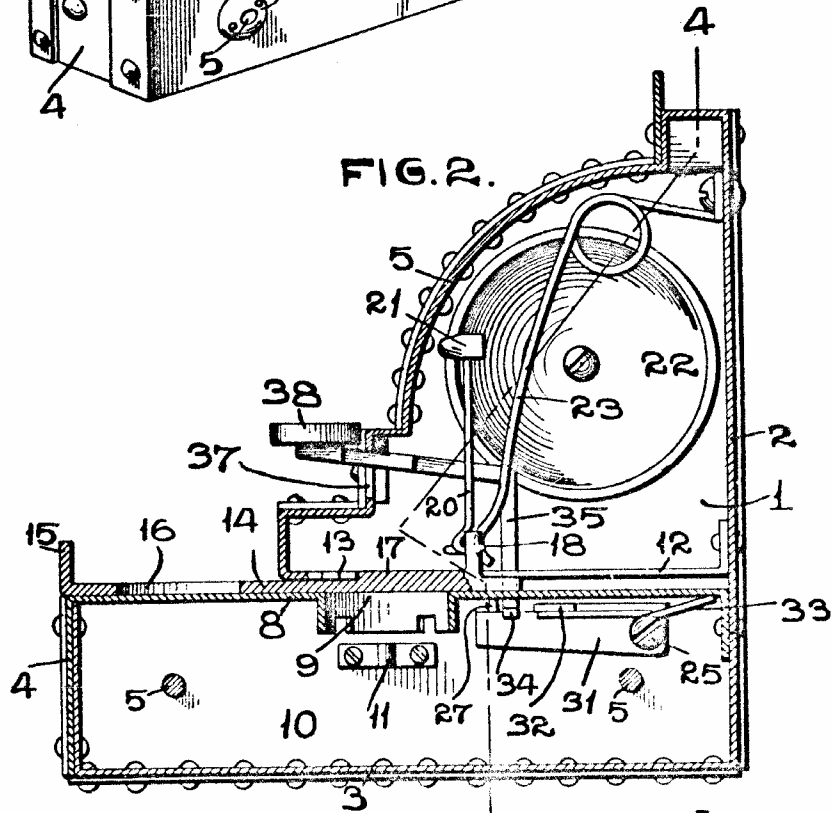
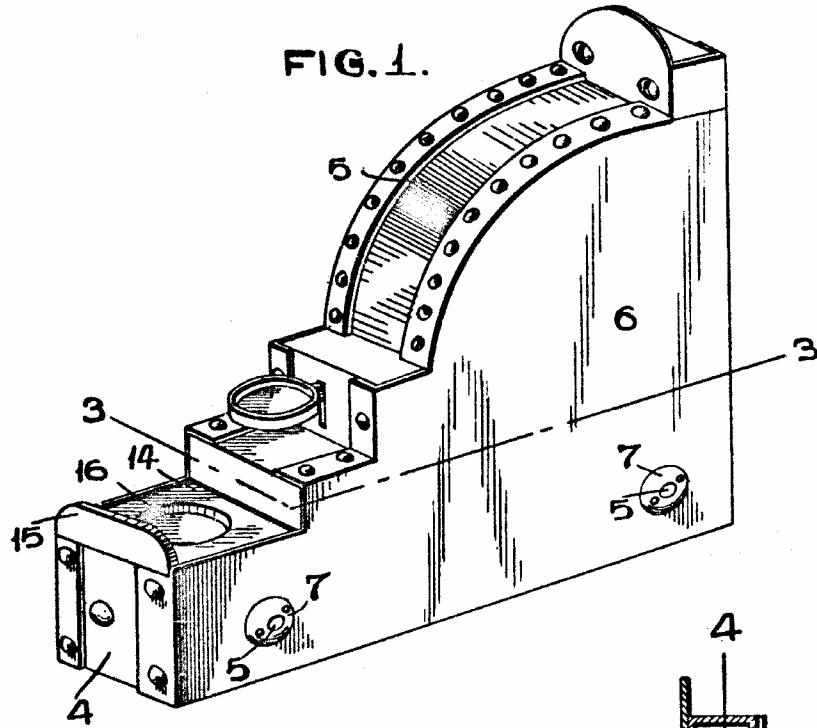


H. C. LAMPE, JR.
TOY SAVINGS BANK.
APPLICATION FILED AUG. 27, 1906.



ATTEST.
H. Q. Fletcher.
M. P. Lewis

INVENTOR.
 HENRY C. LAMPE JR.
 BY *Nigdon & Longan.*
 ATT'YS.

