No. 613,163. Patented Oct. 25, 1898.

A. M. LIPPERT.

COIN CONTROLLED APPARATUS.

(Application filed Mar. 8, 1898.)

(No Model.)

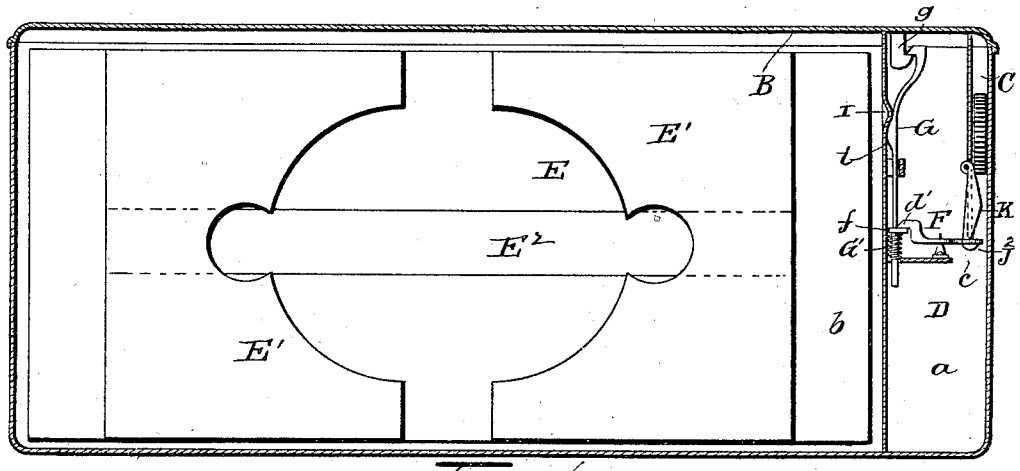

FIG. 1.

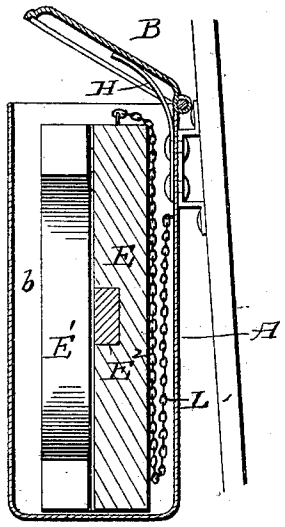

FIG. 2.

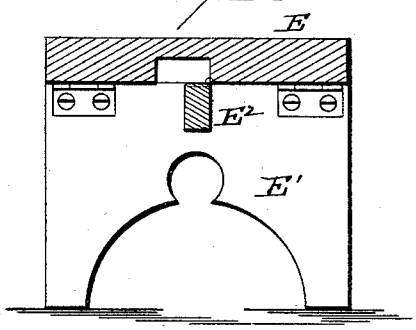

FIG. 5.

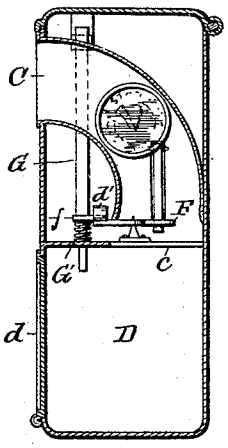

FIG. 3.

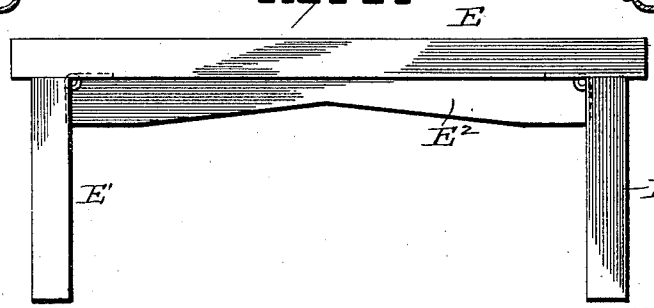

FIG. 4.

WITNESSES

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AGNES MOORE LIPPERT, OF PHILADELPHIA, PENNSYLVANIA.

COIN-CONTROLLED APPARATUS.

SPECIFICATION forming part of Letters Patent No. 613,163, dated October 25, 1898.

Application filed March 8, 1898. Serial No. 673,079. (No model.)

To all whom it may concern:

Be it known that I, AGNES MOORE LIPPERT, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Coin-Controlled Apparatus; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to coin-controlled apparatus, and particularly to a receptacle adapted to be attached to the back of a chair or bench in a theater or other public place of amusement and containing a collapsible foot-stool connected to the receptacle by a chain or cable, the said receptacle adapted to be opened by the introduction therein of a coin of proper size and weight.

The invention consists in certain novel features of construction and combinations and arrangements of parts, as hereinafter set forth, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in longitudinal section of the receptacle. Fig. 2 is a view in transverse section, showing the lid open. Fig. 3 is a similar view through the coin-chute. Figs. 4 and 5 are views of the stool.

