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1,461,821

N. S. EBERHARDT ET AL

FROG BANK

Filed May 2, 1922

Fig. 1.

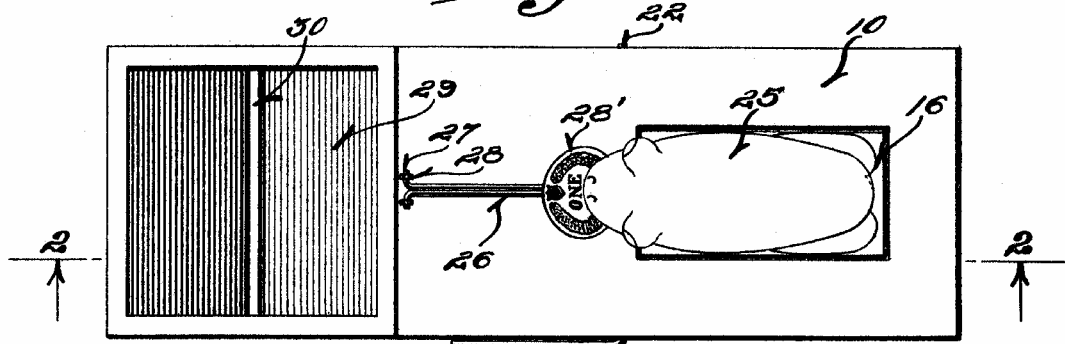


Fig. 2.

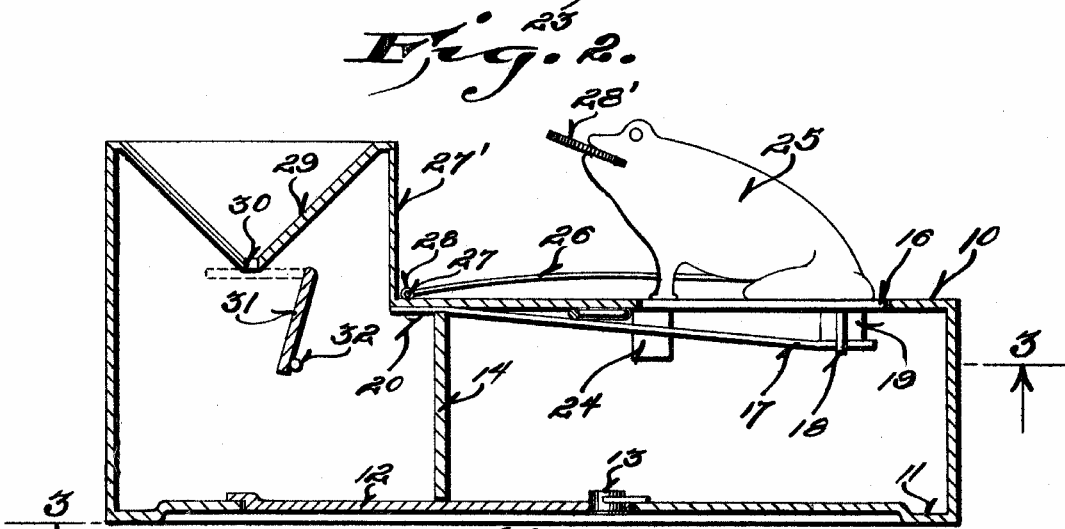
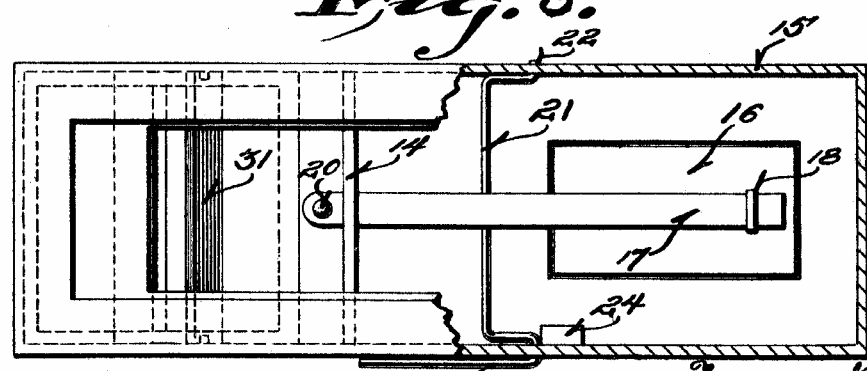


Fig. 3.



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UNITED STATES PATENT OFFICE.