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FIG. 3.

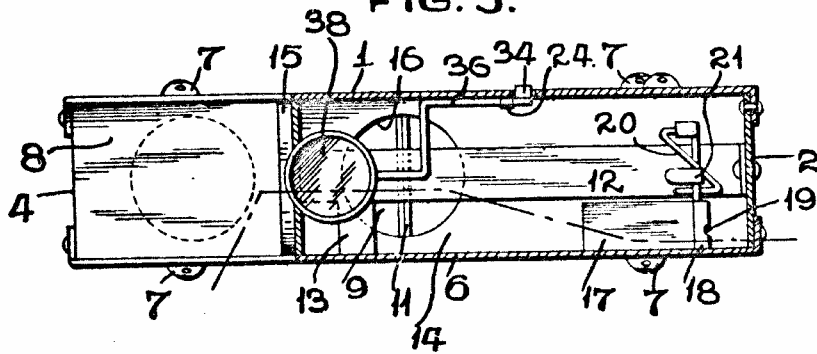


FIG. 4.

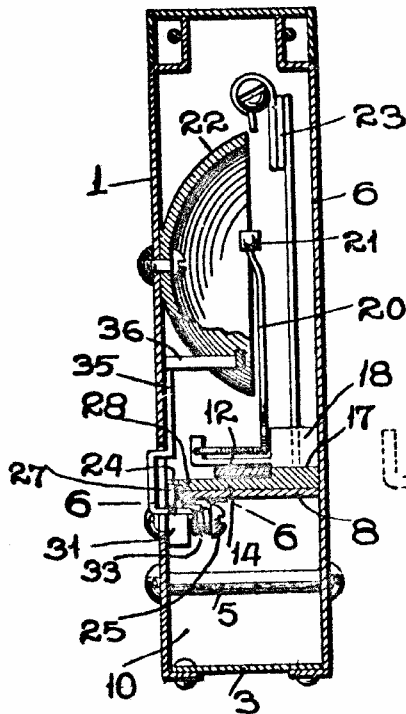


FIG. 5.

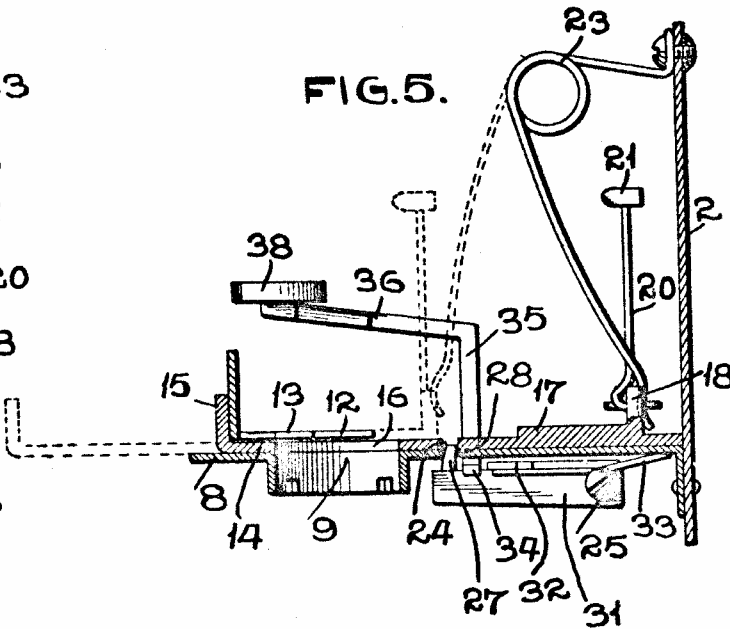
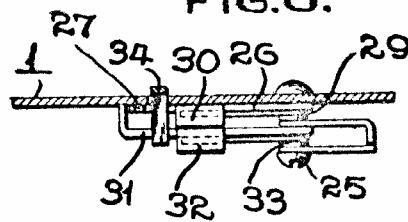


FIG. 6.



