

No. 677,601.

Patented July 2, 1901.

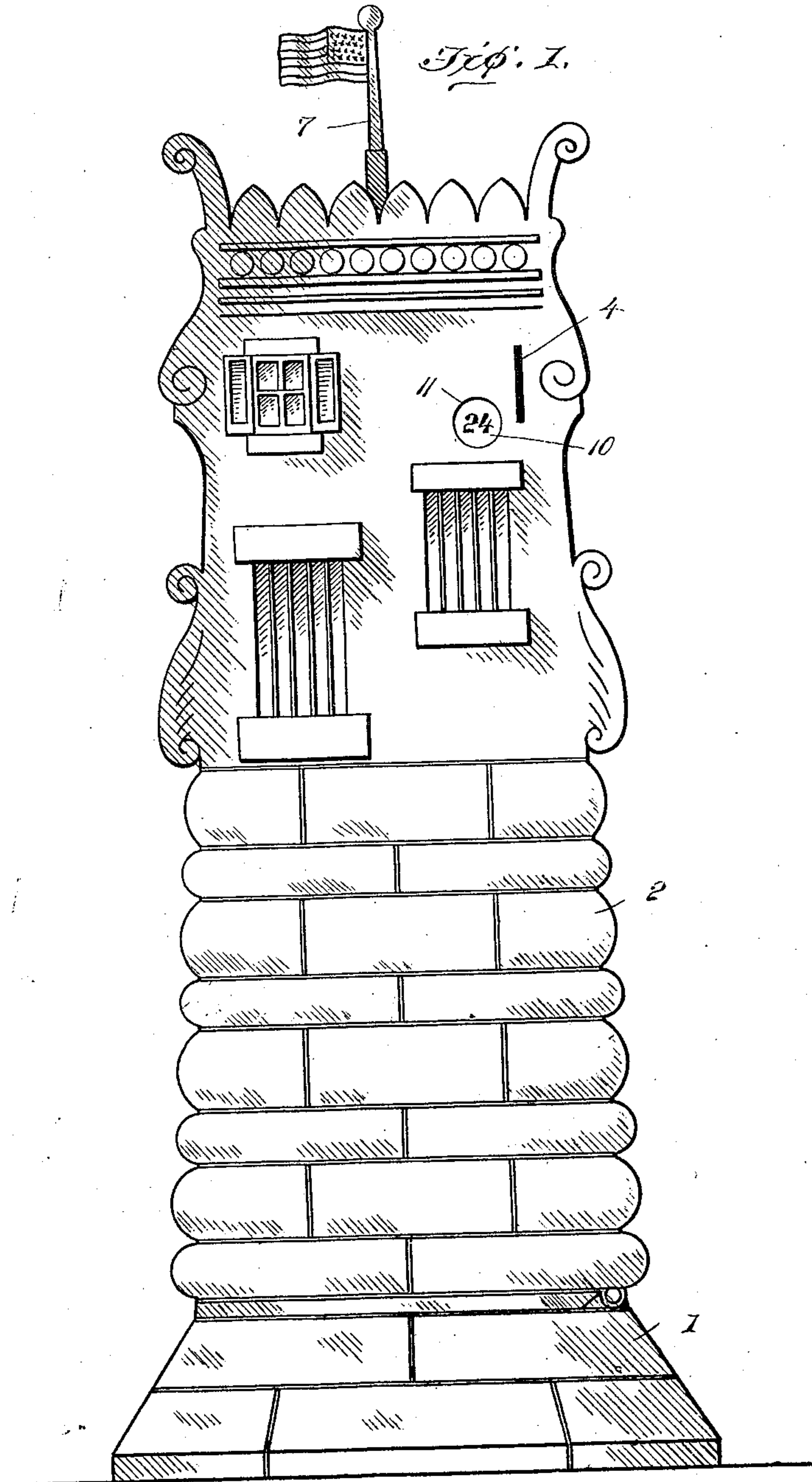
S. SCHMAUS.

TOY BANK.

(Application filed Jan. 21, 1901.)

2 Sheets—Sheet 1.

(No Model.)



