Aug. 5, 1941. J. P. PACA 2,251,597

SUPPORT FOR COIN CONTROLLED MACHINES

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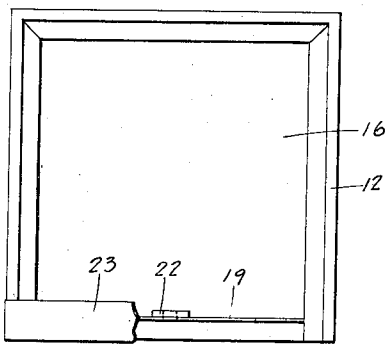


fig. 2.

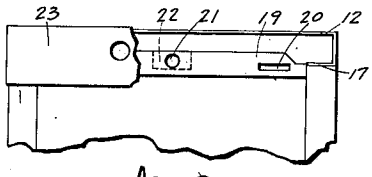


fig. 3.

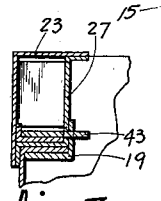


fig. 7.

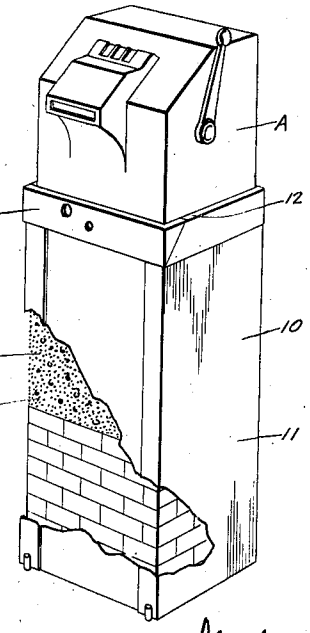


fig. 1.

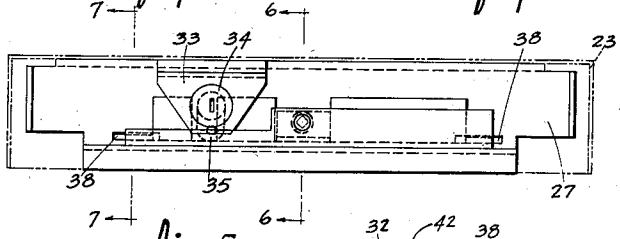


fig. 5.

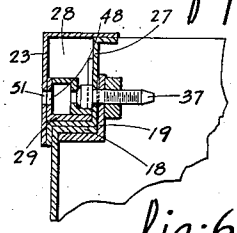


fig. 6.

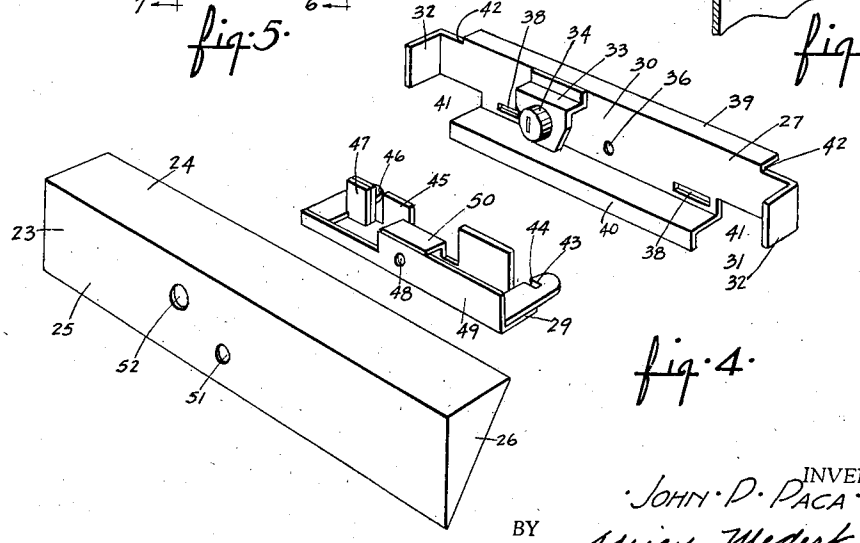


fig. 4.

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SUPPORT FOR COIN CONTROLLED MACHINES

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5 Claims. (Cl. 248—176)

This invention relates to supports and more particularly to a new and improved support for a coin controlled machine.

