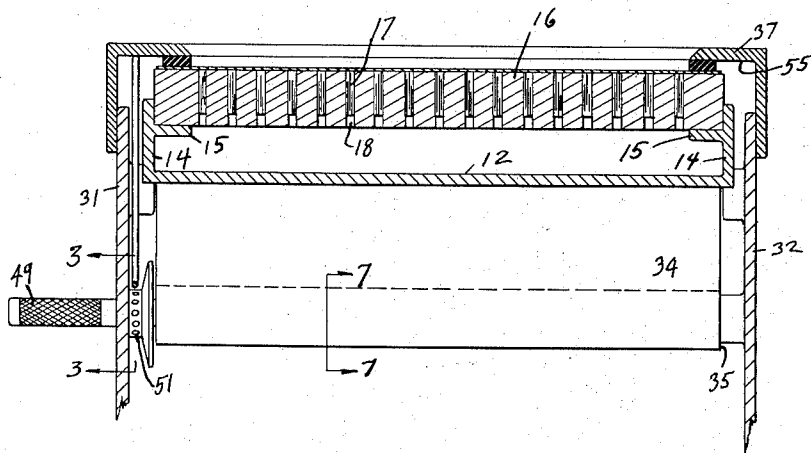


FIG. 6.

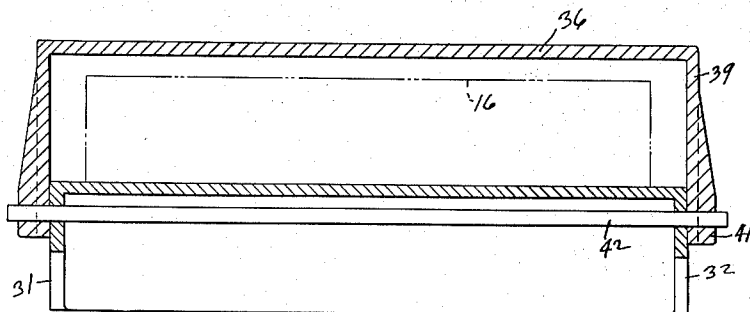


FIG. 8.

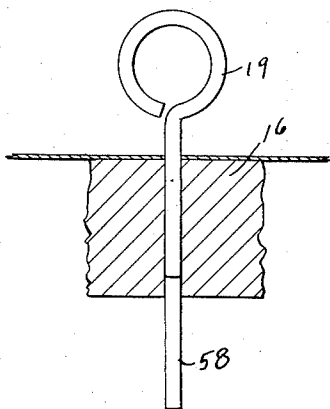


FIG. 7.

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HOLDER FOR PUNCHBOARDS

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2 Claims. (Cl. 273-139)

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This invention relates generally to games and particularly to a holder for punchboards.

The main object of this invention is to provide an improved form of holder in which a registration is made of the punchings and in which there is an audible indication of the release or discharge of the punching at the end of a period of play.

The second object is to construct a holder in which the unfair operation of the board is discouraged.

The third object is to construct a holder of the class described especially adapting itself to the use of plastics in the construction thereof.

I accomplish these and other objects in the manner set forth in the following specification as illustrated in the accompanying drawings, in which:

Fig. 1 is a perspective view of the holder.

Fig. 2 is a vertical section through the holder.

Fig. 3 is a section taken along the line 3-3 in Fig. 5.

Fig. 4 is a perspective view of the holder for the punchings.

Fig. 5 is a fragmentary section taken along the line 5-5 in Fig. 2.

Fig. 6 is a vertical section taken along the line 6-6 in Fig. 2.

Fig. 7 is a transverse section taken along the line 7-7 in Fig. 5.

Fig. 8 is a fragmentary section through a punchboard showing the punch passing through the registering set into the board and ejecting the punch therefrom.

Similar numbers of reference refer to the same or similar parts throughout the several views.

Referring in detail to the drawing, there is shown a base 10, from which arises the back 11 and the inclined front 12, provided along its upper edge with a wall 13 which extends to the sides 14 which carry the shelves 15, upon which the board 16 rests.

The board 16 is of the common punchboard variety having the punch-outs 17 folded up and stored within the openings 18, from which it can be punched by means of a key or wire 19. The board 16 is prevented from sliding down the members 15 by the ledge 20 at the lower end thereof.

Within the front 12 is formed an opening 21, in which is mounted the cylindrical gate 22 having a small square pocket 23 formed therein. The pocket 23 has its side 24 somewhat below the outermost face of the front 12.

