(No Model.)

J. H. BOWEN.

TOY MONEY BOX.

No. 337,125. Patented Mar. 2, 1886.

Fig. 1.

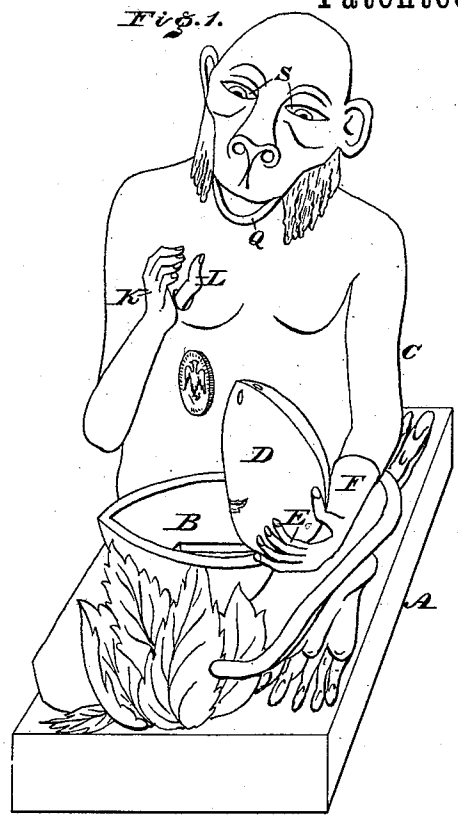


Fig. 2.

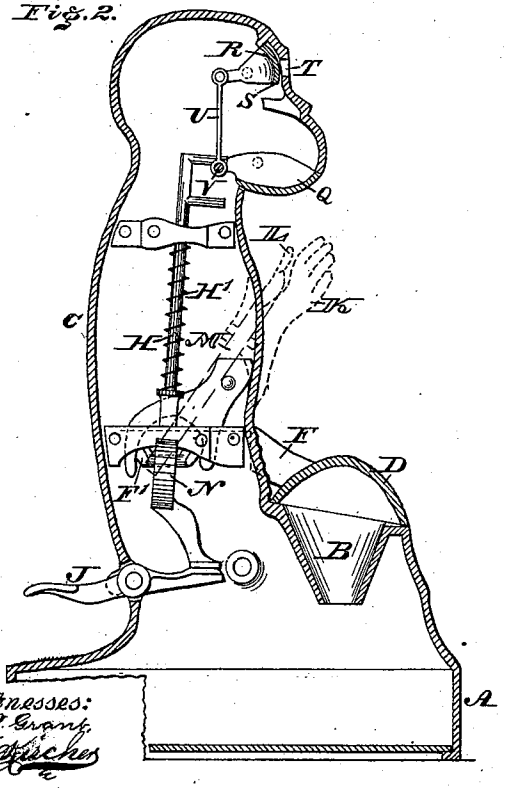
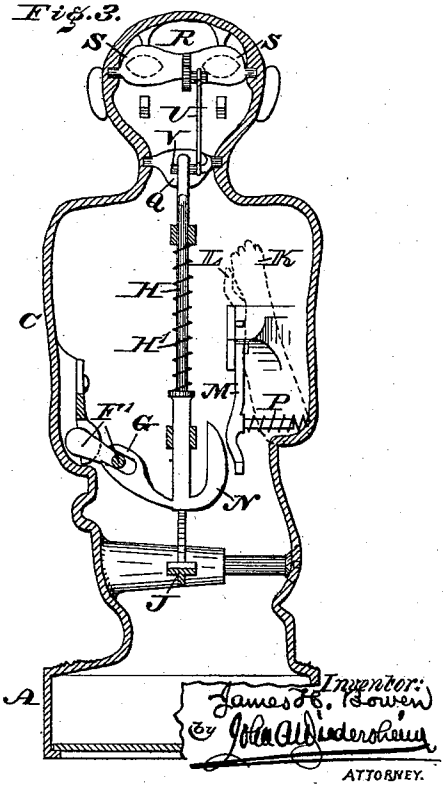


Fig. 3.



Witnesses:
A. F. Grant.
W. F. Fischer

Inventor:
James H. Bowen
by John A. Wiedersheim
Attorney.

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

JAMES H. BOWEN, OF PHILADELPHIA, PENNSYLVANIA.

TOY MONEY-BOX.

SPECIFICATION forming part of Letters Patent No. 337,125, dated March 2, 1886.

Application filed June 26, 1885. Serial No. 169,818. (No model.)

To all whom it may concern:

Be it known that I, JAMES H. BOWEN, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Toy Money-Boxes, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 represents a perspective view of a toy money-box embodying my invention. Figs. 2 and 3 represent vertical sections thereof on an enlarged scale at a right angle to each other.

Similar letters of reference indicate corresponding parts in the several figures.

My invention relates to improvements in the class of toy money-boxes formed of metal, simulating figures of animals, &c., adapted to move their members when coin or money is received and deposited.

