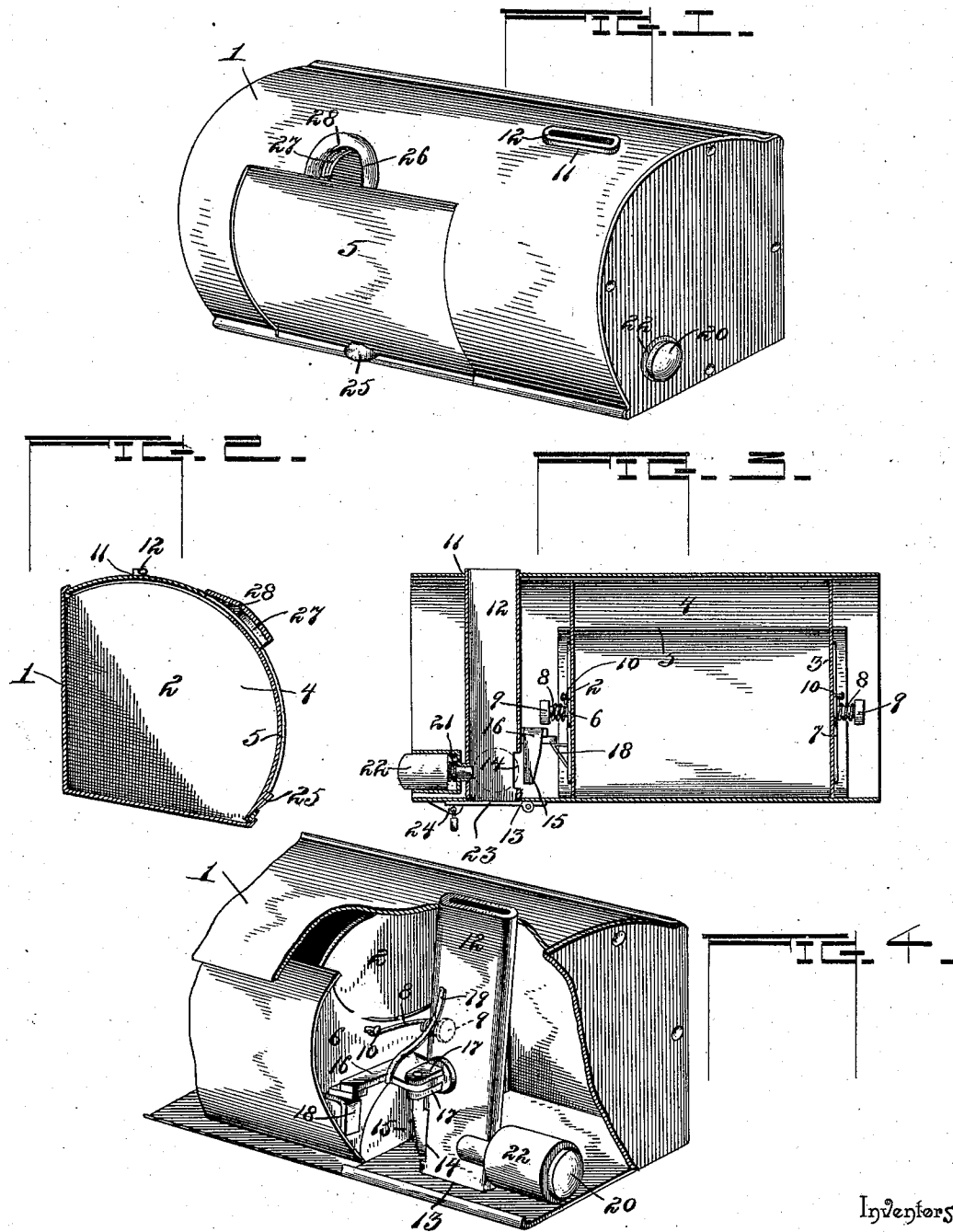


(No Model.)

A. A. REASER & J. H. McLAUGHLIN.
COIN CONTROLLED RECEPTACLE.

No. 576,151.

Patented Feb. 2, 1897.



Witnesses

Milton O'Connell,
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UNITED STATES PATENT OFFICE.

ARTHUR A. REASER AND JOSEPH H. McLAUGHLIN, OF LINCOLN, NEBRASKA.

COIN-CONTROLLED RECEPTACLE.

SPECIFICATION forming part of Letters Patent No. 576,151, dated February 2, 1897.

Application filed July 11, 1896. Serial No. 598,869. (No model.)

To all whom it may concern:

Be it known that we, ARTHUR A. REASER and JOSEPH H. McLAUGHLIN, citizens of the United States, residing at Lincoln, in the county of Lancaster and State of Nebraska, have invented a new and useful Coin-Controlled Receptacle, of which the following is a specification.

The invention relates to improvements in coin-controlled receptacles.

The object of the present invention is to improve the construction of coin-controlled receptacles and to provide a simple and comparatively inexpensive one designed to be mounted on the backs of the seats of a theater or other place of amusement, designed to contain a box of confectionery or other article to be sold or rented, and capable of being readily opened to obtain access to its contents when a coin of the proper denomination is deposited into it.

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-controlled receptacle constructed in accordance with this invention. Fig. 2 is a central transverse sectional view. Fig. 3 is a longitudinal sectional view. Fig. 4 is a perspective view of one end of the device, the casing being broken away.