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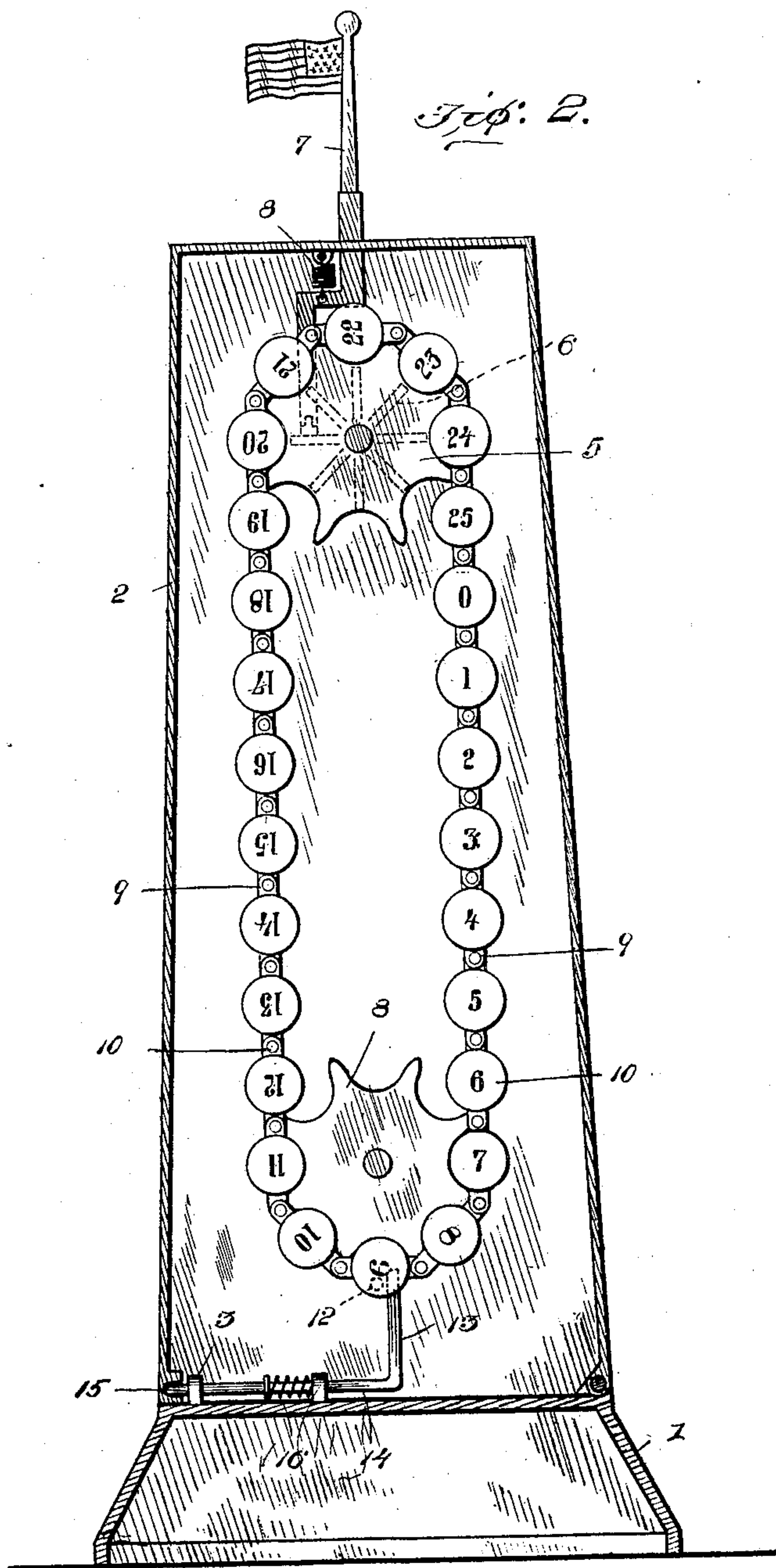
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(No Model.)



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UNITED STATES PATENT OFFICE.

SIMON SCHMAUS, OF BUFFALO, NEW YORK, ASSIGNOR OF ONE-HALF TO
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TOY BANK.

SPECIFICATION forming part of Letters Patent No. 677,601, dated July 2, 1901.

Application filed January 21, 1901. Serial No. 44,170. (No model.)

To all whom it may concern:

Be it known that I, SIMON SCHMAUS, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have invented new and useful Improvements in Toy Banks, of which the following is a specification.

This invention relates to new and useful improvements in toy banks; and its primary object is to provide a device of simple and durable construction which is cheap to manufacture and which is provided with a register, whereby the number of coins deposited may be indicated.