ATTEST.

H. Q. Fletcher.
M. P. Smith

INVENTOR.
HENRY C. LAMPE JR.

BY *Wigdon Sougan.*
ATT'YS.

UNITED STATES PATENT OFFICE.

HENRY C. LAMPE, JR., OF ST. LOUIS, MISSOURI.

TOY SAVINGS-BANK.

No. 855,406.

Specification of Letters Patent.

Patented May 28, 1907.

Application filed August 27, 1906. Serial No. 332,136.

To all whom it may concern:

Be it known that I, HENRY C. LAMPE, JR., a citizen of the United States, and a resident of St. Louis, Missouri, have invented certain new and useful Improvements in Toy Savings-Banks, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to toy savings banks, wherein a casing is made use of which is similar in appearance to certain forms of cash registers, and which toy bank is provided with a key which is depressed to carry the coin into the bank, and at the same time actuate the bell striking mechanism.

The object of my invention is to construct a simple, easily operated, and attractive toy bank, which will interest and amuse children, and which will provide a safe receptacle for coins of the same denomination.

To the above purposes, my invention consists in certain novel features of construction and arrangement of parts, which will be hereinafter more fully set forth, pointed out in the claims, and illustrated in the accompanying drawings, in which:

Figure 1 is a perspective view of a toy savings bank of my improved construction; Fig. 2 is a vertical section taken through the center of the bank; Fig. 3 is a horizontal section taken on the line 3—3 of Fig. 1; Fig. 4 is a vertical section taken on the line 4—4 of Fig. 2; Fig. 5 is a vertical section taken through the center of the coin slide, and showing the same moved inwardly to discharge the coin into the bank; Fig. 6 is a horizontal section taken on the line 6—6 of Fig. 4.

The housing of my improved toy bank comprises a side wall 1, having fixed thereto, or formed integral therewith, the vertically disposed rear wall 2, bottom 3, lower front wall 4, and upper curved front wall 5^a.

Fixed in the lower portion of the side wall 1, and extending horizontally therefrom is a pair of pins 5, and arranged on the side of the casing, opposite the wall 1, is a removable side wall 6, which is held to the casing by means of nuts 7, which are arranged on the ends of the rods 5, which project through said walls 6.

Extending from the top of the lower front wall 4 to the rear wall 2 is a horizontally disposed plate 8, in the center of which is formed a circular opening 9, which leads into the coin compartment 10 in the bottom of the casing.

Fixed to the side wall 1 and extending transversely below this opening 9 is a finger 11, which is intended as a guard to prevent the withdrawal of coins through the opening 9 after having once been deposited in the bank.

Fixed to the rear wall 2, and extending forwardly over the center of the partition 8, and being fixed at its front end to the lower end of the curved wall 5^a, is a plate 12, with the forward end of which is formed integral a laterally projecting finger 13. Arranged to slide longitudinally upon the partition 8 is a coin slide 14, the forward end of which is bent upwardly, as indicated by 15, and formed through the forward portion of said slide is a circular opening 16, equal in size to the opening 9, and which receives the coins as they are deposited in the bank. Formed integral with the top of the rear portion of the slide 14 is a lug 17, which, when the slide is at its outward limit of movement, engages against the finger 13, which latter performs the function of a stop. Formed integral with the lug 17 is an upwardly projecting lug 18, in the rear side of which is formed a notch 19, and fixed to the side of said lug 18 is the lower end of an upwardly projecting spring arm 20, the upper end of which carries a bell hammer 21.