The invention consists of means for primarily holding the coin, then releasing the same and opening the box, so that the coin may drop thereinto and be deposited therein, after which the box is closed, during which operations the thumb and forearm of the figure are moved, its mouth opens, and the eyes wink.

Referring to the drawings, A represents a box for the deposit of coin or money, the same having at top a chute, B, by which the money is directed into the box. Rising from said box is a hollow column or frame, C, it being noticed that the exterior of said column and box simulates a monkey kneeling on the ground; but the figure of another animal in a different position may be employed.

Above the chute B is a cover, D, which is connected with and apparently grasped by the hand E of the figure, the forearm F whereof is journaled in the side of the column C, and has its elbow end projected into said column, where, by means of a crank, F′, on said end, it is engaged by an arm, G, on the side of a vertical rod or slide, H, the same being properly guided within the column and engaged by a lever or trigger, J, which is pivoted to said column or top of the box A in such manner that one end is accessible on the outside in order to be operated, the effect of which is to raise the slide H, and thus cause the rotation of the arm F and consequent turning of the cover D, whereby the chute B is exposed, it being noticed that said cover and the walls of the throat present the appearance of a cocoanut, but may be of any other form.

The return motion of the slide H and connected parts is accomplished by a suitably-applied spring, H′. The hand K projects forward over the cover D, and has a movable thumb, L, which may be separated from the fingers and returned thereto primarily for holding or grasping the coin, and afterward releasing the same, so that when the cover D is opened said coin drops into the chute B, and thus reaches the box A. The thumb is secured to or formed with an arm, M, which enters the column C, and is pivoted to the wall thereof, and has its inner end engaged by a cam, N, on the slide H, whereby as the latter rises the arm M is forced back, and the thumb thus leaves the fingers, the return or closing motion of the thumb being accomplished by a spring, P, which bears against said arm. Near the top of the column constituting the head of the figure is a pivoted piece, Q, of such shape and location as to constitute the lower jaw of the figure, and operating to open and close the mouth thereof, and above said piece is a horizontally-extending bar, R, which is pivoted to the column and provided with eyes S, which appear at the sockets or openings T of the head. The piece Q and bar R are connected by a rod, U, and said piece has a pin or projection, V, which engages with the upper part of the slide H, so that by the operation of the lever the piece Q and bar R are moved, thus simulating the opening and closing of the mouth of the figure and winking of the eyes thereof.

The operation is as follows: A piece of coin is placed between the thumb L and fingers, and held thereat by the pressure of the spring P. The lever or trigger is now depressed, whereby the thumb separates, the coin loses its support, the cover opens, and the coin drops into the chute, by which it is directed into the box A. Simultaneously with the motions of the thumb and cover the mouth of the figure opens and the eyes drop. The lever is let go, and the parts are restored to their normal positions, the cover D closing, the thumb L returning to the fingers, the mouth shutting, and eyes rising, the motions of the eyes having presented the appearance of wink-

ing, the several parts contributing to make the toy portion of the box of an amusing and interesting nature.

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

1. A toy money-box having a box with a chute and a lid therefor, a figure behind said box having a rotary arm rigidly connected to said lid and provided with a crank, a slide having an arm engaging said crank, and a lever extending outside of said figure and adapted to operate the said slide, said parts being arranged and combined substantially as described.

2. A box with a chute, in combination with a frame or column of the form of a figure having a fixed hand and a movable thumb, which is mounted on said column and engaged by a slide which is operated by a lever or trigger, substantially as and for the purpose set forth.

3. A figure provided with a fixed arm and a hand, in combination with the laterally-movable thumb L, connected to the arm M, and slide H, having cam N, engaging with said arm M, substantially as and for the purpose set forth.

4. The chute B, provided with the lid D, in combination with the rotary arm F, rigidly connected to said lid and having a crank, F′, the slide H, having an arm, G, and the lever J, substantially as and for the purpose set forth.

5. The thumb L with arm M, and arm F with crank F′, in combination with the slide H, having a cam, N, which engages with said arm M, and an arm, G, which is connected with said crank, substantially as and for the purpose set forth.

6. A toy money-box provided with a chute, and a column of the form of a figure having a fixed hand and a movable thumb therefor, and a rotary arm to which the cover of the chute is attached, said thumb and arm being operated by a slide which is connected with the inner ends of the thumb and arm and engaged by a lever or trigger, substantially as described.

7. A toy money box provided with a chute, and a column of the form of a figure having a fixed hand and a movable thumb therefor, a rotary arm to which the cover of the chute is attached, a movable mouth-piece, and movable eye support, said thumb, arm, piece, and support being operated by a slide which is connected with said parts and engaged by a lever or trigger, substantially as described.

J. H. BOWEN.

Witnesses:
JOHN A. WIEDERSHEIM,
A. P. GRANT.