

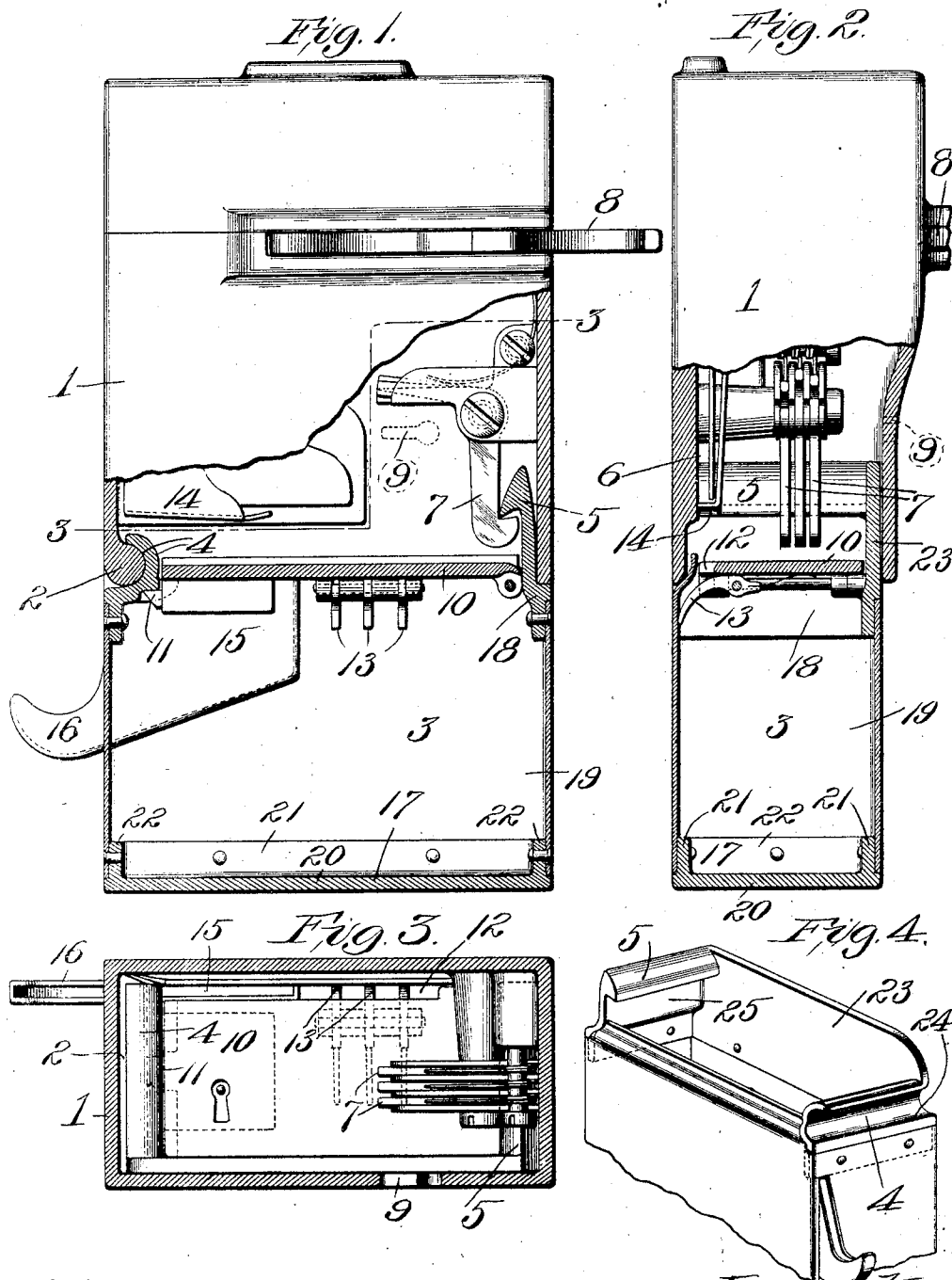
No. 829,265.

PATENTED AUG. 21, 1906.