A represents a receptacle, preferably made of metal, rectangular in shape and provided, preferably, with a hinged top or cover B. This receptacle is divided longitudinally into two compartments *a* and *b*, the former of which contains the coin-chute C, coin-box D, and the locking mechanism, while the other compartment *b* is designed to receive the collapsible foot-stool E. The coin-box D occupies the lower portion of the compartment *a*, and it is provided in its top, near its rear side, with a slot *c* immediately below the discharge or lower end of the chute C, so that a coin deposited in the chute will be discharged therefrom directly over said slot and will pass through said slot into the coin-box D. This coin-box is provided with a door *d*, having a suitable key-controlled lock thereon, through which access is had to the interior thereof for the removal of the coins.

Located over the slot *c* and under the discharge end of the chute is the tilting platform F. This platform F tilts in a direction to discharge the coin through the slot *c* into the coin-box and is provided on its heavier end with a latch *d'*, which latter engages the lip *f* on the locking-bolt G. This locking-bolt carries a spring G', which latter tends to throw the bolt up from the keeper *g* on top or cover B. The keeper and locking end of the bolt G have beveled ends. Hence it will be seen that after the receptacle has been opened by dropping a coin therein it can be closed and again locked by simply lowering the lid or cover and forcing the same to a closed position. The lid is opened by a spring H, secured to the body of the receptacle and bearing against the under side of the cover, so that as soon as the locking end of the bolt and keeper are disengaged, as previously described, the spring H forces the cover up and retains it in an open position until it is again deliberately and forcibly closed.

The locking-bolt is guided by a suitable support and is enlarged at a point between its ends, as shown at *i*, and this enlarged portion is engaged by the cam or enlargement I on the inner face of the box. This cam I bears against the locking-bolt G and forces the bolt, as the latter is moved vertically by the spring G, laterally away from the keeper, so as to release the latter. The end of tilting platform F, having the latch *d'*, is sufficiently heavy to retain the platform in its normal or horizontal position, and may also be heavy enough to hold the bolt in its depressed or lowered position, except when the platform is tilted by the weight of a coin dropping thereon. When a coin is deposited on the platform, the latter tilts and the bolt rises, and when the bolt descends, either by the weight of the heavier end of the platform bearing thereon or by the pressure of the cover of the receptacle acting thereon during the closing of the receptacle, the platform assumes its natural or horizontal position. Thus it will be seen that a coin of the proper size and weight deposited into the chute will fall onto the platform F. The weight of the coin on the platform tilts the latter and permits the coin to roll into the coin-box, and the tilting of the platform releases the locking-bolt and permits the spring G' to force it upwardly, thus releasing the lid, which is then forced open by the spring H.

In order to prevent the lid of the receptacle from being opened by an upward pull thereon, it is essential to provide means for locking the platform by devices actuated by contact with the coin passing through the chute. Numerous devices can be employed for accomplishing this end, but I prefer the construction shown in Figs. 1 and 3.

In Fig. 3 I have shown a gravity-latch K pivoted to the chute C and provided with a latch at its lower end, adapted to engage the platform, a portion of this latch resting normally in the path of the coin. With these constructions it will be seen that a coin passing through the coin-chute first strikes the latch K and moves it laterally, so as to carry its locking-lip J^2 from under the platform, thus releasing the latter and permitting the same to tilt under the weight of the coin. The tilting of the platform releases the locking-bolt G and permits the cover B to fly open. When the cover has been opened, the folding stool therein can be withdrawn and used as a foot-rest. This stool is attached to the box or receptacle by a chain or cable L, and as the chain or cable is secured to the inner face of the box it will be seen that a premature or accidental closure of the receptacle is prevented.

The stool E is provided with legs E′, adapted to fold up against the under side of the box, and with a locking-block E^2, located between the legs and adapted to bear against the adjacent faces of the legs E′ when the latter are in their open position. The block E^2 fits within a recess formed in the bottom of the body, so that when turned within said recess it is flush with the bottom of the body, thus permitting the legs to be folded down onto the bottom, forming a compact body, which can readily and quickly be placed in or removed from the box.

I prefer to employ spring-hinges for the legs E′ and block E^2, so that these parts, when the stool is withdrawn, will force the legs and block outwardly to their operative positions and hold them so while the stool is in use.

It is evident that changes in the construction and relative arrangement of the several parts might be made without avoiding my invention, and hence I would have it understood that I do not restrict myself to the particular construction and arrangement of parts shown and described; but,

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

1. The combination with a receptacle and a cover therefor having a keeper, of a spring-actuated bolt adapted to engage said keeper, a coin-chute, a platform pivoted between its ends, one end of said platform adapted to engage the bolt and the other end terminating in line with the chute, and a pivoted latch adapted to engage the platform and having a portion projecting into the chute, substantially as set forth.

2. The combination with a receptacle and a cover having a keeper, of a longitudinally-movable spring-actuated bolt adapted to engage said keeper, a cam adapted to force the bolt laterally away from the keeper when said bolt is forced longitudinally, a coin-chute, and a pivoted platform terminating at one end in the chute and adapted at its other end to engage said spring-actuated bolt, substantially as set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

AGNES MOORE LIPPERT.

Witnesses:

WILLIAM HENRY LIPPERT,

JOHN CARSON.