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

1 designates a casing constructed of suitable material, provided with a flat back, bottom, and ends, and having its front and top continuously curved. The casing, which is designed to be secured to the back of a theater-seat, is provided with transverse partitions 2 and 3, forming a central compartment 4 for the reception of a box of confectionery or any other article which is designed to be either sold or rented, and the space between the transverse partitions and the ends of the casing form end compartments and receive the operating mechanism.

The front of the casing is provided with an opening affording access to the central or main compartment and the contents thereof,

and the casing is normally closed by a curved door 5, arranged on the inner face of the continuously-curved front and top of the casing and provided at its ends with radially-disposed arms 6 and 7, which are arranged within the end compartments and centrally pivoted to the transverse partitions. The transverse partitions have curved front and upper edges, which are separated from the inner face of the continuously-curved front and top sufficiently to provide a space in which the curved cover slides.

When the curved door is released by the means hereinafter described, it is automatically opened by springs 8, mounted on pivots 9 of the arms 6 and 7 and connected with the latter by engaging projections 10 thereof.

The casing is provided at its top with a coin-slot 11, and it has mounted in it a coin-tube 12, which is disposed at a slight inclination and which extends downward from the slot 11 to the bottom of the casing to a similar slot 13. The coin-tube, which forms a chute for coins, is provided at the inner edge of its lower end with an opening 14, adjacent to which is arranged a depending arm 15 of a spring-actuated coin-operated lever 16. The spring-actuated coin-operated lever 16, which is disposed substantially horizontally, is substantially L-shaped and has one arm fulcrumed on the coin-chute between perforated ears 17. Its other arm is arranged to engage a lug 18 of the arm 6 of the door, and it is held in such engagement when the door is closed by a spring 19, secured at its upper end to the coin-chute and having its lower end engaging the lever. The lug 18 forms an upper shoulder, and its lower face is beveled to enable it to engage the coin-operated lever automatically when the door is closed.

A spring-actuated push-bar 20 is arranged at the outer edge of the coin-chute and is adapted, when a coin is located in the chute, to be forced inward against the action of the spring 21 to cause the coin to engage the depending arm 15 of the lever 16, whereby the latter is withdrawn from engagement with the lug 18 to permit the door to open. The push-bar, which extends through an opening of the adjacent end of the casing, consists of a head mounted in a sleeve 22 and a shank extending through a tubular extension of the

sleeve and adapted, when the push-bar is moved inward, to project into the coin tube or chute sufficiently to force a coin into engagement with the lever 16, as before described.

The receptacle, which is preferably constructed to be operated by a dime, but which may be made to operate with any other coin, is provided at its bottom with a hinged bar 23, arranged to cover the slot 13 to prevent a coin from passing entirely through the casing. The bar 23, which is hinged at one end, has its other end bifurcated and is designed to be secured in a position over the slot by a suitable padlock or other fastening device. A depending flange 24 is arranged at one end of the slot 13 and is adapted to extend through a bifurcation of the bar 23 when the latter is closed in order that the shackle of a padlock may lock the bar 23 in its closed position.

The door is provided at its lower edge with an exteriorly-arranged lug 25, forming a finger-piece to enable the door to be readily closed, and the casing is provided at the top of the door-opening with a recess 26, receiving the lug 25 when the door is open. A cushion 27 is arranged at the recess 26 and consists of a strip of rubber arranged within a groove extending around the recess and preferably formed by a substantially U-shaped plate 28, secured to the outer face of the casing.

It will be seen that the coin-controlled receptacle is exceedingly simple in construction, that it is positive and reliable in operation, and that it is adapted to contain an article to be either sold or rented, and is capable of affording access to the same when a coin of the proper denomination is deposited into it.

What we claim is—

1. In a device of the class described, the combination of a casing provided with a curved front having a door-opening, a curved spring-actuated door arranged at the front of the casing and adapted to open automatically when released, a coin-operated lever consisting of a horizontally-disposed L-shaped portion pivoted at one end, and having its other end engaging the door to lock the latter in its closed position, and a depending arm adapted to be engaged by a coin, a coin-chute arranged adjacent to the said depending arm, and a push-bar located adjacent to the coin-chute

and adapted to force a coin into contact with the said depending arm, substantially as and for the purpose described.

2. In a device of the class described, the combination of a casing having a continuously-curved front and top and provided with a door-opening, transverse partitions arranged within the casing, disposed at opposite ends of the door-opening and having upper front edges separated from the casing, a curved door operating in the space between the partitions and the casing and provided with radial arms pivoted to the partitions, a coin-chute arranged within the casing, a spring-actuated coin-operated lever located at one side of the coin-chute and engaging the adjacent arm of the door, whereby the latter is locked in its closed position, and a push-bar located at the opposite side of the coin-chute, substantially as described.

3. In a device of the class described, the combination of a casing having a continuous curved front and top, transverse partitions, a curved door provided with radial arms pivoted to the partitions, springs mounted on the pivots and connected with the arms for automatically opening the door, a coin-chute arranged within the casing, a beveled lug mounted on the adjacent arm, a spring-actuated coin-operated lever fulcrumed on the coin-chute and arranged to engage the said lug, and a push-bar located at the opposite side of the front chute, substantially as described.

4. In a device of the class described, the combination of a casing having a door-opening and provided at the top thereof with a recess, a spring-actuated door having a lug forming a finger-piece and arranged to enter the said recess when the door is opened, a cushion extending around the recess and adapted to be engaged by the lug, and coin-operated mechanism for controlling the opening of the door, substantially as described.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in the presence of two witnesses.

ARTHUR A. REASER.

JOSEPH H. McLAUGHLIN.

Witnesses:

R. CUNNINGHAM,

M. M. DE LENIS.