Heretofore, the various types of supports which have been provided for use with coin controlled machines embodied certain undesirable features, for example, supports which were proof against unauthorized removal of the machine were so constructed that the amount of time required in servicing the machines was exceeding great and rendered the cost thereof excessive. Similarly, supports wherein complicated locking mechanisms were employed to secure the machine to the support were likewise undesirable from a service cost standpoint, together with the increased manufacturing costs which were involved.

By the present invention, there is provided a new and improved support for a coin controlled machine which embodies all of the desirable features of prior supports without any of their attendant disadvantages. The support of the present invention is economical to manufacture and machines supported thereby can be easily and economically serviced.

Briefly, the support herein provided comprises a hollow base which can be filled with any suitable weighting material to preclude the ready and easy removal of the support from a particular location. Secured to the top edge portions of the base is a three-sided channel-shaped frame which is adapted to slidably receive the rectangular base of a machine and to overlap the edge portions thereof. A removable locking member serves to position and lock the base of the machine within the channel-shaped frame and to close the fourth side thereof.

Other objects and advantages of the invention, not at this time more particularly enumerated, will become more apparent as the nature of the invention is better understood from the following detailed description taken in conjunction with the accompanying drawing wherein similar reference characters denote corresponding parts and wherein:

Figure 1 is a perspective view, partly broken away, illustrating the support of the present invention with a coin controlled machine mounted thereon,

Figure 2 is a fragmentary top plan view of the support,

Figure 3 is a fragmentary front elevation of the support.

Figure 4 is an exploded perspective view of the locking member with the parts thereof suitably spaced apart for illustrative purposes,

Figure 5 is a front elevation of the locking member with the cover plate removed, and

Figures 6 and 7 are sectional views taken on the lines 6—6 and 7—7 respectively of Figure 5.

With reference to the drawing and particularly Figure 1, there is illustrated a support 10 constructed in accordance with the teachings of this invention and operatively associated with a coin controlled machine A. The support 10 includes a rectangular hollow base 11 having on the top thereof a three-sided channel-shaped frame 12 which slidably receives the edge portions of the rectangular base of the coin controlled machine A. A locking member 13 serves to close the fourth side of the frame and secure the machine to the support.

The hollow rectangular base 11 may be constructed in the usual manner of any suitable material, for example, sheets of steel welded or otherwise secured together. The base 11 is provided with a bottom (not shown) so as to form a chamber 14 into which heavy weighting material 15 such as bricks, gravel or the like, can be inserted through the open top 16 thereof. The weighting material is usually placed within the base after it has been positioned in a desired location, for when filled, the support is substantially anchored in that location due to its weight.

The upper edge portions of three sides of the base are inturned to form a flange or supporting surface 17 to which is welded or otherwise secured the three-sided channel-shaped frame 12. The channel faces inwardly and contitutes a guide-way into which the edge portions of the base of the machine may be slidably received when the machine is being mounted on the support. The upper edge of the fourth side of the base 11 is provided with an inturned flange 18 to which is secured an angulated keeper bar 19, the upstanding portion of which has elongated slots 20 extending therethrough. Intermediate the slots 20 is an opening 21 in alignment with which is a threaded block or nut 22 mounted on the rear face of the upstanding portion of the keeper member 19.

The locking member 13 which serves to close the fourth side of frame 12, includes an angulated cover member 23 having a top 24, front 25 and ends 26. An angular shaped rear member 27 cooperates with the cover 23 to form a chamber 28 for housing a reciprocating locking bar 29. The member 27 includes a rear wall 30, a bottom wall 31 and ends 32. A bracket 33

secured to the rear wall 30 is adapted to support a lock 34, having a depending cam element 35. An opening 36 in the wall 30 receives a threaded bolt 37. The wall 30 also is provided with slots 38 which are aligned with slots 20 in the keeper member 19. Flanges 39 and 40 are formed on the walls 30 and 31 respectively and are welded to the top 24 and front 25 respectively of the cover member 23, having equal space between the ends 32 of the member 27 and the ends 26 of the cover member 23. The cut-away portions, as at 41 and 42 adjacent each end of the member 27, together with the space between the ends 26 and 32, form a guide-way into which the free ends of the channel-shaped frame extend when the closure or locking member 13 is telescoped over the frame 12.

