

UNITED STATES PATENT OFFICE.

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TOY BANK.

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To all whom it may concern:

Be it known that I, ANTHONY FOLTA, a citizen of the United States, residing at Clarkson, in the county of Colfax and State of Nebraska, have invented certain new and useful improvements in Toy Banks, of which the following is a specification.

This invention relates to certain new and useful improvements in toy banks, and particularly to a bank of the toy type wherein the depositing of a coin within the bank will cause the head and neck of the figure to swing backwardly and forwardly in simulation of the acknowledgment thereof and simultaneously sounding an alarm.

A further object of the invention is to provide in a toy of the type above set forth, a novel type of mounting for the head and neck portion thereof which will permit free swinging movement of the head and neck upon depositing a coin in the bank.

With the above and other objects in view as the nature of the invention is better understood, the same consists of the novel form, combination and arrangement of parts hereinafter more fully described, shown in the accompanying drawing and claimed.

In the drawing, wherein like reference characters designate corresponding parts throughout the several views,

Figure 1 is a front elevational view of a toy bank constructed in accordance with the present invention, the same being in simulation of a human figure,

Figure 2 is a vertical transverse sectional view showing the coin slot and the pivotally mounted head and neck portion of the figure with the plate depending from the neck and disposed adjacent the coin slot to be engaged by a coin,

Figure 3 is a fragmentary front elevational view of the neck portion and coin engaging plate,

Figure 4 is a detail sectional view showing the pivotal mounting of the neck portion,

Figure 5 is a detail sectional view taken on line V—V of Fig. 4, and

Figure 6 is a detail sectional view taken on line VI—VI of Fig. 5.

Referring more in detail to the accompanying drawing, there is illustrated a toy bank constructed in simulation of a human figure, the bank being of hollow construction and embodying a support 1 in simulation of the stump of a tree supporting at

its upper end a figure 2, the arms of which support an upturned hat 3 that constitutes the coin slot or receptacle that communicates with the chute 4 as shown in Fig. 2. The support 1 is mounted upon a base 5 that incloses a sliding drawer 6 provided with a key operated lock 7 into which coins projected through the chute 4 are received.

The structure being of hollow formation as shown in Fig. 2, has an opening 8 at the upper end thereof through which an elongated bar 9 representing a neck, supports a head 10 at its upper end, the bar 9 carrying diametrically opposite bearing pins 11 that are pivotally supported in opposite sides of the neck opening 8 as shown in detail in Figs. 4 to 6. The inner face of the neck opening 8 at opposite sides thereof carries inwardly directed shoulders 12 having bearing seats formed in the upper face thereof for the reception of bearing balls 13 and end thrust balls 13^a, the bearing pins 11 engaging said balls and being retained in position on the shoulders 12 by straps 14 that are fastened as at 15 to said shoulders.

The lower end of the bar 9 carries a depending rod 16 having an angularly disposed plate 17 at its lower end that is normally disposed to traverse the longitudinal axis of the coin chute 4 as shown in Fig. 2. The inner face of the rear wall of the support 1, as shown in Fig. 2 is provided with a gong 18 that is disposed in the path of movement of the plate 17.

In the operation of the device, a coin is dropped into the hat receptacle 3 and is discharged through the chute 4 to contact the plate 17, causing the plate to swing rearwardly and engage the gong 18 for sounding the same, and further causing pivotal movement of the bar 9 carrying the head 10 upon the bearing pins 11, the ball bearings for said pin permitting the head to swing backwardly and forwardly several times in simulation of the acknowledgment for the coins.

While there is herein shown and described the preferred embodiment of the present invention, it is nevertheless to be understood that minor changes may be made therein without departing from the spirit and scope of the invention as claimed.

What is claimed as new is:

1. In a toy bank of the type described, a hollow support, a key locked sliding door mounted in the lower end of the support,

said support having a coin chute therein, a bar pivotally mounted in the upper end of the support and carrying a head at its upper end, an arm depending from the bar, an angularly disposed plate carried by the lower end of the arm traversing the longitudinal axis of the coin chute adapted to be engaged by a coin for pivotally moving the bar and head, the pivotal mounting for the bar including lateral pins projecting therefrom, shoulders on the inner face of the bar and head, the pivotal mounting therefrom, shoulders on the inner face of the pins are mounted, ball bearings interposed between the pins and shoulders, and straps secured to the shoulders and overlying the pins for retaining the latter on the shoulders.

2. In a toy bank of the type described, a hollow support, a key locked sliding door mounted in the lower end of the support,

said support having a coin chute therein, a bar pivotally mounted in the upper end of the support and carrying a head at its upper end, an arm depending from the bar, an angularly disposed plate carried by the lower end of the arm traversing the longitudinal axis of the coin chute and adapted to be engaged by a coin to cause pivotal movement of the bar and head, the pivotal mounting for the bar including lateral pins projecting therefrom, shoulders on the inner face of the bar and head, the pivotal mounting therefrom, shoulders on the inner face of the pins are mounted, ball bearings interposed between the pins and shoulders, and straps secured to the shoulders and overlying the pins for retaining the latter on the shoulders.

In testimony whereof I affix my signature, ANTHONY FOLTA.