

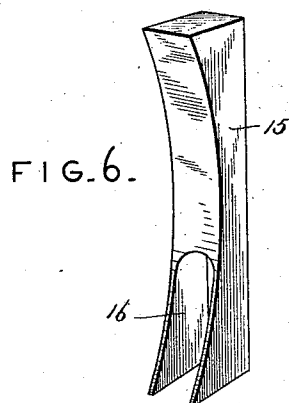
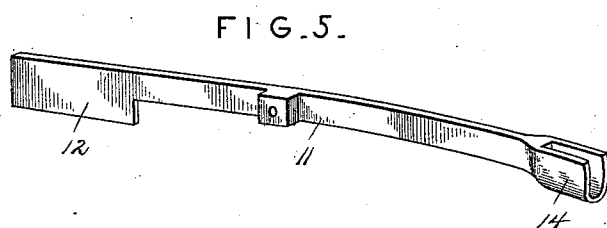
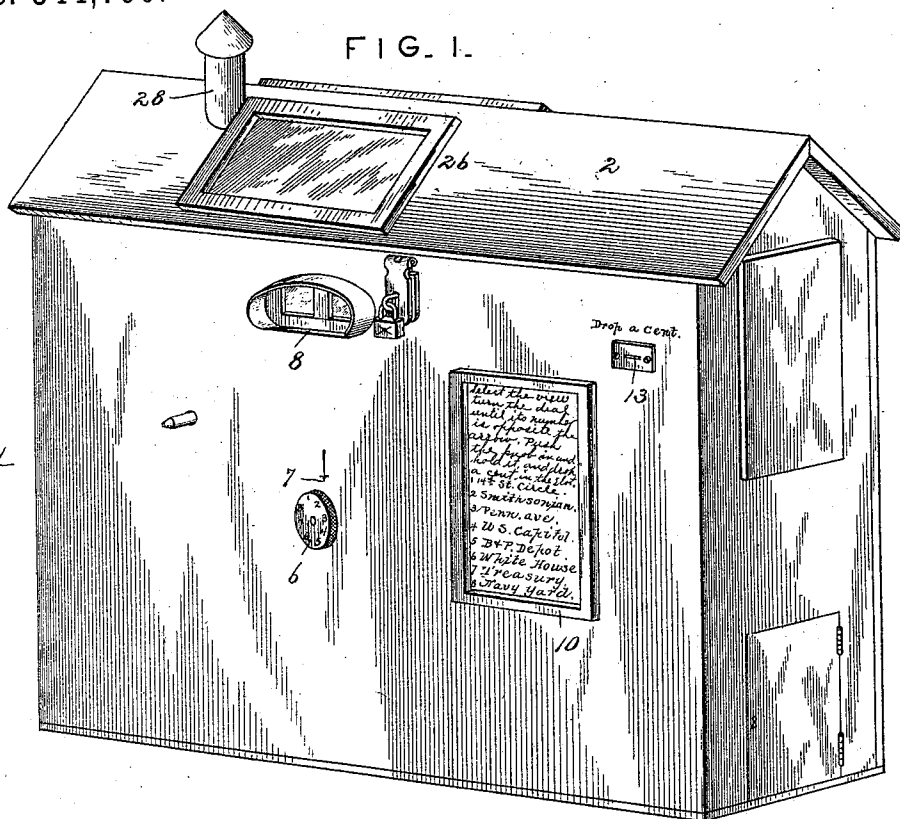
(No Model.)

2 Sheets—Sheet 1.

C. M. McCARTY.
COIN OPERATED PICTURE EXHIBITOR.

No. 544,790.

Patented Aug. 20, 1895.



Inventor

Cornelius M. McCarty

Witnesses

Harry L. Amer.
J. F. H. Pley

By His Attorneys.

C. A. Snow & Co.

(No Model.)

2 Sheets—Sheet 2.

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FIG. 2.

