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F. DAMIANO

2,581,004

COIN BANK

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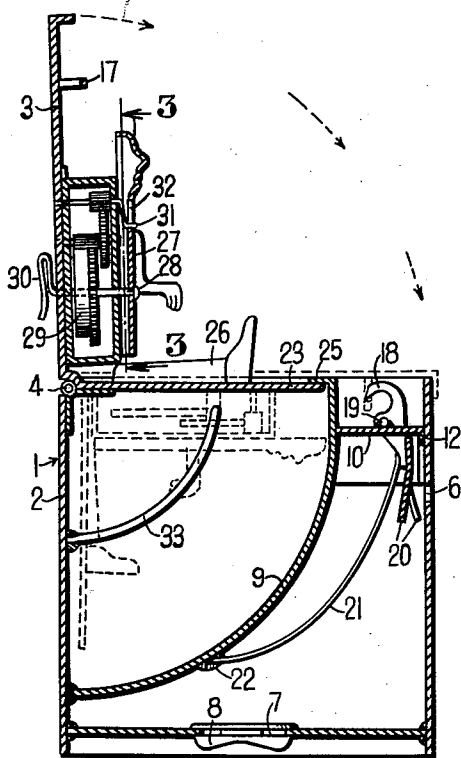


Fig. 1

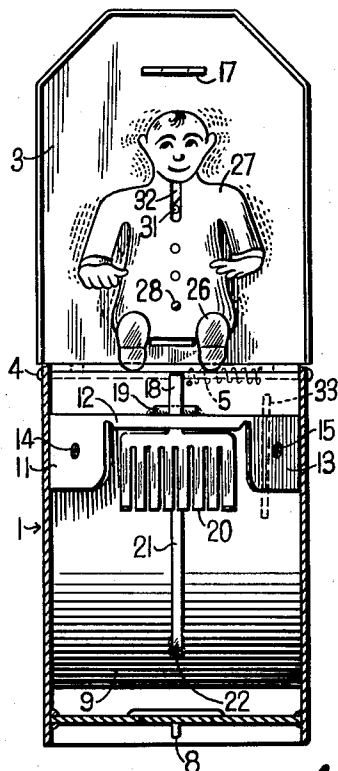


Fig. 2

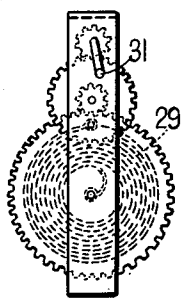


Fig. 3

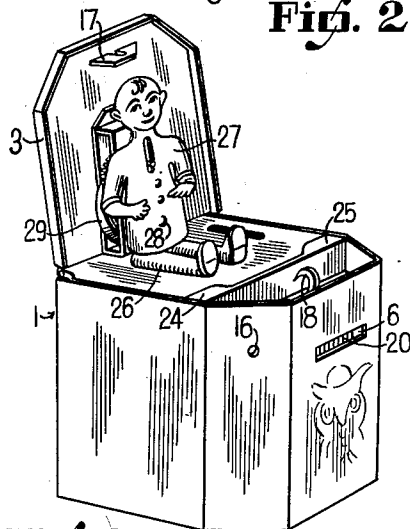


Fig. 4

INVENTOR.

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# UNITED STATES PATENT OFFICE

2,581,004

COIN BANK

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Application October 3, 1950, Serial No. 188,244

1 Claim. (Cl. 46-3)

1

This invention relates to a new and useful improvement in a coin bank, which is interesting and amusing and will encourage the owner to deposit coins in the bank.

An object of the invention is to provide a coin bank which is an improvement over the coin bank which is described and claimed in my copending application, Serial No. 161,383, filed May 11, 1950.

A further object of the invention is to provide a coin bank including a casing, a hinged cover for said casing, a platform extending substantially at right angles to said cover from the inner side of said cover, a figure representing a person seated on said platform with the back of the person substantially parallel to said cover, the legs of said person being secured to said platform and the torso of said person being pivotally secured to said cover, a spring motor for oscillating said torso about said pivot and structure for preventing said oscillation while the cover is closed.

The above and additional objects are accomplished by such means as are shown in the accompanying drawings, described in the following description, and then more particularly pointed out in the claim.

In the drawing:

Fig. 1 is a sectional view of my coin bank with the cover open.

