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TOY SAVING BANK

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2 Sheets—Sheet 1

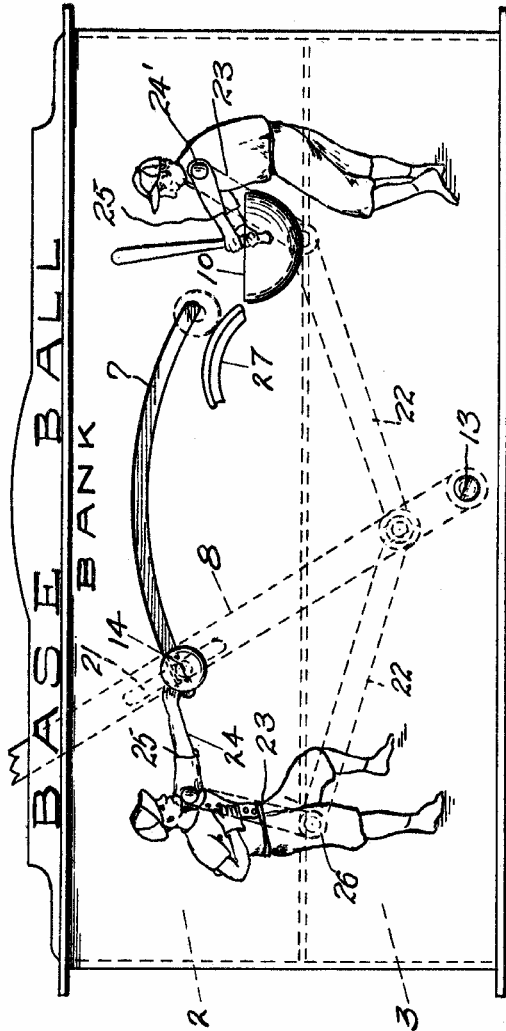


Fig. 1

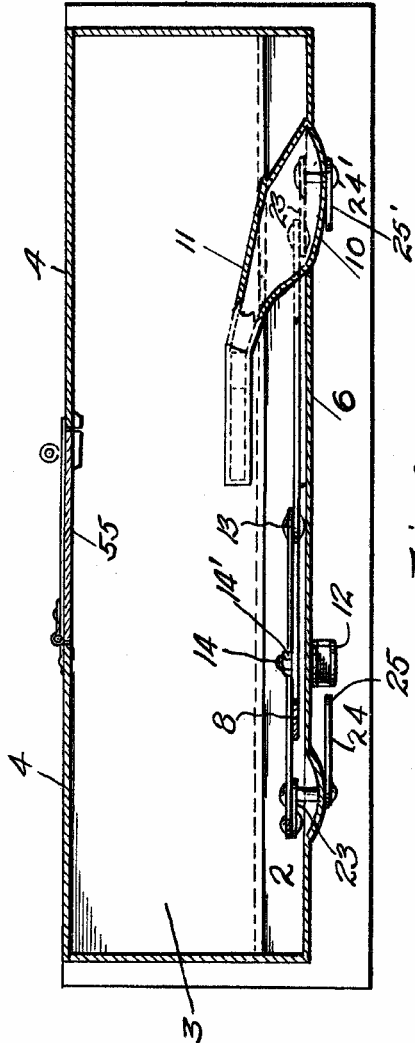


Fig. 2

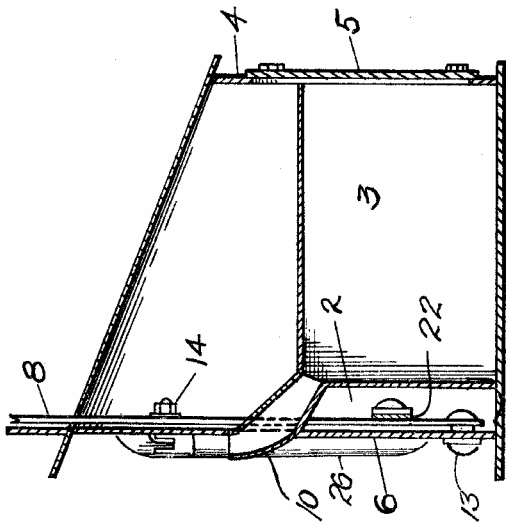


Fig. 3

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## TOY SAVING BANK.

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This invention relates to an improvement in a toy saving bank and it comprises a box-shaped container having embossed figures of ball players stamped upon the front face thereof, said figures having movable arms, a swinging coin receptacle operating in conjunction with said arms, a means for discharging the contents of said receptacle into certain details of construction and combination of parts, as will be fully described hereinafter.

The principal object of the present invention is to provide a toy saving bank, whereby, children may be interested in the mechanical action of the device, representing the game of baseball, and at the same time save their small coins.

The device while shown as a baseball game may be utilized for movements in other well known outdoor and indoor sports, such as tennis, football, golf, cricket, and a number of other games.

In the accompanying drawings:—

Figure I is a front elevation of my improved toy bank, the same being constructed and arranged in accordance with my invention.