With these and other objects in view the invention consists in providing a base upon which is hinged a hollow receptacle. Sprocket-wheels or pulleys are journaled within the upper and lower ends of the casing, and secured thereto is a chain or belt bearing a suitable number of disks having numbers thereon. A stud extends from this chain or belt and is adapted at the end of each revolution of the chain or belt to contact with a locking-plate, which is slidably mounted upon the base and which serves to hold the base and casing normally locked together. A toothed wheel is secured to and revoluble with the upper sprocket or pulley and is adapted to be revolved one tooth at each depression of a rod mounted within the top of the casing. An inlet for the coins is arranged within the casing at the top thereof.

The invention also consists in the further novel construction and combination of parts hereinafter more fully described and claimed, and illustrated in the accompanying drawings, showing the preferred form of my invention, and in which—

Figure 1 is a side elevation of the device, and Fig. 2 is a vertical section.

Referring to the figures by numerals of reference, 1 is a base of any suitable construction, to the top of which, at one edge, is hinged a casing 2. An ear 3 extends upward from the base at the edge farthest removed from the hinge and is adapted to extend into the casing when the same is in closed position. Both the casing and the base may be provided with suitable ornamentations, and a slot 4 is arranged within the casing, within the upper

end thereof, so as to permit a coin to be deposited within the bank. A sprocket-wheel or pulley 5 is journaled within the casing adjacent to the top thereof, and secured to this wheel is a toothed wheel 6, which is adapted to be turned a predetermined distance upon each depression of a rod 7, which is slidably mounted within the top of the casing. A sprocket or pulley 8 is journaled within the casing adjacent to the bottom thereof, and mounted upon the two sprockets or pulleys is a chain or belt 9, having disks 10 secured thereon at regular intervals. These disks are provided with numerals ranging from "0" to "25" or any other desired number. An aperture 11 is formed in the front of the casing, and the disks 10 are adapted to be brought into register therewith successively. A stud 12 extends laterally from the chain or belt and is adapted to contact with a hook 13, which is formed at the end of a sliding rod 14, mounted upon the base. This rod is adapted to extend into an aperture formed within the ear 3 of the base and into a recess 15 within the casing at the bottom thereof. A spring 16 serves to hold the rod normally in engagement with the ear and the casing, thereby locking the two together. The stud 12 is so arranged upon the chain or belt as to contact with the hook 13 when the highest number upon the chain or belt reaches the aperture 11 in the casing.

From the foregoing description it is believed that the operation of the device will be readily understood.

Whenever a coin is deposited within the bank, the rod 7 is depressed, causing the sprockets or pulleys to revolve and bringing the numbers below the aperture 11 one at a time and successively. When the chain or belt has made one revolution, the stud thereon will contact with the hook 13 and withdraw the rod 14, and the bank will then be unlocked, and the casing can be readily swung open upon its hinges.

In the foregoing description I have embodied the preferred form of my invention; but I do not limit myself thereto, as I am aware that modifications may be made therein without departing from the spirit or sacrificing the advantages thereof, and I therefore

reserve the right to make all such changes as may fairly fall within the scope of my invention.

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

1. A toy bank comprising a base, a casing supported thereon and formed with an aperture; a chain or belt revolubly supported within the casing, numbered disks on said chain or belt adapted to register with said aperture, a locking device for the casing; and means operated by said chain or belt for unlocking the casing at each revolution of the chain or belt.

2. The combination with a base; having an ear extending therefrom; of a casing hinged to the base and extending over said ear; a slide upon the base engaging the ear and the casing; a spring for holding said slide normally in engagement therewith; sprockets or pulleys journaled within the casing; a chain or belt mounted upon the sprockets or pulleys; a stud extending from the chain or belt and adapted to engage the slide once upon each revolution of the chain or belt and withdraw

the same from engagement with the casing; and means for imparting motion to the sprockets or pulleys and chain or belt.

3. The combination with a base having an ear extending therefrom; of a casing hinged to the base and extending from the ear; a spring-controlled slide mounted upon the base and normally engaging the ear and the casing; sprockets or pulleys journaled within the casing; a chain or belt mounted upon the sprockets or pulleys; a stud extending from the chain or belt and adapted to contact with and withdraw the slide once upon each revolution of the chain or belt; disks mounted upon the chain or belt and adapted to be exposed successively through an aperture within the casing; a toothed wheel to one of the sprockets or pulleys; a rod adapted to revolve said wheel; and an inlet to the casing.

In testimony whereof I affix my signature in presence of two witnesses.

SIMON SCHMAUS.

Witnesses:

FRANK KERTZ,
FRANK J. STAPP.