

1,330,870.

Patented Feb. 17, 1920.

Fig. 1.

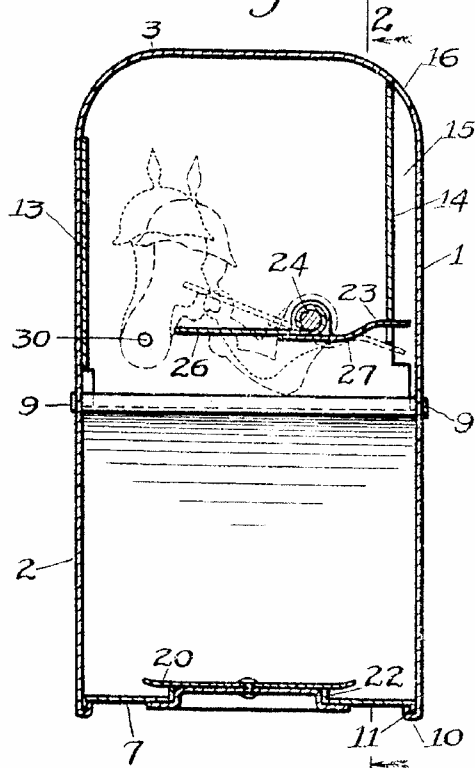


Fig. 2.

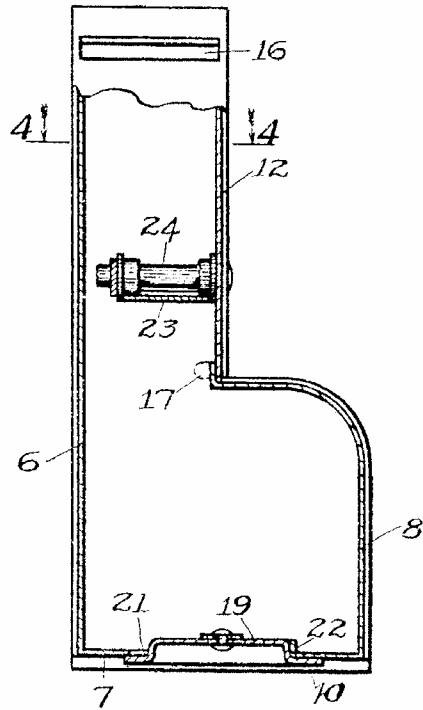


Fig. 3.

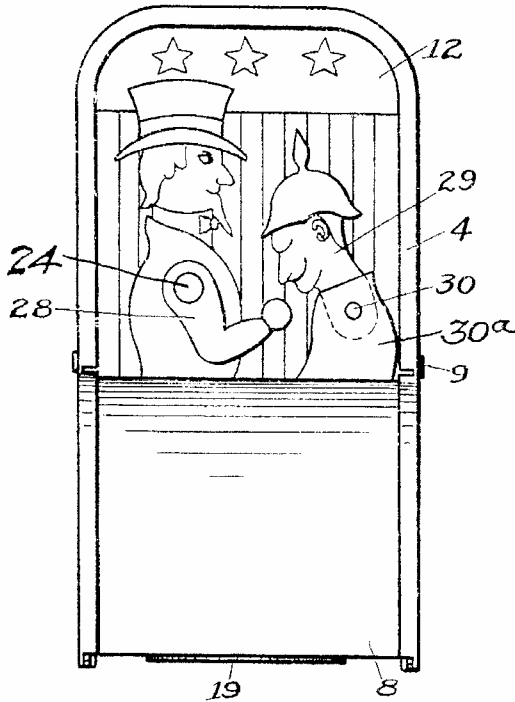
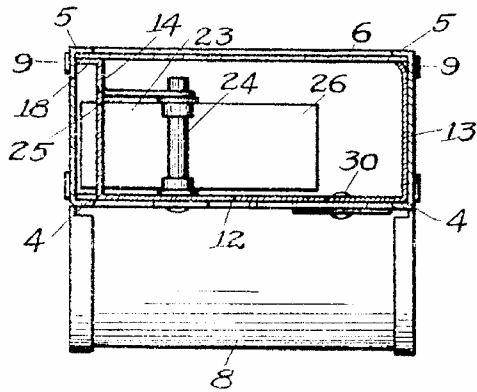


Fig. 4.



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# UNITED STATES PATENT OFFICE.

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COIN-ACTUATED APPLIANCE.

1,330,870.

Specification of Letters Patent.

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Application filed April 1, 1919. Serial No. 286,719.

To all whom it may concern:

Be it known that I, CHESTER A. HERLE, a citizen of the United States, and resident of Rochester, in the county of Monroe, and State of New York, have invented certain new and useful improvements in Coin-Actuated Appliances, of which the following is a specification.

