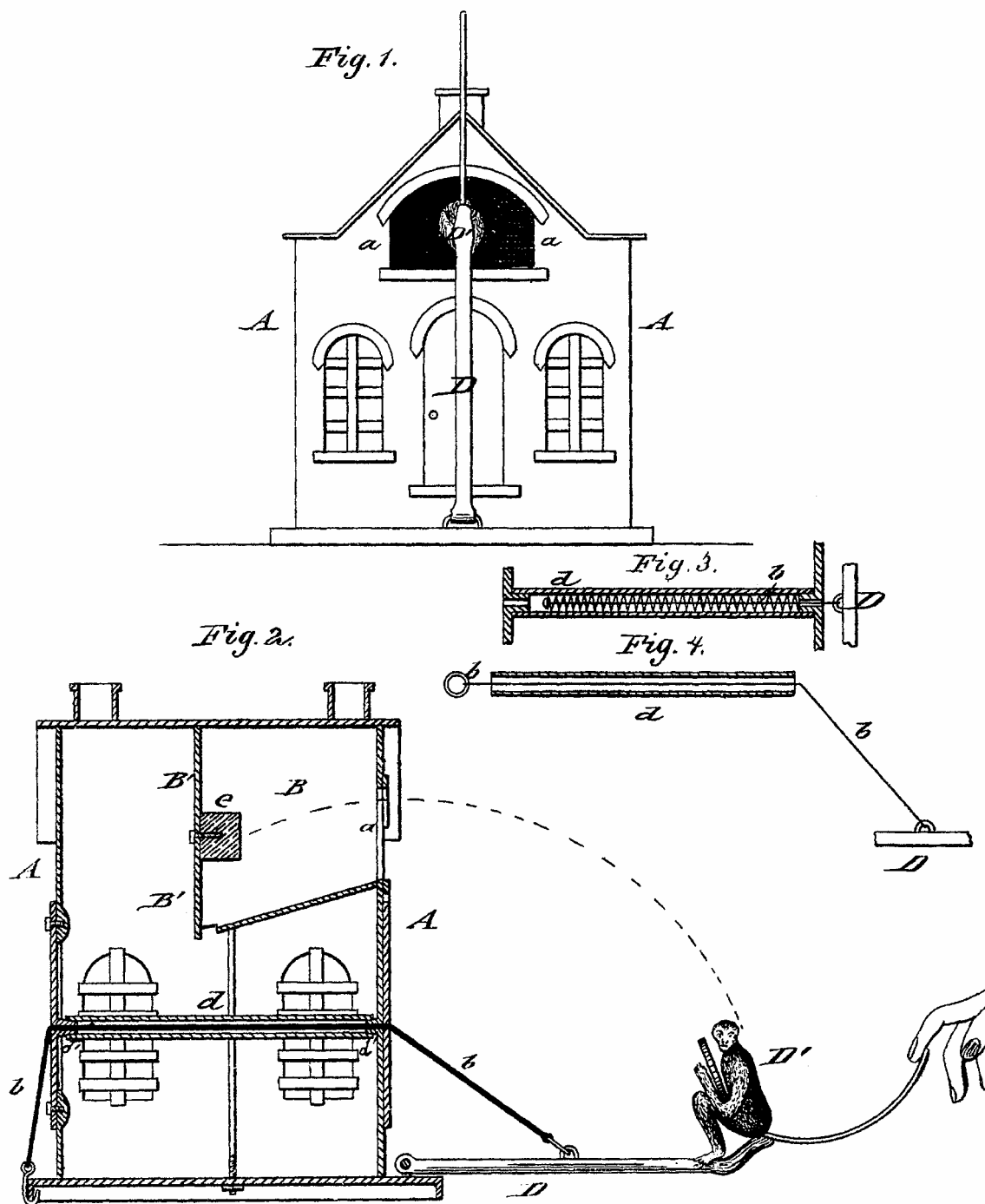


D. J. MAC LEAN.  
Toy-Bank.

No. 203,927.

Patented May 21, 1878.



