No. 844,910. PATENTED FEB. 19, 1907.

C. A. BAILEY.

TOY BANK.

APPLICATION FILED MAY 19, 1906.

2 SHEETS—SHEET 1.

Fig. 1.

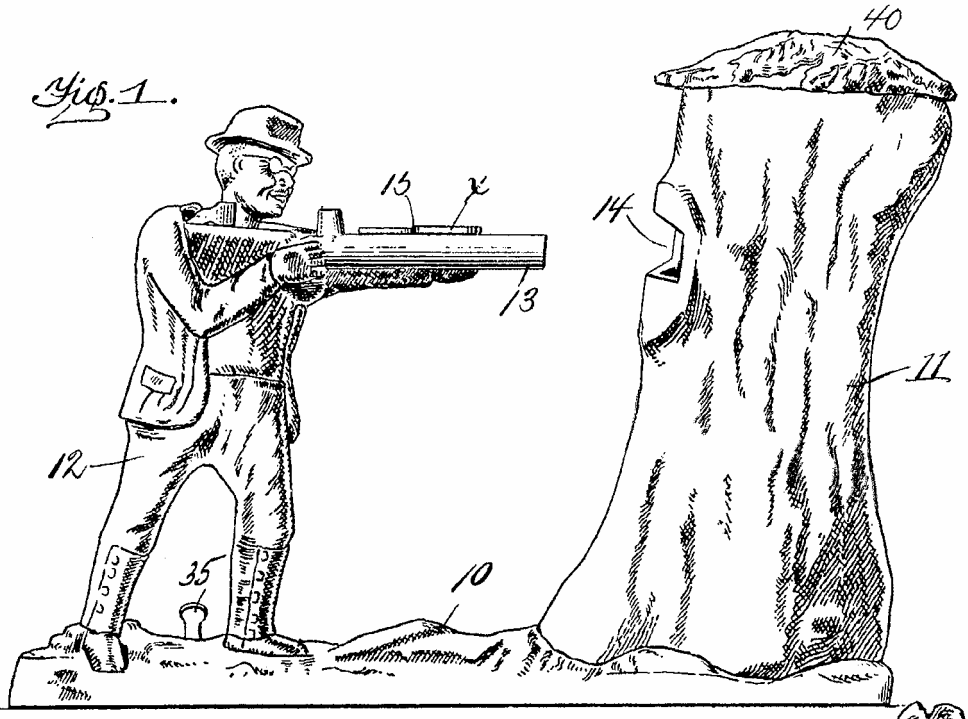
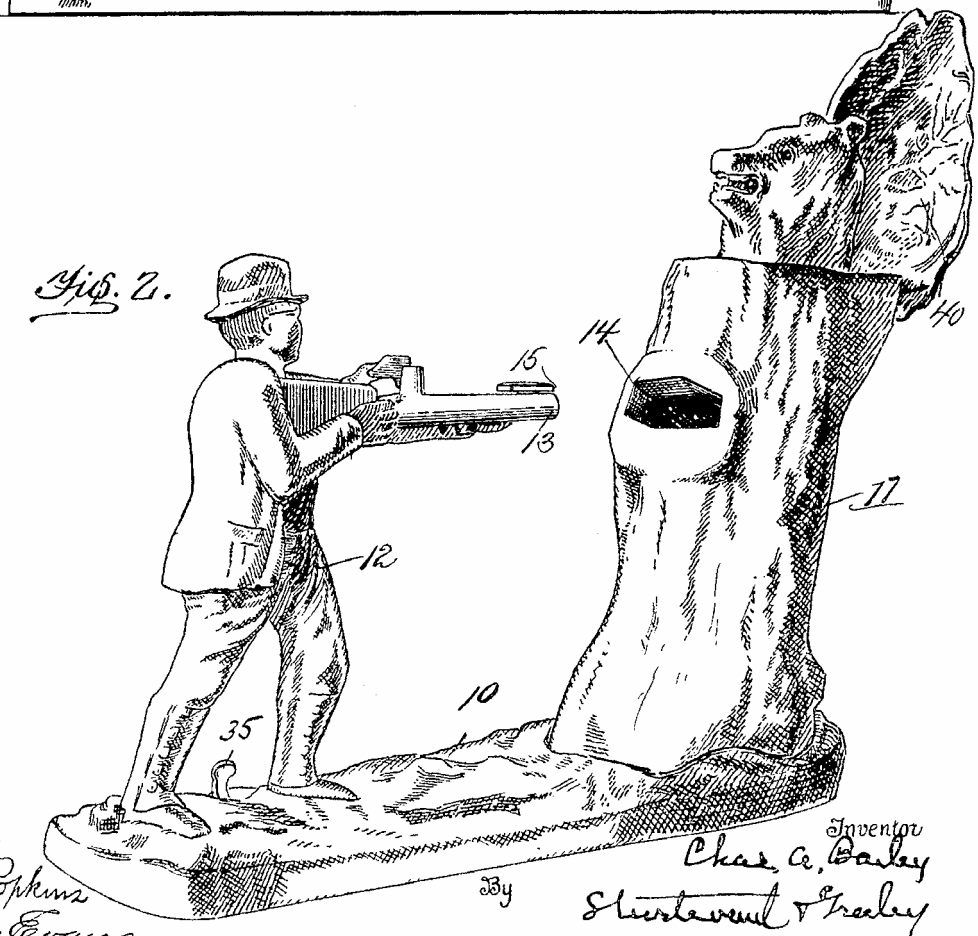


Fig. 2.