R. W. GOEB.

CASING FOR COIN CONTROLLED MECHANISMS AND THE LIKE.

APPLICATION FILED JULY 11, 1904.



Witnesses:
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UNITED STATES PATENT OFFICE.

RUDOLPH W. GOEB, OF ST. LOUIS, MISSOURI, ASSIGNOR TO THE
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CASING FOR COIN-CONTROLLED MECHANISMS AND THE LIKE.

No. 829,265.

Specification of Letters Patent.

Patented Aug. 21, 1906.

Application filed July 11, 1904. Serial No. 216,113.

To all whom it may concern:

Be it known that I, RUDOLPH W. GOEB, a citizen of the United States, residing at St. Louis, Missouri, have invented a certain new and useful Improvement in Casings for Coin-Controlled Mechanisms and the Like, of which the following is a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a front view, partly in section. Fig. 2 is a side view, partly in section. Fig. 3 is a top sectional view on about the line 3 3 of Fig. 1, and Fig. 4 is a fragmentary perspective view of the till or cash-receptacle.

This invention relates to casings or closures, and more particularly to casings of coin-controlled apparatus—such, for example, as of coin-controlled telephone-locks.

The object is to provide a casing which has what may be termed a “main” portion adapted to inclose the operative mechanism and a separable till or cash-receptacle capable of being locked to the body portion of the casing, so that although such till or cash-receptacle is inaccessible to an unauthorized person the coins deposited for operating the coin-controlled mechanism are received in said receptacle, and the receptacle can be removed by an authorized person for the purpose of emptying the same.

To this end, and also to improve generally upon devices of the character indicated, the invention consists in the various matters hereinafter described and claimed.

In the accompanying drawings the invention is illustrated as applied to a casing for coin-controlled telephone-locking mechanisms, the particular locking mechanism illustrated being of the character of that disclosed by patent No. 739,114, granted to William H. Scott, September 15, 1903, 1 indicating the body portion of the casing, 8 being the spider-plate adapted to lock the telephone-receiver, as fully disclosed in the said patent, and 6 indicating the coin-raceway. The body portion 1 of the casing has an open bottom, one of the side walls having its bottom formed into a curved rib or projection 2.

The till or cash-receptacle 3 is a box-like structure, having a socket 4 formed in one of its side walls, said socket being adapted to receive the before-mentioned rib or projection 2 upon the body portion of the casing. The opposite side wall of the till projects upwardly to produce a catch 5, which, when the till and the body portion of the casing are assembled, extends into the body portion of the casing and is engaged by suitable locking means, such as the locking dogs or tumblers 7, fastened to the body portion 1. The body portion 1 is provided with a suitable keyhole 9, through which a proper key can be inserted for the purpose of operating the tumblers 7, and thus releasing the catch 5. Coins discharged from the coin chute or raceway 6 fall into the till. As will be apparent, an unauthorized person cannot separate the till from the body portion of the casing; but when the tumblers are thrown from locking position by the application of a suitable key the catch 5 is released, whereupon the till can be rocked upon the rib 2 until the catch 5 is clear of the body portion 1, and the till can then be readily separated from the remainder of the casing. The till can be emptied at the place at which the casing is located and then replaced, or, if desired, the particular till removed can be carried to the office of the company operating the coin-controlled devices and a new till be connected to the casing. Preferably the till is so constructed that although coins can readily drop into the same from the raceway 6 they can be removed from the till only by an authorized person, and in order to effect this the upper end of the till is provided with a hinged door 10, which is provided with a lock 11 coöperating with one of the side walls of the till. This door is cut away upon one side, as indicated at 12, to form a coin-slot between the door and the adjacent till-wall, the coins passing from the raceway 6 through this slot and into the till. Preferably spring-pressed obstructing-fingers 13 extend across this slot, so that although these fingers can yield to permit a coin to enter the till coins in the till cannot be shaken out through said slot.

