

C. A. BAILEY.
TOY BANK.

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965,843.

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Fig. 1.

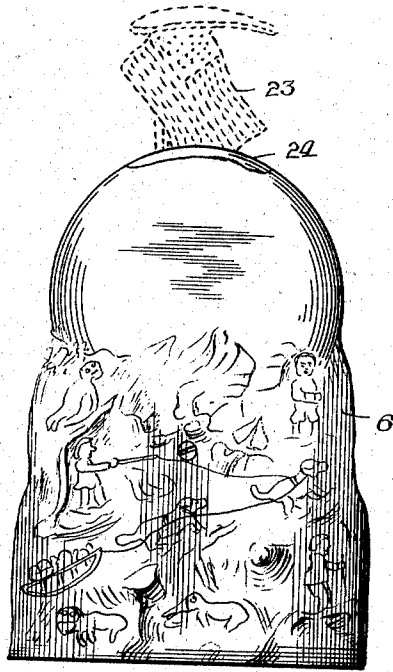
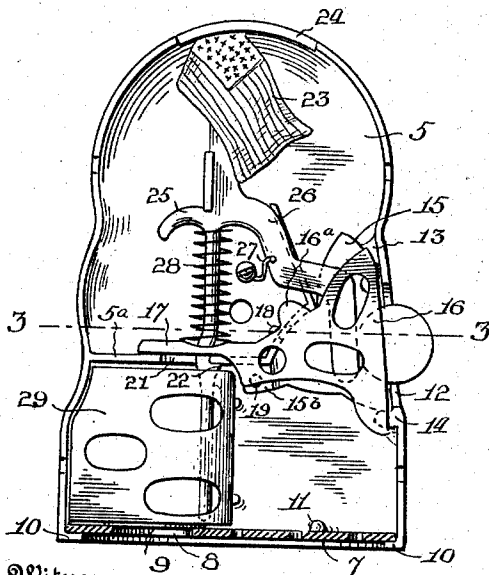


Fig. 2.

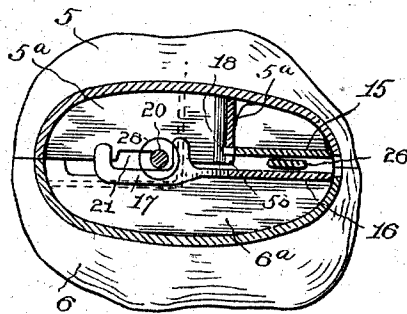


Witnesses

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Fig. 3.



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TOY BANK.

965,843.

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To all whom it may concern:

Be it known that I, CHARLES A. BAILEY, a citizen of the United States, residing at Cromwell, in the county of Middlesex and State of Connecticut, have invented certain Improvements in Toy Banks, of which the following is a full and complete specification.

This invention is an improvement in toy banks or money boxes, and relates more especially to that particular class which are provided with parts operated by the insertion of a coin to bring forth a suitable device or figure in the nature of a surprise.

The primary object of my present invention is to provide a bank or money-box of a configuration to represent the upper part of the earth or north pole, in connection with a suitable device, as the American flag, which will be automatically projected into view at the upper end of the box when a coin is pressed into the coin-slot; all as hereinafter particularly described and specifically set forth in the appended claims.

In the accompanying drawings, which form a part of this specification: Figure 1 is a front elevation of a toy bank or money box constructed in accordance with my invention, the dotted lines showing the device which is brought into view when the parts are operated by the insertion of a coin. Fig. 2 is a vertical longitudinal sectional view. Fig. 3 is a transverse sectional view, on the line 3—3 of Fig. 2.

Like numerals of reference indicate like parts in all the figures of the drawings.

The body of the bank or money-box is preferably of the configuration shown in the drawings; that is to say having a spherical upper portion—representing the upper part of the earth—and a slightly enlarged lower portion or base, and in the present instance said lower portion is ornamented, as indicated in Fig. 1, though of course it may be plain if desired. This box is made up of two longitudinal sections or halves, 5 and 6, forming the top and sides, and the bottom is closed by means of a plate 7, having an opening 8 through which the coins may be removed, said opening being closed by a cover 9, as is usual. The bottom-plate is clamped between the halves or sections and held in place by the intumed flanges 10 and lugs 11. At one side of the bank or money-box is a coin-slot 12.

The sections 5 and 6 are provided with partition walls 5^a and 6^a, respectively, which are adapted to hold in place the mechanically-operated parts hereinafter described, said partition walls each having an upward extension, as shown in Fig. 2. In addition to these walls for supporting the mechanical parts the section 5 of the box is also provided with lugs 13 and 14, for the same purpose, as will hereinafter appear.