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2 SHEETS—SHEET 2.

Fig. 6.

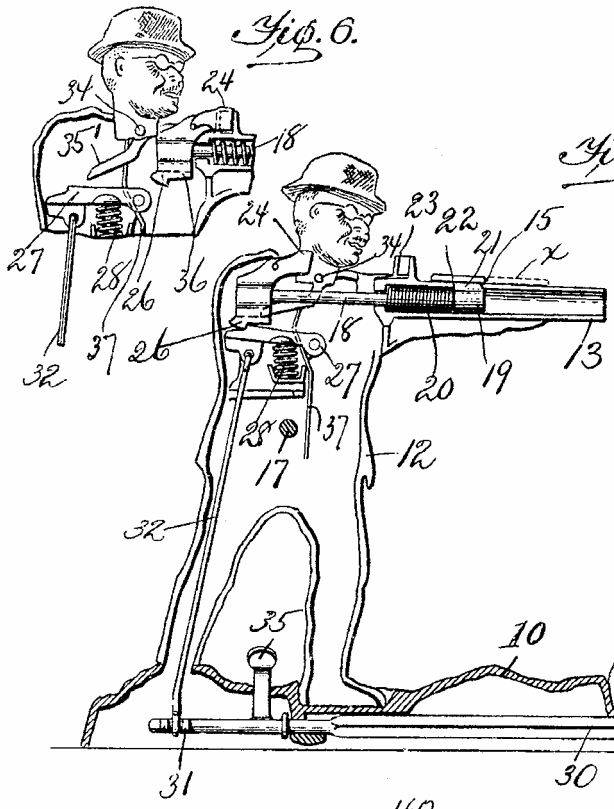


Fig. 3.

Fig. 4.

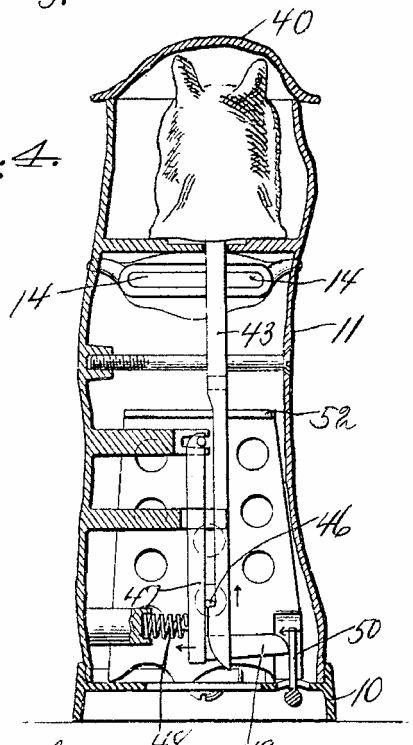
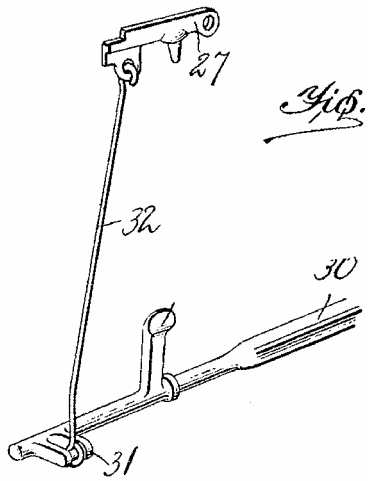


Fig. 5.



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TOY BANK.

No. 844,910. Specification of Letters Patent. Patented Feb. 19, 1907.

Application filed May 19, 1906. Serial No. 317,749.

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, State of Connecticut, have invented certain new and useful Improvements in Toy Banks, of which the following is a description, reference being had to the accompanying drawings and to the letters and figures of reference marked thereon.

This invention relates to toy banks, and has for its principal object to provide a novel construction of bank of that class in which one or more figures are set into motion during the act of depositing a coin.

A further object of the invention is to provide a bank in which two or more movable figures are so arranged as to be operated in successive order, or only the first may be set into motion, as desired.

A still further object of the invention is to provide an operating or controlling mechanism of simple construction and which is protected from injury by the casing or bank structure proper.

With these and other objects in view the invention consists in the matters hereinafter described and referred to in the appended claims.

In the accompanying drawings, Figure 1 is a side elevation of a toy bank constructed in accordance with the invention, showing the position of the parts in readiness to deposit a coin. Fig. 2 is a perspective view showing the positions after a coin has been deposited and the mechanism fully operated. Fig. 3 is a longitudinal sectional elevation of the bank with the parts in the position shown in Fig. 1. Fig. 4 is a transverse sectional view of the same on the line 4 4 of Fig. 3. Fig. 5 is a detail perspective view of the sear and the rock-shaft which operates it, and Fig. 6 is a detail view showing the position of the head of the principal figure after the deposit of the coin.