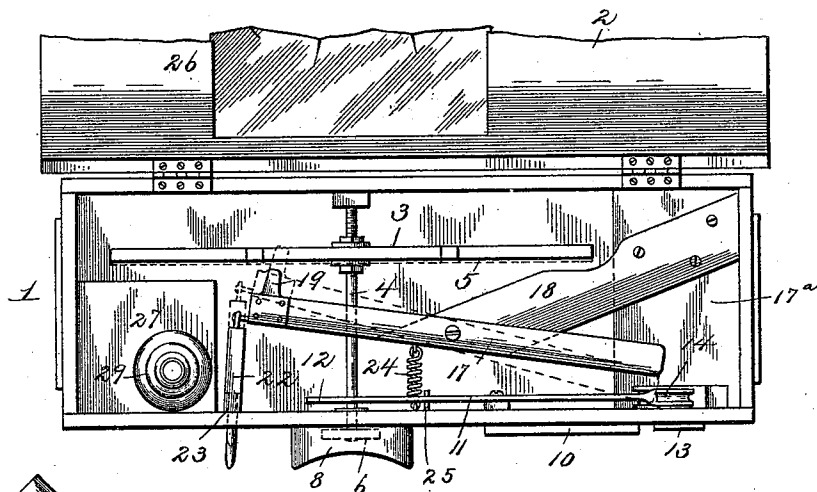


FIG. 3.

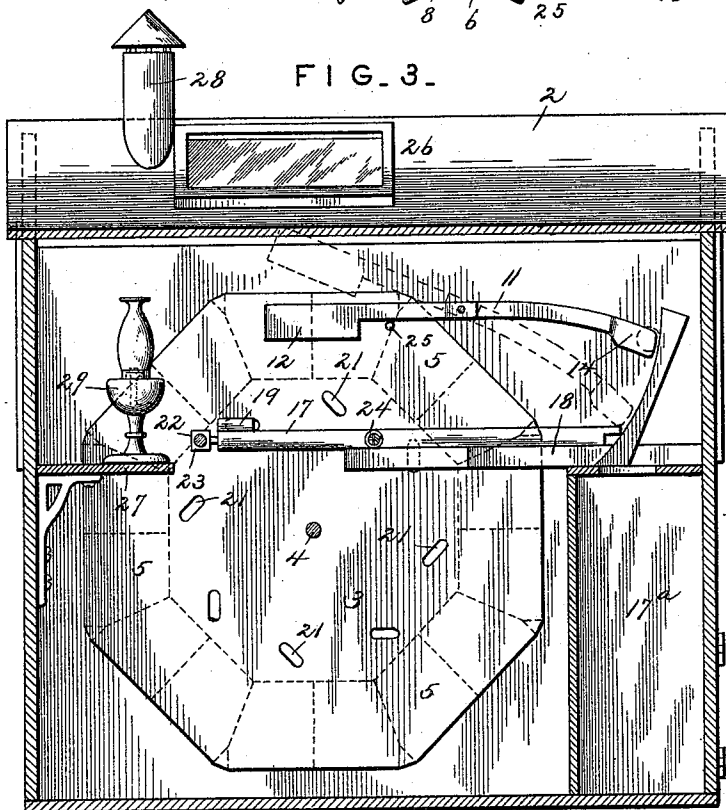
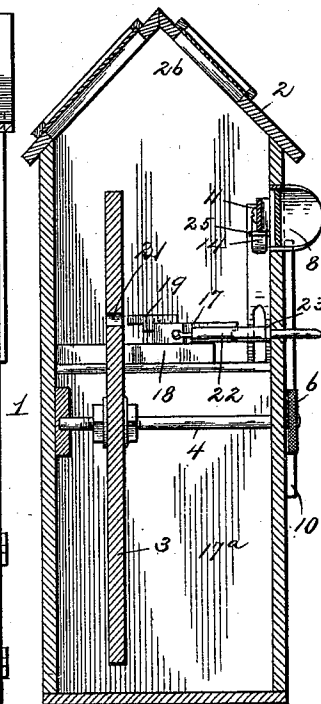


FIG. 4.



Inventor

Witnesses

Harry L. Ames.
J. F. Riley

By His Attorneys.

Cornelius M. McCarty.

C. Snow & Co.

UNITED STATES PATENT OFFICE.

CORNELIUS M. McCARTY, OF ROMNEY, WEST VIRGINIA, ASSIGNOR OF ONE-HALF TO BION L. HARMISON, OF SAME PLACE.

COIN-OPERATED PICTURE-EXHIBITOR.

SPECIFICATION forming part of Letters Patent No. 544,790, dated August 20, 1895.