Fixed in the rear portion of the casing, and to the side wall 1 is a small gong 22, against which the bell hammer 21 strikes when the slide 14 is moved outwardly to its limit of movement.

Fixed to the upper end of the rear wall 2 on the interior thereof, is the upper end of a spring 23, the lower end of which engages in the notch 19, and which spring tends to maintain the slide 14 at its outward limit of movement. Formed in the left hand edge of the slide 14 is a notch 24. Journaled upon a screw 25, which is seated in the side wall 1, below the partition 8 and adjacent the rear wall 2, is a plate 26, which extends forwardly from said screw; and formed integral with the forward end of said plate is an upwardly projecting finger 27, which operates through an opening 28 formed in the side of the partition 8, and which finger is intended to engage in the notch 24 when said plate is moved inwardly to its limit of movement. Arranged on the screw 25 is a spring 29, the forward end of which bears against the under side of a lug 30, formed integral with the top edge of the plate 26, which spring tends to elevate the forward end of said plate 26. Journaled upon the screw 25, adjacent the plate 26, is a

second plate 31, with the top edge of which is formed integral a lug 32, and arranged on the screw 25 is a spring 33, the forward end of which bears against the under side of the lug 32, and tends to elevate the forward end of said plate 31. Formed integral with the forward end of the plate 31 is the lower end of an arm 34, which extends horizontally over the top of the forward end of the plate 26, and from thence arm extends vertically, as designated by 35, and the upper end of said arm being extended horizontally forward, as designated by 36, through an opening 37, in the lower end of the curved front plate 5^a, and the extended end of said arm is provided with a key 38.

The operation incident to the depositing of coins in the bank is as follows: The spring 23 normally maintains the slide 14 in its outward limit of movement, with the coin opening 16 exposed on the forward end of the partition 8. The coin to be deposited in the bank is located in the opening 16, and by engaging the upturned end 15, the slide carrying the coin is moved to its inner limit of movement, and, when this point is reached, the upper end of the finger 27 will engage in the notch 24, and thus lock said slide at its limit of movement. When in this position, the opening 16 coincides with the opening 9 in the partition 8, and the coin will drop downwardly through said opening into the compartment 10. The key 38 is now depressed to imitate the ringing up or registering operation of a cash register, which action depresses the forward ends of the plates 31 and 26 against the resistance of the springs 29 and 33, and, as a result, the finger 27 is disengaged from the notch 24, and the power stored in the spring 23 will instantly move the slide 14 forwardly to its limit of movement; and, as this action takes place, the bell striker 21 will strike against the forward edge of the gong 22 and sound the same.

The plate 31, provided in the lower end of the arm 34, is extended over the end of the plate 26 in order that the key 38 will not be depressed when the slide 14 is moved inwardly.

The operations just described are interesting and amusing to children, and tend to induce the saving of coins of similar denomination.

The contents of the bank can be removed whenever desired by removing the nuts 7 from the ends of the pins 5, and then removing the side wall 8, which operation can readily be accomplished, as all of the operating parts are carried by the side wall 1.

I claim:—

1. A toy savings bank, constructed with a casing, a horizontally disposed partition therein, there being an opening formed in said partition, a slide operating on said partition, in which slide is formed a coin opening, means whereby the slide is locked at its inner limit of movement, a release key for the locking means, a gong arranged on the interior of the casing, and a striker carried by the coin slide; substantially as specified.

2. A toy savings bank, constructed with a casing, a horizontally disposed partition therein, in which partition is formed an opening, a slide operating on said partition, in which slide is formed an opening, a device arranged beneath the partition for locking the slide at its inner limit of movement, and a release key for the locking device, a bell arranged on the interior of the casing, and means arranged on the interior of said casing for sounding the bell when the release key is actuated; substantially as specified.

In testimony whereof, I have signed my name to this specification, in presence of two subscribing witnesses.

HENRY C. LAMPE, JR.

Witnesses:

M. P. SMITH,
E. L. WALLACE.