Figure II is a sectional plan view of the same.

Figure III is an end sectional elevation of the toy bank showing the inside construction.

Figure IV is a mirror image of a rear elevation of the front wall of the bank, showing the arrangement of the operating lever, its connecting links, attached thereto.

Figure V is an enlarged face view of the coin carrying receptacle, the front plate of which is removed.

Figure VI is a central sectional elevation of the same, showing the manner in which it is attached to the front wall of the box.

Figure VII is a front sectional elevation of the conveyor, showing the tilted or altered position of the same in dotted lines, for discharging the coin.

Figure VIII is a side elevation, showing the contour of the sliding dog carried by the operating lever and attached to the coin receptacle, to limit the swinging movement of the latter.

Figure IX is a development of the metal plate which forms the casing of the conveyor.

To give my invention bodily form, I first

construct an oblong rectangular box from light gage, sheet metal, constructed somewhat in the form of a building and decorate the same with paint or enamel in any manner desired. This box is divided into two compartments, the one 2, containing the operating or moving parts, and the other 3, for storing the coins. The plate 4, forming the rear wall of the box, is formed with an opening provided with a hinged door 5, fitted with a lock, by means of which the accumulation of coins may be removed when so desired. The front wall 6, is formed with a circular slot 7, horizontally arranged, and said wall with an upright operating lever 8, pivoted thereto, said lever passing through the roof of the box and provided with a flag or penant 9, or other ornament. This front wall 6, is also formed with an embossed opening 10, for entrance of the coin and connected by a chute 11, to the coin compartment, said opening being located beneath an end of the slot 7, and adapted to receive the coin from a conveyor 12, hereinafter described.

The operating lever 8, is pivoted at a point 13, centrally located, near the base of the box, and is loosely connected to the wall 6 through the medium of the slot 7, by a bolt 14, having a head and fitted with a screw nut 14', said bolt 14 adapted to move within said slot 7. Loosely attached to this bolt 14, is a dog 15, the contour of which will permit the same to travel the length of the slot 7, and to move a limited distance in either direction. See Figures 5, 6, 7 and 8. The front plate 6 and operating lever 8, are loosely threaded on the bolt 14, and separated by washers 16, to permit free movement of the parts. The dog 15 is fixed to the carriage 12, and has a limited oscillating movement, to keep the conveyor 12 in its proper position;—as a sudden or abrupt movement of the operating lever 8 may invert the coin carrier at the wrong moment. The contour of this dog 15, with reference to the rail 27, will permit approximately one quarter revolution of the coin carriage 12.

The coin conveyor 12, above mentioned is formed from a single piece of light gage metal, such as tin, the developed form of which is shown in Figure 9 of the drawings. The two discs 17—18 form the side walls and the central bars 19, when bent in position, answer the purpose of end walls. The one disc 18, is formed with an extension 20.

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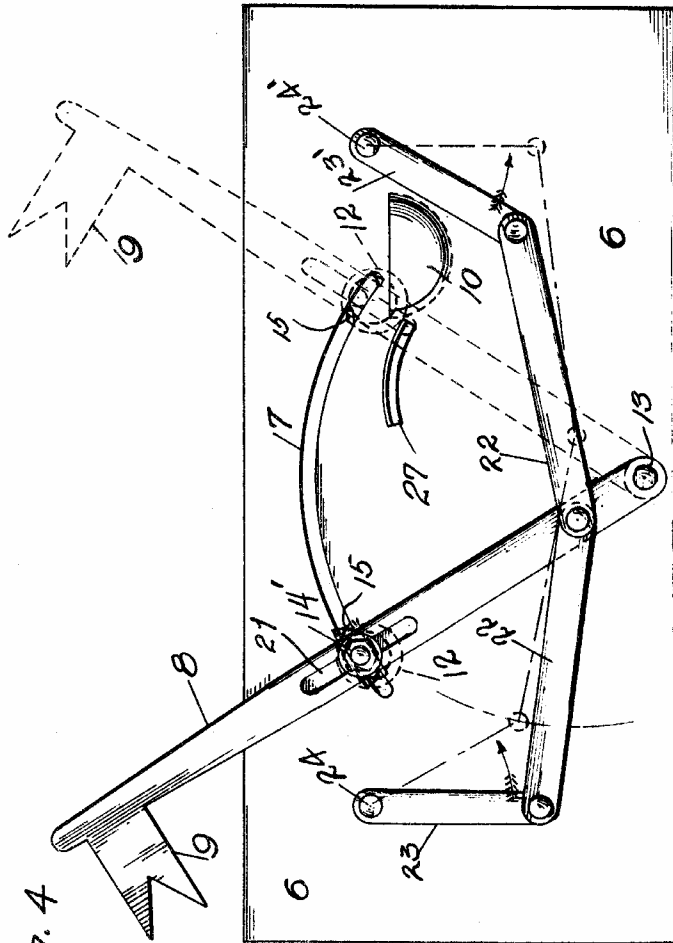