In certain classes of coin-controlled apparatus provision is made for returning a coin

to a depositor when it may be proper to do so, and a coin to be returned to a depositor leaves the raceway 6 at one point, while a coin to be discharged into the till or coin-receptacle leaves said raceway at another point. The drawings accompanying this specification illustrate a portion of a mechanism of the character just indicated, although no claims are herein made to such mechanism, as this mechanism forms the subject-matter of a separate application for patent. A movable coin-support 14 closes a portion of the lower end of the raceway 6, and a deposited coin rests upon such support. If such coin is not to be returned to the depositor, it is discharged from the end of said support and falls into the till; but if the coin is to be returned to the depositor said support is bodily moved from under the coin, and the coin drops into a delivery-chute 15 and is led to a cup 16 outside of the casing and from which the coin can be taken by the depositor. When the present mechanism is to be employed with a coin-returning mechanism of the character indicated, the discharge-chute 15 and its cup 16 are formed upon the till 3, the upper end of the delivery-chute 16 being beneath the coin-support 14 and the slot 12 being sufficiently long to expose the said delivery-chute 15, as well as to produce the aperture through which the coin is discharged when it is to be deposited into the till.

Manifestly the till can be constructed in many ways. Preferably, however, this till comprises a bottom section 17, a top section 18, and intermediate section 19, suitably connected to the top and bottom sections, as by rivets. The bottom section comprises a bottom 20 and short side and end walls 21 and 22, extending upwardly therefrom. The top section comprises a front side wall 23 and end walls 24 and 25, the socket 4 being produced in the end wall 24 and the catch 5 being formed upon the end wall 25. These top and bottom sections are conveniently cast. The intermediate section 19 is merely sheet metal properly bent and secured to the top and bottom sections. In this manner, although the standard top and bottom section is employed in each casing, the tills can be made of various lengths, depending upon the length of the sheet-metal intermediate section 19.

I am aware that minor changes in the construction, arrangement, and combination of the several parts of my device can be made and substituted for those herein shown and described without in the least departing from the nature and principle of my invention.

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

1. A casing of the character indicated, comprising a body portion, a till separate therefrom and having its interior accessible through said body portion, means for locking said till and said body portion together, a door carried by said till and preventing abstraction of coins therefrom, and means for locking said door; substantially as described.

2. In a casing of the character indicated, a body portion, a coin-raceway therein and adapted to deliver coins from two points, a till separable from said body portion, and a delivery-chute carried by said till and adapted to receive coins delivered from one point of said first-mentioned coin-chute, said till having an opening adapted to receive coins from the other delivery-point of said first-mentioned coin-chute; substantially as described.

3. A casing of the class described comprising a body portion, a till detachably connected thereto and when in its connected position having its interior accessible only through said body portion, means for preventing access to the till including a door provided with a lock and a coin-opening, and yielding fingers carried by the door within the till which extend across and close the coin-opening therein; substantially as described.

4. A casing of the class indicated comprising a body portion, a till separable therefrom and having its interior accessible through said body portion, a hinged door carried by the till, a locking member upon said body portion, and a cooperating locking member upon said till and extending beyond the edge of the door to engage said locking member upon said body portion; substantially as described.

5. A casing of the class described comprising a body portion, a till separable therefrom and having its interior accessible through said body portion, a door carried by the till and having an opening to admit a coin, yielding fingers extending across said opening and carried by the door, means for locking said till upon said body portion, and cooperating engaging parts upon said till and body portion, said engaging parts being separable from each other when said till is not locked upon said body portion, but being inseparable from each other when said till is locked upon said body portion; substantially as described.

6. In a casing of the class described, a body portion, a till separable therefrom and having a door-opening through which access may be had only when the till is separated from the body portion, and spring-pressed fingers extending across the opening and within the till; substantially as described.

7. In a casing of the class described, a

body portion, a till separable therefrom and
having a door-opening through which access
may be had only when the till is separated
from the body portion, spring-pressed fingers
5 13 extending across said opening, and a coin-
returning chute carried by said till; substan-
tially as described.

In testimony whereof I hereunto affix my
signature, in the presence of two witnesses,
this 5th day of April, 1904.

RUDOLPH W. GOEB.

Witnesses:

GALES P. MOORE,
GEORGE BAKEWELL.