Disposed within the box and on a line with the coin-slot 12 are spaced-apart plates 15 and 16, forming a coin-passage between them, the plate 16 being extended rearwardly, as at 17, to provide a guide-member for a movable part of the mechanism. The plate 15 is confined between the partition wall 5^a and wall of the bank or box, resting at its upper end on the lug 13, and at its lower end upon the lug 14, and is provided with a tongue, 18, engaging in a notch 5^b in the partition-wall 5^a (see Fig. 3). This plate is also provided with a horizontal rearwardly-projecting flange, 15^a, to prevent the coins from entering the upper part of the box.

The plate 16 is held in place by means of a pin or stud 19 engaging in an aperture therefor in an offset 15^b of the plate 15, in connection with a tongue 16^a, which engages the wall 5^a.

As will be seen, the plates 15 and 16 are further held in place by the partition walls 5^a and 6^a, and are spaced apart to form the coin-passage by means of the offset 15^b, lug 14, and a boss between the upper ends of the plates, and said upper ends of the plates are curved outwardly or away from each other above the boss, for the purpose hereinafter explained.

20 designates a rod or spindle, which passes vertically through a slot 21 in the partition-wall 5^a, and is provided with a catch, 22, adapted to engage the underside of the front wall of said slot when the rod is depressed, the rod being confined in the slot by means of the guide-member 17 of the plate 16. The upper end of this rod carries a suitable device, as 23, in the present instance the representation of the American flag, and above the flag is a cover-plate 24, adapted to close the opening in the top of the bank or box through which the flag is projected. As will be seen by reference to Fig. 2 the flag is located within the upper

part of the bank or box when the rod is depressed with the catch thereon engaging the wall of the slot. For the purpose of limiting the upward movement of the rod it is provided at one side with a stop-member 25, and for the purpose of tripping said rod by the insertion of a coin in the slot it is provided with a trip-member 26, the end of which lies between the plates 15 and 16, in the rear of the coin-slot, when the rod is depressed. For the purpose of moving the rod laterally, so that the catch thereon will engage the wall of the slot, the trip-member of said rod is engaged by a wire-spring 27, and for the purpose of projecting the rod upward when released a helical spring 28 encircles said rod and is interposed between the members 25 and 26 thereon and the stationary member 17. When the rod is depressed the lower end of the same extends to near the bottom of the bank or box, (see Fig. 2), and to prevent the coins which drop into the lower part of the bank from interfering with the operation of said rod I provide a partition plate 29.

From the foregoing description, in connection with the accompanying drawings, the construction and operation of the device will be readily understood, for upon the insertion of a coin in the slot 12 it will press against the trip-member 26 of the rod, and disengaging the latter will permit the spring 28 to slide the rod upward exposing the device or flag 23 above the bank, the coin then falling into the lower portion of the bank. To reset the device it is only necessary to push downward upon the closing-plate 24, depressing the rod so that the catch thereof will be forced into engagement with the partition wall by means of the spring-wire 27.

It will be understood, of course, that instead of the flag 23, any other suitable device may be substituted therefor, and that also the configuration of the box may be changed, all without departing from the spirit and scope of my claims.

Having thus described my invention, what I claim as new, and desire to secure by Letters-Patent, is:—

1. In a toy bank, the combination, of a vertically movable rod having a device, as a flag, at its upper end and a trip-member disposed near the coin-slot of the bank, a catch on the rod adapted to engage a stationary part, a spring for moving the catch in engagement with the stationary part, and a spring for projecting the rod, substantially as shown and described.

2. In a toy bank, the combination, of a vertically movable rod having a device, as a flag, at its upper end and a trip-member disposed near the coin-slot of the bank so as to be operated by the insertion of a coin, a catch on the rod adapted to engage a stationary part, a spring for moving the rod in engagement with the stationary part, a spring for projecting the rod upward when released, and a partition plate in the lower portion of the bank to protect the lower end of the rod.

3. In a toy bank, the combination, of a bank or box having a slot in one side, of plates disposed on a line with the slot and spaced apart to provide a coin-passage, a vertically movable rod having a device, as a flag at its upper end and a trip-member the end of which is disposed between the plates when the rod is depressed, a catch on the rod adapted to engage a stationary part, a spring engaging the trip-member for moving the rod in engagement with the stationary part, and a spring for projecting the rod upward when released, substantially as shown and described.

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

CHARLES A. BAILEY.

Witnesses:

SADIE E. NOBLE,
T. H. NOBLE.