Fig. 4

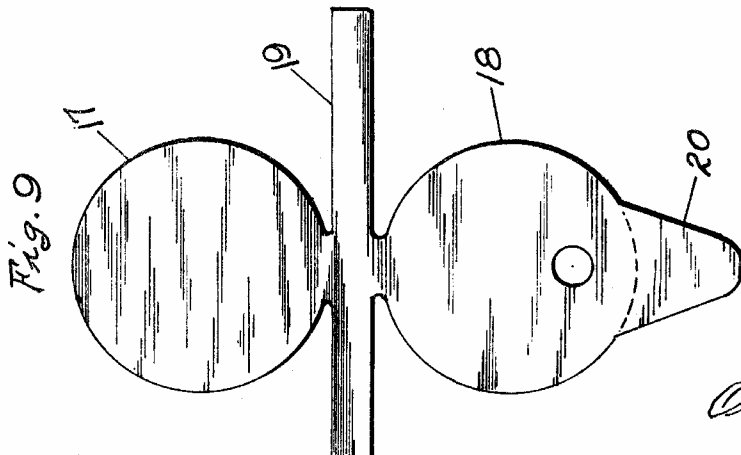


Fig. 9

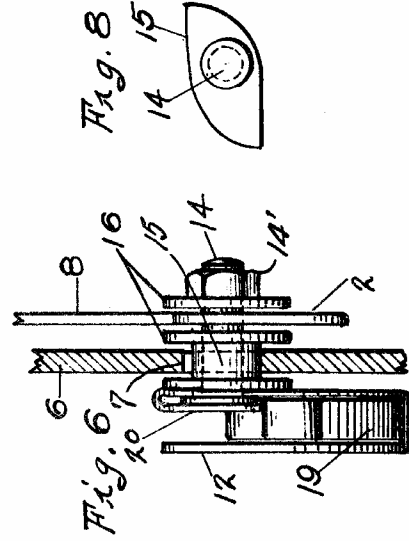


Fig. 6

Fig. 7

Fig. 8

Fig. 9

Fig. 10

Fig. 11

Fig. 12

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which bent parallel with its disc covers the head of the bolt 14, (as best seen in Fig. 5) to prevent interference with the coin (not shown) placed therein, or at the time the same is being discharged. The operating lever 8, is provided with a longitudinal slot 21, for the reception of the carrying bolt 14, and permits said bolt a limited vertical movement while traveling along the length of slot 7. The said operating lever 8 is connected by links 22 and 23, to short shafts 24 and 24', having bearings through the front plate 6. The other ends of these shafts 24 and 24', are fitted with arms 25 and 25' representing one arm of each of the embossed figures 26 and 26'. The one figure representing the pitcher and the other a batter. Adjacent to the receiving slot 10, is placed an inclined, outwardly projecting rail 27, upon which the coin receptacle will come in contact when passing over the same, the frictional contact causing said conveyor to rotate to a position which will tilt the coin from said receptacle, said position being shown in dotted lines in Fig. 7 of the drawings. Beneath the shaft 24, is a weight 28, fixed to the bottom of the conveyor 12, which, when the conveyor is free from its frictional contact with the rail 27, will bring the said conveyor back to its normal position.

In operation:—It is only necessary to place a coin in the conveyor 12, and move the lever along the entire length of the slot 7, to the position shown in dotted lines on Fig. 4 of the drawings. This movement causes the conveyor to roll in the direction indicated by the arrows in Fig. 7, tilting the coin into the chute 11, when it rolls downward into the compartment 3. During this movement of the lever 8, and its connecting links 22 and 23, simultaneous movements are conveyed to the pitcher's arm 25 and a similar movement to the batter's

arm 25', they being rigidly attached to the connecting shafts 24 and 24', representing a pitched and a batted ball. A backward movement of the lever 8, will place the parts for another delivery, or to the position for throwing and batting the ball, as will be seen in Figures 1 and 4.

It is obvious that various modifications and changes may be made in the details of construction and the parts to adapt the invention for use in other games other than baseball, without departing from the spirit of the invention.

Having thus described my invention, I claim:—

1. A toy saving bank comprising a box-shaped receptacle having an entrance for the reception of a coin and an opening for the removal of the same, embossed figures formed in the front wall of the receptacle, pivoted arms attached to said figures, a hand lever connected to said arms, a swinging coin carriage supported by said hand lever, an inclined contact rail located below and in the path of said carriage, whereby said carriage may be rotated a limited distance to dump the coin contained therein into the said coin opening.

2. A toy saving bank comprising a box-shaped receptacle having an entrance for the reception of various coins, and an opening for the removal of the same, embossed figures formed on one of the walls of said receptacle, pivoted arms loosely attached to said figures, a hand lever connected to said arms, a swinging coin carriage supported by said lever, an inclined contact rail located below and in the path of said carriage, whereby a limited rotary movement is given to said carriage to dump the coin and a means comprising a dog, operating within the longitudinal slot which guides the movement of said hand lever.

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