NICHOLAS S. EBERHARDT AND ARTHUR E. HACKETT, OF MILWAUKEE, WISCONSIN.
FROG BANK.

Application filed May 2, 1922. Serial No. 557,894.

To all whom it may concern:

Be it known that we, NICHOLAS S. EBERHARDT and ARTHUR E. HACKETT, both citizens of the United States, and residents of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful improvements in Frog Banks; and we do hereby declare that the following is a full, clear, and exact description thereof.

The invention relates to toy banks. It comprises a container having a slot therein, adapted to receive a coin, a frog secured to a rod pivoted to a container, the mouth of the frog being adapted to receive a coin, and a depressible spring for throwing the frog upwardly and depositing the coin in the slot.

A primary object of the invention is the provision of a toy bank of an amusing and entertaining nature. By the convenient manipulation of a lever, the frog is thrown upwardly simulating the natural leap of a frog, and the coin is carried and deposited in a slot. The mechanism for initiating the movement of the frog is concealed so that the effect of the sudden leap is very pleasing and encourages the depositing of coin.

Additional objects are durability of parts and simplicity of construction, a single leaf spring being the primary motive force, so that the device is adapted to withstand long usage.

An additional object is the provision of a bank having a neat and ornamental appearance.

With the above and other objects in view which will appear as the description proceeds, the invention resides in the novel construction, combination and arrangement of parts substantially as hereinafter described and more particularly defined by the appended claims, it being understood that such changes in the precise embodiment of the herein disclosed invention may be made as come within the scope of the claims.

In the accompanying drawing, is illustrated one complete example of the physical embodiment of the present invention constructed according to the best mode so far devised for the practical application of the principles thereof, and in which:

Figure 1 is a plan view of the novel bank.
Figure 2 is a longitudinal vertical sectional view on the line 2-2 of Figure 1, and

Figure 3 is a section taken on the line 3-3 of Figure 2.

The bank body comprises top 10 and bottom 11, the bottom having a removable door 12 therein, retained in place by a lock 13 and contacting with a partition 14, extending between side walls 15 and forming two compartments, one of which is adapted to receive coins. The top 10 is cut away to receive the rectangular support 16, secured to a spring 17 by a metallic band 18 but spaced from the spring by a block 19. One end of the spring 17 is secured by a rivet 20, and is braced by the upper end of partition 14.

A transverse crank 21 has an end 22 secured in an opening of side wall 15, and the other end is directed thru a similar opening in the other side wall and bent laterally, forming a lever 23, which is conveniently disposed to be depressed by the finger, bringing crank 21 downwardly and depressing spring 17 over the surface of which the crank rides until its movement is limited by block 24, at which point the apparatus is set. The frog 25 is secured to arms 26, having laterally directed ends 27 received in eyes 28, whereby the frog may be moved upwardly until arms 26 contact with container wall 27.

After the lever 23 has been moved to lowest position, it may be urged in a reversed direction slightly and released, and the force of spring 17 will lift support 16 upwardly, throwing the frog into the air and causing it to travel in a manner simulating a leap. When the frog reaches its elevated position, it deposits coin 28' placed in its mouth into a hopper 29, having a slot 30 therein thru which the coin is deposited. A closure 31 is pivoted to the side walls 15 and limited in downward movement by stop 32. When the bank is turned over, the closure falls into dotted lined position and prevents the extraction of money. As the spring 17 is not visible to the eye, the lifting of the frog and its forward movement arouses curiosity and interest.

We claim:

1. The combination of a container having a slot therein, and having an opening in an upper wall, a support normally closing said opening and lying in the same plane with the upper wall, an animal resting on said support, means on said animal for retaining a coin, an arm secured to said animal

and pivoted to said upper wall, a spring secured to said support and means for depressing and releasing said spring to lift said animal and deposit a coin in said slot.

2. The combination of a container having a top provided with an opening, a hopper carried by said container and having a slot therein, an animal having an open mouth to receive a coin, an arm secured to said animal and pivoted to said top, a support in said opening providing a rest for said animal, an elongated spring secured to said top, a block

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interposed between said support and the end of said spring, a crank pivoted to said container, and a lever rigid with said crank for depressing said crank and said spring, and releasing said spring to lift said animal and deposit a coin in said hopper.

In testimony that we claim the foregoing we have hereunto set our hands at Milwaukee, Wisconsin, in the county of Milwaukee and State of Wisconsin.

NICHOLAS S. EBERHARDT,
ARTHUR E. HACKETT.