The member 22 has projecting therefrom an

arm 25 which is urged downwardly by a spring 26 between the arm 25 and the base 10. On the base 10 is mounted a bell base 27 which supports a bell 28 and a trip lever 29 which is in the path of the arm 25. The lever 29 is the actuator for the hammer 30 which strikes the bell 28 when the lever 29 is moved by the arm 25. Such devices are in common use and require no further explanation here. Supporting the front 12 are the side walls 31 and 32, between which is mounted a roller 33 which carries a web of transparent paper 34 which can be moved across the face of the board 16 by means of a winding roller 35 which journals between the walls 31 and 32.

A guard 36 is placed over the roll of webbing 34 and terminates in a frame 37 which is spaced from the webbing 34 directly over the punchboard 16 by means of a resilient rectangular pad 38. The frame 37 has the downwardly extending sides 39 whose lower ends 40 serve as closures for the guard 36. The ends 40 have the downwardly extending ears 41, through which extends a horizontal pin 42 which passes through the side walls 31 and 32 and serves as a hinge pin for the entire frame 37.

The upper end of the frame 37 has the upwardly extending flange 43 which is used to support the display element 44.

On the back 11 is secured a hasp 45 of a lock 46 whose striker plate 47 is attached to the lower end 48 of the flange 43.

In Fig. 5 is shown the position of the winding roller 35, which is actuated from the knurled handle 49.

The shaft 50 of the roller 35 is provided with a plurality of index holes 51 which engage the index point 52 of a spring 53, whose up-turned end 54 engages the underside 55 of the frame 37. The spring 53 is anchored by the screw 56 and bears against the stop 57 disposed on the side 31.

The operation of the device is as follows, assuming that the parts are in place as shown in Fig. 2 and it is desired to operate the board. The player punches through the paper web 34 by means of the punch 19, pushing the punch-out 58 through as shown in Fig. 8. These fall upon the sloping front 12 into the pocket 23 until the play ceases. The player then operates the hand lever 59 secured on the end of the gate 22, causing it to discharge the punchings 58 forwardly under the lip 60 on to the table 61.

The movement of the gate 22, however, has caused the arm 25 to sweep past the lever 29 and cause the bell 28 to be struck by the hammer 30,

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announcing to the proprietor or attendant that the play is over and that there must be an accounting for the play.

The attendant observes the number of holes punched in the web 34, which gives an accurate check on the number of punch-outs, thereby discouraging the tendency of dropping certain of the punch-outs when paying for the plays. It will be noted that while the frame 37 is in place, the index point 52 is occupying one of the holes 51 in the roller 35, preventing the rotation thereof.

The attendant therefore is forced to unlock the lock 46 by means of the key 62, making it possible to raise the frame 37 and permitting the spring 53 to withdraw the index point 52, thereby enabling the attendant to rotate the roller 35 and cause the perforated portion of the sheet 34 to roll past the holes in the punchboard. When the frame 37 is again locked, the roller 35 is also locked automatically.

It can be seen from the foregoing that it will be exceedingly difficult to play this machine without accounting to the operator for the correct number of plays made thereon.

I am aware that numerous forms of punchboard holders have been made in the past in which an alarm is given when the board is operated and it is, therefore, not my intention to cover alarm devices broadly, but it is my intention to cover such forms and modifications of this invention as fall fairly within the appendant claims.

I claim:

1. A punchboard housing comprising a pair of spaced vertical side walls, a sloping front forming a spacer for said side walls, shelves for supporting a punchboard over said front in spaced relation thereto, enabling pellets from said punchboard to fall on said front, a rectangular frame covering said front and extending around the top edges of the side walls, a tubular guard

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forming part of said frame and hinged to said side walls, a paper holding roller mounted in said guard, said paper holding roller having paper wound therearound a shaft journaled in said side walls below the upper end of said front, said shaft having index holes formed around one end thereof, a winding roller on said shaft, said paper being passed over the upper surface of the punchboard, around the upper end thereof, and around the winding roller a spring having one end attached to a side frame and having its opposite end engaging the under side of said frame, the middle portion of said spring having a point normally engaging an index hole in said winding shaft, when said frame is in a closed position and being disengaged by said spring when said frame is in a raised open position and a lock for holding said frame in a closed position.

2. The housing as described in claim 1, together with a gate within the lower portion of said sloping front controlling the discharge of pellets through said front, a spring for urging said gate toward a closed position, a hand lever for opening said gate, an arm projecting from said gate, and an alarm actuated by the movement of said arm.

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