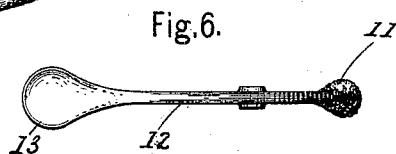
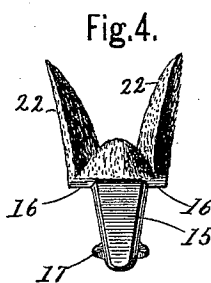
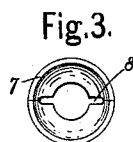
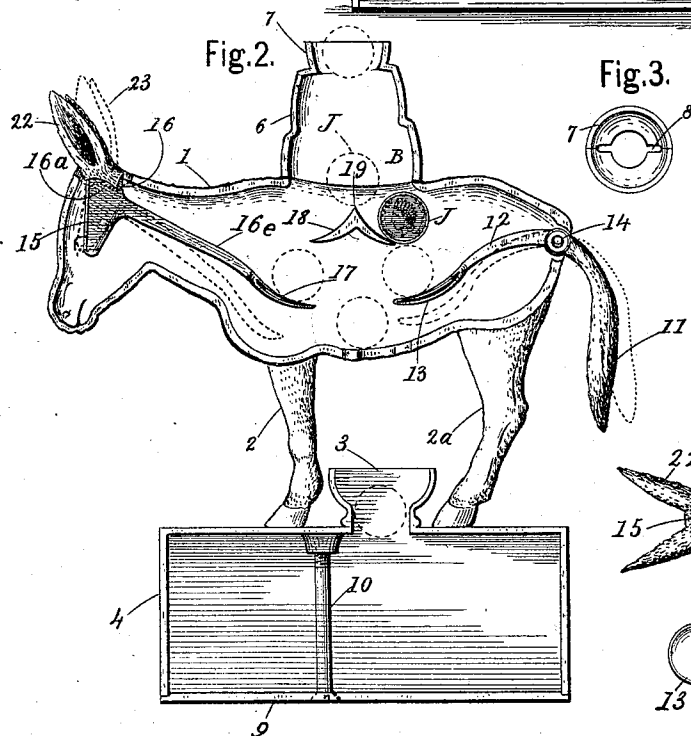
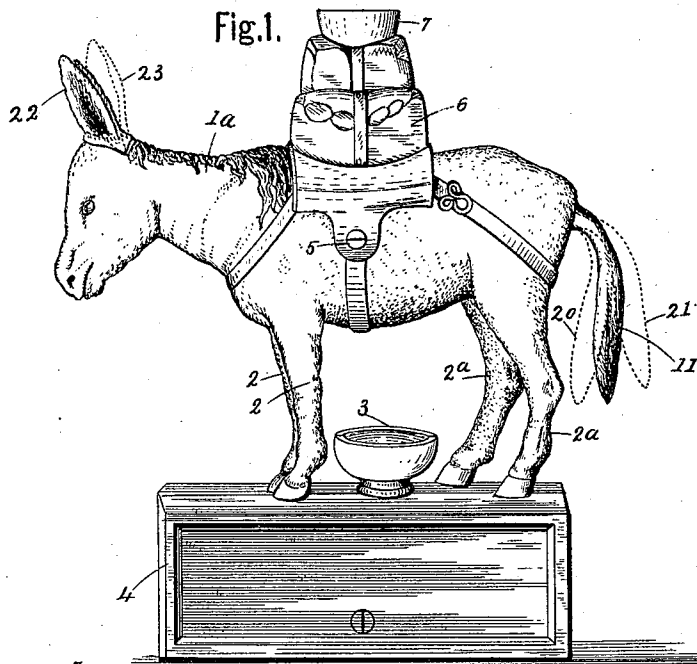


(No Model.)

E. ZIMMERMAN & J. A. REED.
TOY.

No. 579,630.

Patented Mar. 30, 1897.



Witnesses,
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UNITED STATES PATENT OFFICE.

EDWARD ZIMMERMAN AND JAMES A. REED, OF BUFFALO, NEW YORK.

TOY.

SPECIFICATION forming part of Letters Patent No. 579,630, dated March 30, 1897.

Application filed November 9, 1896. Serial No. 611,473. (No model.)

To all whom it may concern:

Be it known that we, EDWARD ZIMMERMAN and JAMES A. REED, citizens of the United States, residing at Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Toys, of which the following is a specification.

Our invention relates to a toy money-bank for amusement, and will be fully and clearly hereinafter described and claimed, reference being had to the accompanying drawings, in which—

Figure 1 represents a side elevation of a donkey and the several parts connected with it, showing the complete device. Fig. 2 also represents a side elevation, one-half of the donkey, his load, and the money-box being removed to expose the interior construction, showing also the removable bottom of the box. Fig. 3 represents a detached top view of the receiving-cup in which a cent or other suitable article is entered. Fig. 4 represents a detached front end elevation of that portion carrying the two ears. Fig. 5 represents a detached plan view of that portion shown in Fig. 4. Fig. 6 is a detached top plan view of the pivoted tail of the donkey.

