

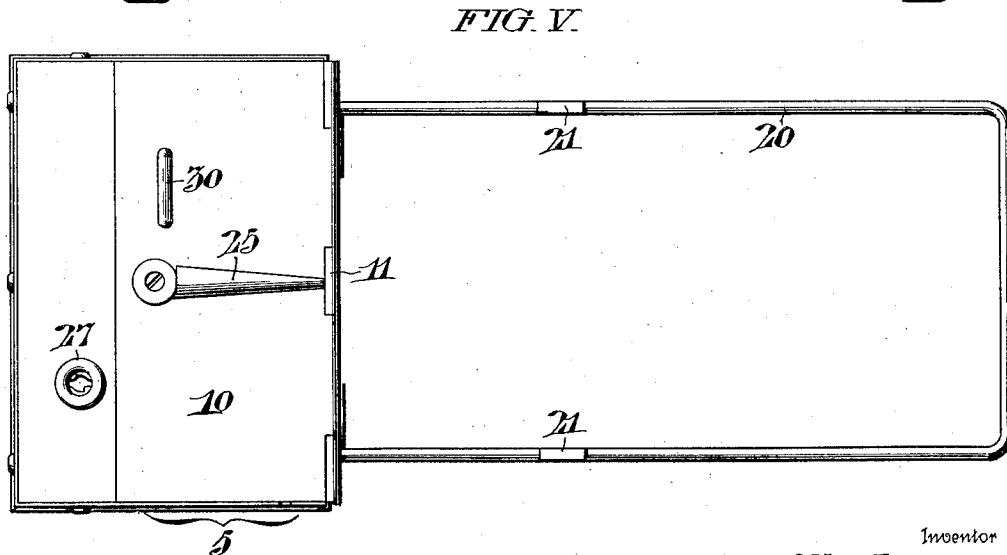
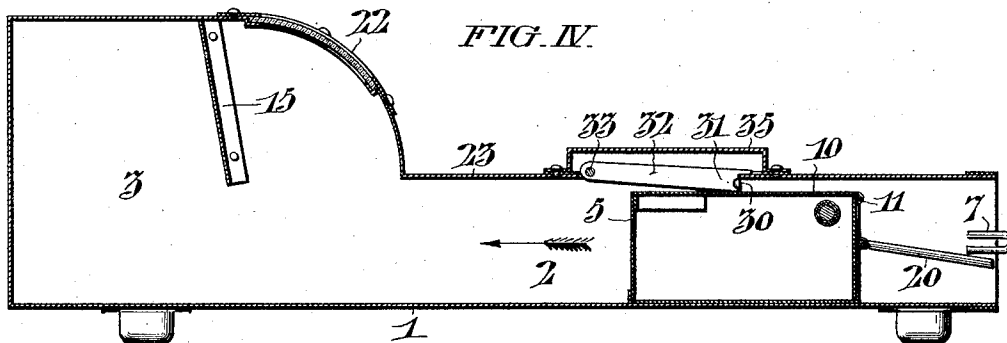
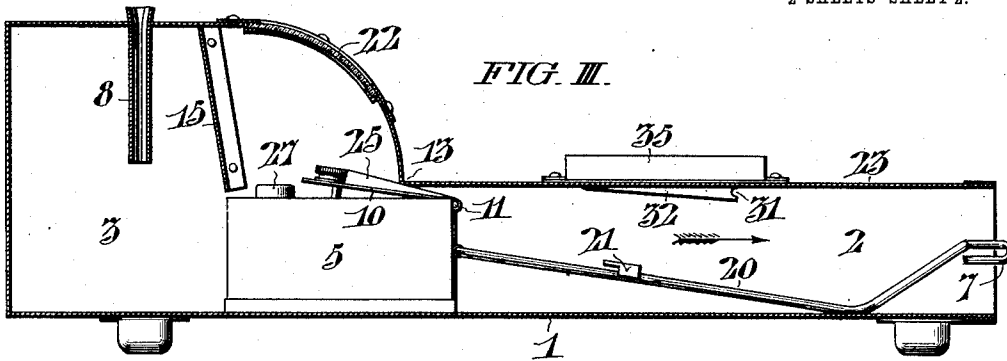
Patented July 30, 1912.
2 SHEETS—SHEET 1.