WITNESSES:

Henry N. Miller.  
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# UNITED STATES PATENT OFFICE.

DANIEL JAMES MACLEAN, OF READING, PENNSYLVANIA.

## IMPROVEMENT IN TOY BANKS.

Specification forming part of Letters Patent No. 203,927, dated May 21, 1878; application filed March 11, 1878.

*To all whom it may concern:*

Be it known that I, DANIEL J. MACLEAN, of Reading, in the county of Berks and State of Pennsylvania, have invented a new and improved Toy Bank, of which the following is a specification:

In the accompanying drawing, Figure 1 represents an end elevation of my improved toy bank; Fig. 2, a vertical longitudinal section of the same; and Figs. 3 and 4 are detailed sectional views of the actuating spring and wire of the depositing figure.

Similar letters of reference indicate corresponding parts.

This invention relates to an improved toy bank, by which coins of any denomination or size may be deposited by means of a swinging figure, to the great amusement of children, and, at the same, a larger interior space furnished than is generally the case in toy banks with figures.

The invention consists of a swinging figure for depositing the coin, in connection with a conducting-chute at the upper part of the toy bank, and with an interior partition-wall, having a cushion for taking up the concussion of the figure.

Referring to the drawing, A represents a toy bank, of any suitable size and shape, which is provided at the upper part with an opening, *a*, and a chamber, B, with inclined bottom, that forms, with the lateral partition B' of the chamber B, a chute and slot for conducting and dropping the coins into the lower interior space of the bank.

To the base of the bank is hinged a swinging arm, D, that carries at the outer end a toy figure, D', that is shaped or recessed in such a manner as to receive and hold a coin of any size. To the hinged arm D is attached either a rubber cord, *b*, that passes through a guide-tube, *d*, in the inside of the bank, and is attached by its opposite end to the base of the same, as shown in Fig. 2; or a wire, cushioned by a spiral spring in the interior of the guide-tube *d*, as in Fig. 3; or merely a connecting-wire, with a ring or handle device at the opposite end, as in Fig. 4, may be used for operating the toy.

The partition B' is provided with a cushion,

*c*, of cork, rubber, or other elastic material, against which the toy figure strikes when swinging up into the opening of the bank.

The money is deposited by taking hold of the figure, pulling the same downward into horizontal position, inserting the coin into the recess of the figure, and then allowing the figure to spring up into the opening of the bank. The concussion of the figure with the cushion of the partition causes the money to drop out of the recess of the figure, and to slide down and along the chute, so as to be deposited in the bank.

The interior guide-tube *d* is made of tin or other material. The tube acts as a guard or protector to the rubber or other spring, or to the wire used to work the figure. It also prevents the money from coming in contact with the actuating mechanism of the figure, so that it cannot interfere with the same. The actuating mechanism, the guide-tube, the swinging arm, the toy figure, and cushion are all arranged in line with the longitudinal axis of the toy bank, so as to produce the reliable working of the device along the central line of the same.

The advantages of my toy bank are, first, that it holds more money than any other bank of the same size, on account of the small space taken up by the entrance-chamber, chute, and actuating mechanism of the toy figure; secondly, that any size of coin, from a cent to a trade-dollar, may be deposited with equal facility; and, lastly, that the working of the figure will cause great amusement to the children, while the actuating cords or wires will not get out of order, or, in case they should get worn out, may be readily replaced with little expense.

One of the doors is secured by screws, so that in removing the screws the money deposited in the bank may be readily taken out.

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

1. A toy bank having an opening at its upper part, a conducting-chute, and a lateral partition with central cushion, in combination with a swinging arm, carrying a coin-holding figure, and with an actuating mech-

anism to draw the figure into the bank, substantially as specified.

2. The toy bank having an entrance-chamber, with chute and cushioning device at the upper part, an interior guide-tube, a swinging arm, carrying a coin-holding figure, and an actuating spring, cord, or wire, passing through

guide-tube to the opposite side of toy bank, substantially as and for the purpose described.

DANIEL JAMES MACLEAN.

Witnesses:

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