Application filed May 21, 1895. Serial No. 550,123. (No model.)

To all whom it may concern:

Be it known that I, CORNELIUS M. McCARTY, a citizen of the United States, residing at Romney, in the county of Hampshire and State of West Virginia, have invented a new and useful Coin-Operated Picture-Exhibitor, of which the following is a specification.

The invention relates to improvements in coin-operated picture-exhibitors.

The object of the present invention is to improve the construction of coin-operated picture-exhibitors and to provide a simple and inexpensive one, capable of being operated by a cent or other desired coin, and adapted to exhibit any one of a series of pictures to the person depositing the coin, and to prevent more than one picture to be seen at each operation.

The invention consists in the construction and novel combination and arrangement of parts, hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a coin-operated picture-exhibitor constructed in accordance with this invention. Fig. 2 is a plan view, the hinge-top being swung back. Fig. 3 is a longitudinal sectional view. Fig. 4 is a transverse sectional view. Fig. 5 is a detail perspective view of the coin-operated shutter-carrying lever. Fig. 6 is a detail perspective view of the coin-support.

Like numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates a substantially rectangular casing provided with an oppositely-inclined top 2, hinged at its rear edge to the rear side of the casing and adapted to be swung back, as illustrated in Fig. 2 of the accompanying drawings, to afford access to the interior of the casing for the purpose of changing the pictures exhibited or for inspecting the mechanism or other analogous purposes. Within the casing is mounted a vertically-disposed rotary picture-carrier 3, fixed to a horizontal shaft 4, and being substantially circular, having pictures 5 secured to its front face and arranged in an annular series.

The horizontal shaft 4 is extended through the front side of the casing and is provided

with a hand-wheel 6, bearing a series of numbers corresponding to the pictures mounted on the movable carrier 3, and adapted to have any one of its numbers made to register with an indicator-point 7, to carry the corresponding picture opposite the exhibiting-opening 8 of the casing. Within the exhibiting-opening is mounted any suitable magnifying-glass or device for enlarging the pictures of the movable carrier 3.

On the front of the casing, adjacent to the hand-wheel 6, is detachably secured a frame 10, designed to contain a card having printed directions for operating the apparatus and a printed list of the pictures mounted on the movable carrier. The frame 10 is provided with a glass and is adapted to be readily detached, to enable the card to be changed when the pictures of the carrier are changed. The series of pictures of the movable carrier may be changed from time to time, as may be found necessary or desirable, and any suitable means may be employed for detachably securing the pictures to the front face of the carrier.

On the inner face of the front side of the casing is pivoted a lever 11, which is fulcrumed intermediate of its ends and carries at one end a shutter 12, normally located over the exhibit-opening of the casing and the glass thereof to conceal the pictures. The other end of the lever 11 is located beneath a coin-slot 13 of the casing, and is provided with a pocket or receptacle 14 adapted to catch each coin deposited in the slot 13. The weight of the coin overbalances the shutter 12 and swings the latter upward from the opening 8 and exposes the picture opposite the same.

The end of the lever is enlarged at the coin receptacle or pocket 14, and the latter is open at its top and outer end. A coin is retained in the pocket or receptacle by a curved coin-support 15, located at the end of the lever 11 and arranged in the path of the same, and the coin-support is provided at its bottom with a slot or opening 16, which permits the coin to fall into a cash box or receptacle 17, when the coin-holding end of the lever 11 swings downward sufficiently for that purpose.

The weight of a coin is sufficient to swing the coin-holding end of the lever downward

to the slot or opening 16, but the downward movement of this end of the lever is temporarily stopped by a horizontally-disposed lever 17, fulcrumed intermediate of its ends on a support 18 and provided at one end with a dog 19 for engaging and locking the movable carrier, and the other end of the lever 17 is arranged to swing beneath the coin-holding end of the coin-operated lever simultaneously with the locking of the movable carrier.

The movable carrier is provided with an annular series of recesses or openings 21 for the reception of the dog 19 of the locking-lever, which is operated by a push-bar 22 projecting through the front side of the casing and disposed horizontally and provided with a shoulder 23 to limit the outward movement of the push-bar.