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 COIN RECEPTACLE.
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Patented July 30, 1912.
 2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

OTTO JAEGER, OF NORRISTOWN, PENNSYLVANIA, ASSIGNOR TO THE UNDERWRITERS COMPANY, OF PHILADELPHIA, PENNSYLVANIA, A CORPORATION OF DELAWARE.

COIN-RECEPTACLE.

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Specification of Letters Patent.

Patented July 30, 1912.

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To all whom it may concern:

Be it known that I, OTTO JAEGER, of Norristown, in the county of Montgomery and State of Pennsylvania, have invented certain new and useful Improvements in Coin-Receptacles, whereof the following is a specification, reference being had to the accompanying drawings.

The invention relates to new and useful improvements in coin receptacles, and more especially to receptacles of this character which may be used in connection with vending machines or the like.

An object of the invention is to provide an inclosed casing having a receiving opening into which may be inserted a coin receptacle which is provided with a cover or closing device that is necessarily open when the coin receptacle is placed in said casing, together with devices for automatically closing and locking the cover or closing device when said coin receptacle is removed from the casing.

A further object of the invention is to provide means for preventing a receptacle of the above character being inserted in the casing when the cover or closing device is closed.

A still further object of the invention is to provide a convenient means for indicating whether the receptacle is in proper position in the inclosed casing with the cover thereof open, so that the coins may be dropped into the same; and also the visible means for indicating when the receptacle has been withdrawn from the casing.

These and other objects will in part be obvious, and will in part be hereinafter more fully disclosed.

In the drawings which show by way of illustration one embodiment of the invention:—Figure I, is a plan view of a casing embodying my improvements. Fig. II, is a longitudinal sectional view on the line II, of Fig. I. Fig. III, is a similar section, showing the manner of closing and locking the cover for the coin receptacle. Fig. IV, is a sectional view on the line IV, of Fig. I, showing the manner of preventing the insertion of the coin receptacle when the cover is closed. Fig. V, is a plan view of the coin receptacle removed.

In carrying out my invention, I have provided a casing 1, which is substantially inclosed, and is formed with an elongated re-

ceiving channel or passage 2, and an enlarged chamber 3, for receiving the coin receptacle, when the same is in a normal position for receiving the coins dropped through the casing. The coin receptacle 5, may be of any desired construction, but, as herein shown, is rectangular in outline, and is of a length so as to slide easily sidewise into the elongated channel 2, of the inclosed casing 1.

The receiving channel 2, of the casing 1, may be closed by a hinged door 6, which may also be locked by any suitable locking device 7.

The enlarged portion of the inclosed casing is provided with a slot through which extends a coin chute 8. Said coin chute 8, is expanded at its upper end, so as to form a funnel for the ready reception of the coins. This coin chute is so disposed relative to the enlarged portion of the casing that when the coin receptacle is slid into said casing, the chute is directly over the opening in the top of the coin receptacle. Said coin receptacle is provided with a lid or cover 10, which is hinged at 11, to one side of the receptacle, and a spring 12, normally tends to close the lid or cover.

The height of the elongated channel 2, is slightly greater than the height of the coin receptacle, but is not sufficient to receive the coin receptacle except when the lid is in its extreme open position or in closed position. The enlarged portion of the casing is, however, of sufficient height to allow the lid to swing from open position to closed position.

The front of the enlarged portion of the casing is curved upwardly from the point 13, and substantially about a center coincident with the hinge of the coin receptacle, when said receptacle is in normal position. This curved portion of the casing allows for the free swinging of the cover of the coin receptacle. When the coin receptacle is open and the same is slid into the casing, the top portion 23, of said channel section will prevent the lid from closing under the action of the spring 12. As soon as the coin receptacle passes the point 13, in the top of the casing, the lid will be released, and under the action of the spring 12, will swing toward closed position.

A ledge or partition 15, is secured to the upper portion of the casing and extends across the same. Said lid or partition will

receive the cover as it moves to closed position under the action of the spring 12, and holds the same substantially upright, as shown in Fig. II. When the parts are in this position, the coins dropped into the chute 8, will pass directly into the coin receptacle. When the coin receptacle is withdrawn and the cover moved from engagement with the ledge 15, the spring 12, will close said cover.