Referring to the drawings for the details, the body of the device forming the donkey is formed in two parts 1 and 1^a. The two halves are made hollow, each having a front and rear leg 2 and 2^a, also one-half of the lower money-cup 3, and box or bank 4, the whole preferably formed in one integral piece of cast metal. Secured to the back of the donkey by a screw-bolt 5 or other well-known means is a portion 6, representing the animal's saddle and load, and at the top of the load is the upper money-cup 7. In the bottom of the money-cup is a slot or opening 8. (See Fig. 3.) This opening 8 is made in the form of a slotted opening, as shown, or a long narrow opening adapted to receive a piece of coin, a cent, or other article to operate the device, as will more clearly appear farther on. At the bottom of the money-box is a removable bottom plate 9, (see Fig. 2,) removably secured thereto by a screw-bolt 10.

The tail and ears of the animal are made separate and are pivotally connected in place thereto. The tail 11 (see Figs. 2 and 6) is provided with an inward-extending arm 12,

terminating in a spoon-shaped portion 13. In or about the center, so as to hang substantially on a balance, is a hole through which the pivotal pin 14 passes, as shown in Fig. 2.

The donkey's two ears are attached to a portion 15, having on each side a pivot edge 16, which rests upon supporting portions 16^a within the head, one of which is indicated by dotted lines, as in Fig. 2. At the rear side of the portion 15 is an arm 16^b, terminating in a spoon-shaped portion 17. Located about centrally over the spoon-shaped portions 13 and 17 (see Fig. 2) is secured a saddle 18, which extends upward from each side to a transverse ridge or edge 19. The saddle 18 may be secured to one of the side pieces 1 or 1^a by a screw, or it may be made in one integral piece therewith.

The operation of the device is as follows: When a cent J, nickel, or other article is dropped into the opening in the cup 7, it passes down and strikes on the edge 19 of the saddle 18, and on whichever side it inclines it will roll down. If it should incline over to the side B, it will roll down and strike the spoon-shaped portion 13 and set the tail 11 vibrating back and forth to or about the dotted lines 20 and 21. (See Fig. 1.) If it should roll on the other side, it will then set the ears 22 to wagging back and forth from or about their resting-points to or about the dotted lines 23. From thence the article drops down through an opening to and through the cup 3 into the bank, from which it can be removed when required by taking off the bottom, as hereinbefore stated.

This device is adapted to be used as a children's saving-bank and also as an amusing toy.

We do not confine ourselves to the design of the animal shown, as the same novel idea and principle can be used with a variety of other designs.

We claim as our invention—

1. In a toy, the combination with a suitable device representing an animal, of pivotal arms secured to the interior thereof, said arms having their exposed portions formed in the shape of the ears and tail of the said animal, a deflecting device, and suitable openings at the top and bottom of the body portion of said animal, whereby when a coin or other suit-

able article is dropped into the top opening it strikes against the deflecting device and is deflected thereby into contact with one of the said pivotal arms and thereby vibrates either the ears or the tail of the said animal.

2. A toy bank, consisting of a representation of an animal, two swinging arms pivoted thereto, and having their exposed portions formed in the shape of the ears and tail of the said animal, an opening to receive the coins, means for deflecting the coins so that either the tail or the ears may be vibrated, and a suitable receptacle and stand for holding the coins and supporting the animal, as set forth.

3. A toy, consisting of an animal having swinging or vibrating ears and tail and a deflecting device whereby either the ears or the tail may be vibrated upon the introduction of a coin or other suitable article, as set forth.

4. In a toy bank the combination with a suitable money-receptacle, of an animal mounted thereon provided with movable ears and tail and means whereby either the said ears or the tail is vibrated by the passage of a coin through the said animal and into the money-receptacle, as set forth.

5. A toy animal, consisting of a hollow shell body portion, a tail pivoted to the rear of the said body, and provided with an interior-extending portion, ears pivoted to the top of the head of the said body and also terminating in an interior-extending portion, openings at the top and bottom of the said body portion, and a deflecting device fastened to the interior of the body portion, whereby when a suitable article is introduced in the top opening in the body portion, it strikes against the deflecting device and is deflected into con-

tact with either the interior-extending portion of the ears or the interior-extending portion of the tail, as set forth.

6. A toy animal, provided with movable ears and tail, and mechanism whereby either the ears are vibrated while the tail remains stationary or the tail is vibrated while the ears are stationary according to the direction taken by a coin or other object dropped in an opening in the animal's back.

7. A toy animal, provided with movable ear and tail portions, and an opening for the insertion of a coin or other object, the dropping of the coin or other object therein giving a vibratory motion to one of said portions only.

8. A toy animal, provided with movable ears and tail, adapted to vibrate independently of each other and by dropping of a coin or other object, the said coin vibrating but one of said movable portions.

9. A toy bank, consisting of a money receptacle and support, an animal-figure mounted thereon and provided with movable ears and tail adapted to vibrate independently of each other and to be actuated by the dropping of a coin through the said animal, a slot in said animal for the insertion of the coin, a slot for directing the coin therefrom and to the receiving-cup of the money-receptacle, and a deflecting device for deflecting the coin either in one direction into vibratory contact with the movable ear portion or in another direction into vibratory contact with the movable tail portion.

EDWARD ZIMMERMAN.
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