The locking bar 29 is substantially channel-shaped in form and is adapted to reciprocate within the chamber 28 formed by the member 27 and cover 23. Adjacent each end of the bar 29 are mounted catch members 43 having slots 44 therein. The wall 45 of the member 29 is cut away as at 46 to receive the depending cam 35 of the lock 34 and is reinforced at 47 to form an enlarged surface against which the cam operates. An opening 48 in the wall 49 of the locking bar 29 affords access to the head of the adjusting bolt 37. A reinforcing member 50 is provided to make the wall 49 more rigid and also to maintain the bolt 37 in operative position.

Opening 52 extending through wall 25 of the cover member 23 is provided to afford access to the lock 34. Another opening 51 in the same wall is provided giving access to bolt 37, as that opening and opening 21 in the keeper bar 19, opening 35 in wall 30, and opening 48 in the locking bar 29 are so arranged as to be in alignment when the locking bar 29 is in unlocked position.

The operation of the support is briefly as follows:

The support 10 is first positioned in a desired location and then the interior of the base is filled with any available weighting material such as bricks, gravel and the like. The base of a coin controlled machine A is then inserted within the channel-shaped frame 12. The locking or frame closing member 13 is telescoped over the free ends of the frame member 12 and a suitable tool is inserted through the openings 51 and 48 and actuated to draw the bolt 37 up tight. When the locking member is thus positioned, the catches 43 are extending through the slots 20 of the keeper plate 19. The tool is then withdrawn from the openings 51 and 46 and the lock 34 is actuated to cause the locking bar 29 to be shifted to the left as viewed in Figure 5. When the bar is so moved, the slots 44 of the catches 43 are caused to engage the upstanding wall of the keeper member 19. Simultaneously therewith, the opening 48 is moved out of registry with the opening 51.

Although the foregoing description is necessarily of a detailed character in order that the invention may be completely set forth, it is to be understood that the specific terminology is not intended to be restrictive or confusing, and that various rearrangements of parts and modifications of structural detail may be resorted to without departing from the scope or spirit of the invention as herein claimed.

I claim:

1. A support comprising a rectangular base, an inturned channel-shaped frame formed about three sides of the top of said base and adapted to receive the marginal edge portions of the base of a coin controlled machine, a keeper member positioned adjacent the top of the fourth side of said base, and means for closing the fourth side of said frame and fitting over the edge of the machine base, said means including a reciprocating locking bar having portions thereof inter-engaging with said keeper member to prevent the removal of said closure means.

2. A support comprising a hollow base having a rectangular supporting surface formed about the upper open end thereof, an inturned channel-shaped frame mounted on three sides of said supporting surface and adapted to receive the marginal edge portions of the base of a coin controlled machine, a keeper member positioned adjacent the open side of said frame, and means for closing the fourth side of said frame and fitting over the edge of the machine base, said means including a reciprocating locking bar having outwardly extending latch portions inter-engaging with said keeper member to prevent the removal of said closure means.

3. A support comprising a rectangular base, an inturned channel-shaped frame formed about three sides of the top of said base and adapted to receive the marginal edge portions of the base of a coin controlled machine, a keeper member positioned in the open side of said frame, and means for closing the fourth side of said frame and fitting over the edge portions of the machine base, said means including a screw engageable with said member and serving to telescope said closure means and said frame, and a reciprocating locking bar having horizontally extending latch portions adapted to engage with said keeper member to prevent the removal of said closure means.

4. A support comprising a rectangular base, an inturned channel-shaped frame formed about three sides of the top of said base and adapted to receive the marginal edge portions of the base of a coin controlled machine, a keeper member positioned adjacent the fourth side of the top of said base, and means for closing the fourth side of said frame and fitting over the edge portions of the machine base, said means including a screw engageable with said member and serving to telescope said closure means and said frame, and a reciprocating locking bar having horizontally extending latch portions engaging in slots formed in said member.

5. A support comprising a rectangular base, an inturned channel-shaped frame formed about three sides of the top of said base and adapted to receive the marginal edge portions of the base of a coin controlled machine, a keeper member positioned adjacent the fourth side of the top of said base, and means for closing the fourth side of said frame and fitting over the edge portions of the machine base, said means including a screw engageable with said member and serving to telescope said closure means and said frame, a reciprocating locking bar having horizontally extending latch portions engaging in slots formed in said keeper member, said locking bar having a portion thereof for precluding access to said screw when said latch portions are engaging said keeper member, and locking means for actuating said reciprocating locking bar.

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