The present invention relates to coin actuated appliances and more particularly to the type employing a chute combined with a figure having a movable part actuated by the coin passing through the chute, an object of this invention being to associate with said movable part, another movable part which has a normal position from which said second movable part is shifted by impact with the coin actuated movable part, thus permitting the two movable parts to cooperate for the purpose of amusement. Another object of the invention is to associate with the chute a toy bank which is novel in construction and inexpensive to manufacture while not being liable to get out of order.

Still another object of the invention is to provide a connection between the coin actuated movable part and a device which is engaged by the coin, said connection permitting the movable part to be moved independently of the coin engaged part so that the coin engaged part cannot be controlled through the movable part and can act as a coin trap to prevent the discharge of coins through the coin chute.

To these and other ends the invention consists of certain parts and combinations of parts, all of which will be hereinafter described, the novel features being pointed out in the appended claims.

In the drawings:

Figure 1 is a vertical section through a bank embodying the present invention;

Fig. 2 is a section on the line 2-2, Fig. 1, part of the bank being shown in side elevation;

Fig. 3 is a front view of a bank; and

Fig. 4 is a section on the line 4-4, Fig. 2.

In the present embodiment of the invention, the bank casing is formed of three sheet metal parts, one of said parts consisting of the side walls 1 and 2 and the top wall 3, the side walls being projected forwardly to provide a bulged lower portion to the bank and the front and rear edges of the side and top walls being provided with inwardly turned flanges 4 and 5. Another of the

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mitting the coin to pass into the bank. Normally the arm 23 lies against the lower edge of the flange 14 under the action of the arm 26 which performs the function of a weight. Should however, the bank be inverted the arm 26 will swing to the dotted line position shown in Fig. 1 without producing any movement of the arm 23, due to the fact that the arm 23 can turn loosely on the shaft 24 in one direction.

For the purpose of amusement the coin trapping device controls movable parts on the exterior of the bank. In the illustrated construction the upper part of the front wall of the bank is provided with two figures, one representing "Uncle Sam" and the other a German. One of these figures is provided with a movable part in the form of an arm 28 which is rigidly secured to the shaft 24 so as to turn with said shaft and arm 26, while the other figure has a movable part in the form of a movable head 29 pivoted at 30 behind a plate 30' and normally lying under the action of gravity in the forward direction so as to be in the path of the movement of the movable part 28. When the coin passes through the chute it engages the arm 23, actuates the latter and turns the shaft 24, thus swinging the outer end of the arm 28 in an upward direction causing said arm to impinge the movable part 29 which is then swung rearwardly under the force of the impact, returning again to its normal position under the action of gravity.

From the foregoing it will be seen that there has been provided a coin bank which may be inexpensively made from sheet metal to provide therein a coin chute. There has been associated with the coin chute a coin trapping device which also controls a movable part on the outside of the bank, this movable part having a lost motion connection with the coin trapping device so that the coin trapping device may not be controlled through the movable part. The movable part acts upon a gravity operated part under the influence of a coin and provides an amusement device in connection with the coin chute.

What I claim as my invention and desire to secure by Letters Patent is:

1. A coin receptacle having a coin chute, a movably mounted part on the receptacle, a coin trapping device having a portion arranged to be engaged by a coin passing through the chute to effect the movement of the movable part and to prevent the discharge of the coin from the chute, said

movably mounted part having a connection with the coin trapping device which will permit the movably mounted part to move in one direction without moving the coin trapping device.

2. In combination with a coin chute, a coin trapping device engaged and moved by a coin passing through the chute, and a movable part moved by the coin trapping device and having a connection with said device which will permit the part to be moved in one direction without moving the coin trapping device.

3. In combination with a coin receptacle having a coin chute; a movable part arranged on the exterior of the receptacle, a coin trapping device arranged within the receptacle to be engaged and moved by a coin passing through the chute to move the movable part, said device having a connection with the movable part which will permit the movable part to be moved in one direction without moving the coin trapping device.

4. In combination with a coin receptacle having a coin chute; a pivoted part having a portion arranged on the exterior of the receptacle and a portion arranged within the receptacle, and a second pivoted part having an axis common to the axis of the first named pivoted part and extending into the coin chute to be engaged by a coin passing through the chute, the first named pivoted part being moved in one direction by the second named pivoted part when the latter is engaged by a coin, but having a connection with the coin engaged part which will permit the first named part to move in the other direction independently of the coin engaged part.

5. In combination with a coin chute, two movable parts, one of which has a portion arranged to be shifted by a coin passing through the chute, and the other of which has a position to which it is moved by gravity and from which it moves by impact with the other movable part when the latter is moved by a coin.

6. In combination with a coin chute, a wall arranged at a plane at right angles to a coin passing through the chute and having two movable parts both held in normal positions by gravity, one of said parts being operable by a coin passing through the coin chute and the other of said parts being engaged and moved by the coin moved part when the latter is shifted by a coin.

CHESTER A. HERLE.