Similar numerals of reference are employed to indicate corresponding parts.

The bank in general comprises a base 10, from one end of which rises a coin-receptacle 11 in the form of a tree-stump, and at the opposite end of the base is the figure of a hunter 12, carrying a gun 13, pointed toward the stump, the head of the hunter being bent forward as in the act of sighting the gun. The stump or coin-receptacle has a coin-receiving opening 14, and the gun has a coin-rest 15, on which the coin is placed and from which it is discharged and passes through the opening 14.

The Figure 12 is made in two sections, as usual in this general class of toys, and the parts are united by one or more bolts or rivets 17.

The barrel of the gun is arranged to receive a slidable stem 18, having an enlarged head 19, between which and the breech end of the gun is arranged a coiled compression-spring 20. The head 20 has a reduced neck 21, which extends through a longitudinal slot in the upper portion of the gun-barrel and carries a disk or projection 22, against which the rear edge of the coin *x* is placed. The barrel also carries a small nipple 23, in which an ordinary paper percussion-cap may be placed.

To the rear or inner end of the stem 18 is secured a hammer 24, having a forwardly-projecting head arranged to strike against and explode the cap when the hammer moves forward. The hammer is further provided with a catch-shoulder 26 for engagement by a pivoted sear 27, that is held elevated by a small spring 28.

The base 10 is provided with spaced bearings for the reception of a rock-shaft 30, having at one end a rocker-arm 31, which is connected to the seat by a rod or link 32, and on the rock-shaft is a manually-operable trigger 35. When the trigger is depressed, the shaft is turned and the sear is pulled down to disengage the hammer, whereupon the hammer moves forward under the impulse of spring 20, and the coin is discharged through the opening 14 into the coin-receptacle. At the same time the percussion-cap in nipple 23 is exploded.

In order to add to the attractiveness of the device, the head of the figure is pivoted on a pin 34 and is provided with a downward and rearward extending arm 35′, which rests on a horizontal flange 36, carried by the hammer when the latter is retracted or cocked. The head further carries a small spring 37, the lower end of which bears against the spring-support and tends to throw the head backward to the position shown in Figs. 2 and 6.

When the gun is cocked—that is, ready to discharge a coin into the receptacle—the arm 35′ rests on the flange 36, and the head is

forwardly inclined, as in the act of sighting the gun. When the hammer moves forward, the flange passes from under the arm and the spring then acts to throw the head back, the parts remaining in this position until the gun is again cocked.

The tree-stump or coin-receptacle is provided with a hinged cover 40, which is normally closed and conceals the head of another figure, (a bear,) which may be made to rise upward to the position shown in Fig. 2 by a further movement of the rock-shaft 30.

The head of the "bear" is hollow and rests on a compression-spring 41, the lower end of which is supported by a cross bar or flange 42. From the head depends a bar 43, provided with a lug 44, which limits its upward movement by engaging the cross bar or flange 42. Near the lower end of the bar is a shoulder 46, engaged by a pivoted catch-bar 47, that is held in operative position by means of a spring 48. The lower end of the catch-bar has a laterally-extended arm 49, provided with a curved end, which may be engaged by an arm 50, carried by the rock-shaft 30.

If the operator wishes to expose the head of the bear, the trigger, after releasing the sear 27, is further depressed and the arm 50 pushes the catch-bar 47 from the shoulder 46, allowing spring 41 to elevate the head, and the latter striking against the lid or cover 40 will move the latter to the open position. (Shown in Fig. 2.) To readjust the parts, it is merely necessary to force the head down until the catch-bar reëngages the shoulder 46.

A suitable shield 52 is placed in front of the mechanism in the coin-receptacle in order to avoid stoppage of the operation by the inserted coins.

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

1. In a toy bank, a coin-receptacle, a spring-actuated coin-discharging member arranged in front of the receptacle, a spring-actuated figure in the receptacle, and a releasing means common to both spring-actuated means and adapted to release them in successive order.

2. In a toy bank, a coin-receptacle, a figure arranged in advance of the receptacle and carrying a coin-rest, a spring-actuated coin-discharging member, a hammer carried thereby, a cap-nipple in the path of the hammer, a spring-pressed sear for locking the hammer in retracted position, a rock-shaft, means for connecting the rock-shaft to the sear, a trigger carried by the rock-shaft, a spring-actuated figure in the receptacle and a releasing means therefor, said releasing means being under the control of said rock-shaft, substantially as described.

3. In a toy bank, a coin-receptacle, a movable figure arranged therein, a spring for actuating the same, means for holding the figure retracted and the spring under stress, a spring-actuated coin-discharging member, means for holding said member retracted, and its spring under stress, a rock-shaft, a trigger thereon, and a pair of rocker-arms carried by the shaft and arranged to release first the discharging member and then the movable figure; substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

CHAS. A. BAILEY.

Witnesses:
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