As a positive means for forcing the cover into locked position, I have provided a cam ledge 25, which is secured to the upper face of the cover, and as the receptacle is withdrawn, said cam ledge will engage the corner 13, of the casing and the cover will be crowded down into locked position in the manner shown in Fig. III.

As a means for locking the cover or closing device in closed position, I have provided a lock 27, which carries a bolt 26, which is chamfered so that the forcing of the cover downward through contact between the cam ledge 25, and the cover 13, of the casing will cause the lid or cover to be locked in closed position.

As a means for moving the receptacle into the casing, I have provided a handle 20, which, as herein shown, is yoke-shaped and pivoted to the coin receptacle. The outer end of the handle is deflected upwardly, so that the same may be readily grasped to withdraw the coin receptacle. Located on the handle are two locks 21, with inwardly projecting lips which are adapted to receive the outer edge of the cover of the receptacle, and hold the same open against the tension of the spring 12, while said receptacle is being inserted into the elongated channel of the casing. As soon as the receptacle is well in the channel, a downward movement of the handle will release the lid, so that the same may swing to the position shown in Fig. II, when in normal position in the casing.

As a means for preventing the coin receptacle from being placed in the case with the lid closed, the cover of the receptacle has a rib 30. The top of the elongated channel of the casing 23, is slotted, and in said slot is a dog 32, pivoted at 33. This dog is covered by a housing 35. The front end of the dog carries a lip which limits the downward movement of the dog, as clearly shown in Fig. IV. Below the lip on the dog is a notch or recess, which will engage the rib 30, on the cover, if attempt is made to insert the receptacle without opening the cover, as clearly shown in Fig. IV. This locking dog will not in any way interfere with the withdrawing of the box, or the insertion of the same when the lid is open.

As a manner of indicating when the coin receptacle is in proper position with the lid

open, the curved portion of the casing has a side opening 22, which may be covered with any suitable transparent material. I also prefer to color the top or cover 10, of the coin receptacle blue, so that when the same is in place in the casing, its presence therein may be readily ascertained through the side opening in the casing. I also prefer to color the partition 15, red, so that upon the withdrawal of the coin receptacle, this color will become visible through the side opening, and indicate the absence of the coin receptacle.

My improved casing is especially adapted to be used in connection with vending machines, and will be attached thereto so that the coins will drop through the chute into the coin receptacle. The coin receptacle is unlocked, the lid opened against the tension of the spring 12, and held in open position by means of the lugs on the handle, until said receptacle has been well inserted into the elongated channel 2, of the casing, after which the lid is released, and the coin receptacle slid into the receptacle to the position shown in Fig. II. As the lid passes from the elongated channel 2, the spring 12, will throw the same against the ledge or partition 5, where it will rest, and the coins may be dropped through the chute directly into the coin receptacle. The casing may be closed and locked by an ordinary lock in the manner above described. When it is desired to remove the coin receptacle, the casing is opened, and by the aid of the handle 20, the receptacle is withdrawn from the casing and as the receptacle moves outward, the lid will be drawn down by the spring 12, and the corner 13, of the casing engaging the cover ledge 25, will force the same into locked position. The dog 32, as above noted, will prevent the insertion of the coin receptacle with the lid closed, and will thereby guard against improper placing of the coin receptacle in the casing. The colored parts of the cover will indicate through the side opening when the coin receptacle is properly positioned, and the colored parts of the partition 15, will quickly indicate when the coin receptacle is removed.

It is obvious that minor changes in the details of construction may be made, without departing from the spirit of my invention, as set forth in the appended claim. Having thus described my invention, I claim:

The combination of an inclosed casing having an enlarged portion, a coin chute extending through the upper wall of said enlarged portion, an elongated channel having an open end, a coin receptacle adapted to be inserted in said open end of the casing, said coin receptacle having a hinged cover, a spring for closing the cover, a lock

for holding the cover closed, means for preventing the closing of the cover when said receptacle is underneath said chute, means for positively moving the cover to locked
5 position upon the withdrawal of the same from the casing, a handle hinged to said coin receptacle for moving the same into and out of the casing, and lugs carried by said handle and adapted to engage said

cover for temporarily holding the same 10 open.

In testimony whereof, I have hereunto signed my name at Philadelphia, Pennsylvania, this ninth day of January, 1911.

OTTO JAEGER.

Witnesses:

JAMES H. BELL,

E. L. FULLERTON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