Fig. 2 is a front elevation, partly in section of my coin bank with the cover open.

Fig. 3 is a front elevation of the spring motor, taken on line 3-3 of Fig. 1.

Fig. 4 is a perspective view of my coin bank, with the cover open.

In the drawing, my coin bank is indicated generally as 1. This bank includes a casing 2, and a cover 3 for the casing. The cover is hinged to the casing by a hinge 4. A spring 5 biases the cover towards open position.

The casing has a slot 6 to permit coins to be inserted into the bank. The casing also has an aperture 7 for the removal of coins. Aperture 7 is normally closed by removing plug 8. A curved plate 9 extends from a point near the back of the casing to a point near the top of the casing. A flange 10 extends from a position near the upper end of curved plate 9. Flange 10 is secured to curved plate 9 in any suitable way such as by solder or a weld. Flange 10 has downwardly extending flanges 11, 12 and 13 for contacting the front of the casing and keeping curved plate 9 in place. Flanges 11 and 13 have threaded apertures 14 and 15 to receive screws. These screws (not shown) also pass through ap-

2

ertures such as 16, in the casing, to keep the curved plate 9 in place.

The cover has a latch portion 17 which cooperates with a latch hook 18 to keep the cover closed. Latch hook 18 is pivotally connected to flange 10 at 19. Hook 18 has a downwardly extending portion 20. Downwardly extending portion 20 extends near slot 6 so that a coin being inserted in slot 6 will contact portion 20, release the latch and permit the cover to open. A leaf spring biases the hook 18 towards latching position. One end of spring 21 is secured to curved plate 9 in any suitable way as by solder 22. The other end of spring 21 is secured to latch 18 in any suitable way.

A platform 23 having an opening therein extends substantially at right angles to cover 3. This platform is rigidly secured to cover 3 in any suitable way so that said platform moves with cover 3. Curved plate 9 has flanges 24 and 25 at the upper end of curved plate 9. Flanges 24 and 25 limit the opening movement of cover 3.

A figure representing a person is seated on the platform with its back substantially parallel to cover 3. The legs 26 of said figure are rigidly secured to platform 23 in any suitable way. The torso 27 of said figure is pivotally secured to cover 3 by means of pivot pin 28. A spring motor 29 is placed between the torso of said figure and cover 3. This spring motor has a winding key 30 extending through cover 3. The spring motor has a crank 31 extending through slot 32 in torso 27. The spring motor causes torso 27 to oscillate about pivot pin 28. A projection 33 extends from the back of casing 2. This projection contacts the side of torso 27 by extending through the opening in the platform when the cover is closed, to prevent the torso from oscillating when the cover is closed.

Fig. 1 shows in dotted lines, the position of the spring motor and figure when the cover is closed.

In practice I have found that the form of my invention illustrated in the drawing and referred to in the above description, is the most efficient and practical. Various minor changes in details of construction, proportions and arrangement of the several parts may be resorted to without departing from the scope of my invention.

Having thus described my invention, I claim:

50 A coin bank comprising a casing, a hinged cover for said casing, a latch portion affixed to the underside of said cover adjacent the free edge thereof, a forwardly and upwardly extending curved plate in said casing affixed at its lower end to the lower portion of the rear wall thereof

3  
 and having inwardly directed horizontal flanges at its upper end, a platform affixed to said cover adjacent its hinged end at right angles to said cover and limited in its upward movement by said flanges, a horizontal plate interconnecting the upper portion of said curved plate and the forward wall of said casing, said casing having a coin-receiving slot in its forward wall below said horizontal plate, a latch hook pivoted to said horizontal plate and engageable with said latch portion, a downwardly extending portion of said hook extending below said horizontal plate adjacent said coin slot and comprising a plurality of spaced parallel teeth, a clockwork affixed to the underside of said cover, a figure carried on the outer side of said clockwork and adapted to be oscillated thereby, said platform having an opening

4  
 therein, and an arcuate hook affixed at its lower end to the rear wall of said casing and adapted to be received in said opening when said cover is closed whereby to align itself against one side of said figure to prevent movement of the latter.

FRANK DAMIANO.

#### REFERENCES CITED

The following references are of record in the file of this patent:

#### UNITED STATES PATENTS

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