The dog 19 is normally held out of engagement with the movable carrier by a spring 24 to maintain the movable carrier perfectly free to be rotated in either direction, in order that the operator, preparatory to depositing a coin in the slot 13, may rotate the movable carrier to bring the desired picture of the series in position to be seen. The spring 24 has one end secured to the casing and its other end attached to the locking-lever 17. After the movable carrier has been rotated to bring the desired picture in position to be seen it is locked in that position against movement by forcing the push-bar 22 inward against the action of the spring 24 to carry the dog 19 of the locking-lever into the adjacent recess or opening 21. Simultaneous with this operation the other end 20 of the locking-lever is carried to a point beneath the coin-operated lever. The coin is then deposited in the slot to open the shutter, which will remain open as long as the push-bar is held in this position. As soon as the push-bar is released the spring 24 draws the locking-lever 17 out of engagement with the movable carrier, simultaneously carrying the end 20 of the locking-lever from beneath the coin-operated lever, and the support being withdrawn the weight of the coin forces the coin-operated lever downward until the coin drops out of the pocket or receptacle, passing through the slot or opening 16 and falling into the money-compartment.

The shutter-carrying end of the coin-operated lever is slightly heavier than the coin-receiving arm thereof, and the shutter is normally maintained in proper position for concealing the pictures and closing the opening 8 of the casing by a stop 25.

The casing is provided with a door opening into the money-compartment, and provided with suitable locking mechanism, and the hinged top is secured by a suitable lock. The top is provided with a semi-transparent portion, located above the movable carrier at 26, and adapted to admit sufficient light to enable the pictures to be clearly seen. This transparent portion is preferably formed by ground or similar glass which, while admitting the

light, will not permit a view of the pictures. A lamp may be provided, if desired, and when used is arranged at one end of the casing on a shelf 27, and a flue or metallic chimney 28 is provided for the lamp 29.

It will be seen that the picture-exhibitor is exceedingly simple and inexpensive in construction, that it is positive and reliable in operation, and that while permitting any one of a series of pictures to be viewed at one operation by a coin it will effectually prevent more than one picture being seen.

Changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

What I claim is—

1. In a coin operated picture exhibitor, the combination of a casing, a movable picture carrier, a coin operated shutter carrying lever provided with a coin recess or receptacle, a locking lever arranged to engage and lock the movable carrier, and adapted to support the coin operated lever, and means for operating the locking lever and for actuating the movable picture carrier, substantially as described.

2. In a coin operated picture exhibitor, the combination of a casing, provided with an exhibiting opening and having a coin slot, a coin operated lever provided with a coin recess or pocket arranged adjacent to the coin slot and adapted to receive a coin, a shutter located at the other end of the lever and normally covering the exhibiting opening and carried by the lever, a movable picture carrier, a locking lever having one end arranged to engage the movable carrier, and its other end arranged to support the coin operated lever, and a push-bar connected with the locking lever and adapted to operate the same, substantially as described.

3. In a coin operated picture exhibitor, the combination of a casing having an exhibiting opening and provided with a coin slot, a vertically swinging coin operated lever fulcrumed intermediate of its ends and provided at one end with a coin recess or pocket, and having at its other end a shutter normally arranged over the exhibiting opening, a coin support arranged adjacent to the coin recess or pocket of the lever, and provided at its bottom with an opening, a movable picture carrier, and a horizontally pivoted locking lever having one end arranged to engage the picture carrier, and its other end arranged to support the coin operated lever above the coin support, substantially as described.

4. In a coin operated picture exhibitor, the combination with a casing, a rotary picture carrier provided with an annular series of recesses or openings, a horizontally disposed locking lever, provided at one end with a dog for engaging the openings or recesses of the picture carrier, a coin operated lever located above the locking lever and adapted to be

supported by the other end of the same, and a push-bar connected with and operating the locking lever, substantially as described.

5 In a coin operated picture exhibitor, the combination of a casing having an exhibiting opening, and provided with a coin slot, a movable picture carrier, a shutter for closing the exhibiting opening, a vertically swinging coin operated lever connected with and operating the shutter, and a horizontally swinging locking lever having one end arranged to

engage and lock the movable picture carrier, and having its other end arranged to support the coin operated lever, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

CORNELIUS M. McCARTY.

Witnesses:

JOHN G. HOUSER,

JOSEPH B. BEDINGER.