

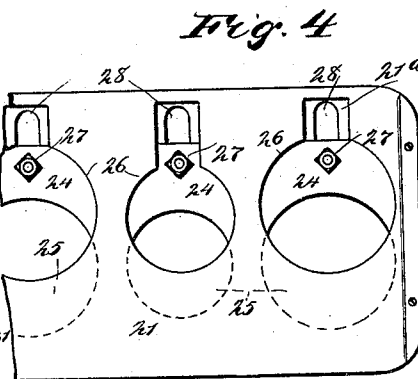
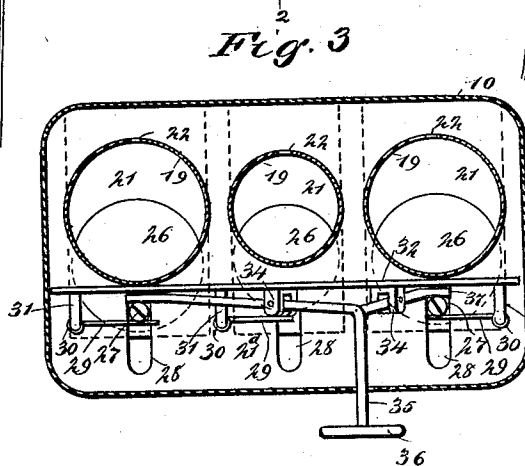
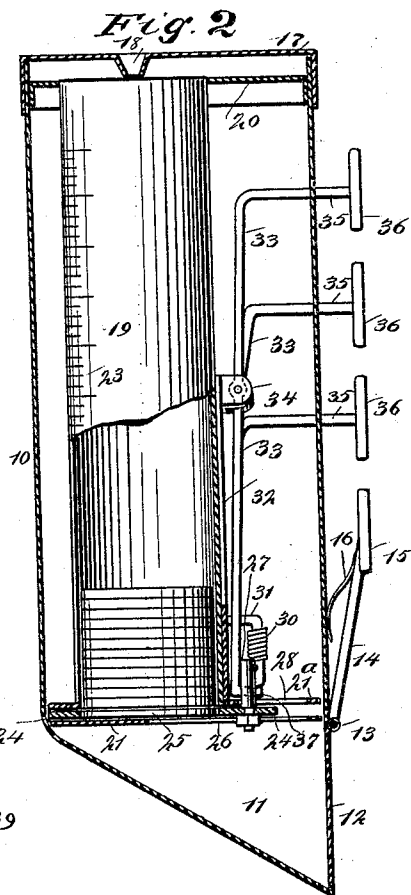
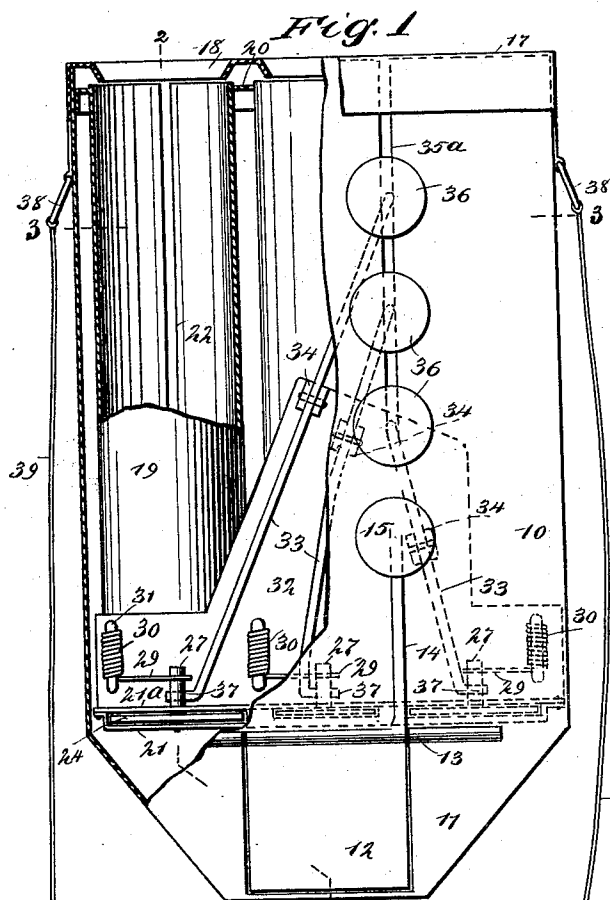
(No Model.)

2 Sheets—Sheet 1.

E. BERRINI.
COIN HOLDING AND DELIVERING DEVICE.

No. 507,876.

Patented Oct. 31, 1893.



WITNESSES:
J. a. Bergstrom
C. Sedgewick

INVENTOR
E. Berrini
BY *Munn & Co*
ATTORNEYS.

(No Model.)

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Fig. 5

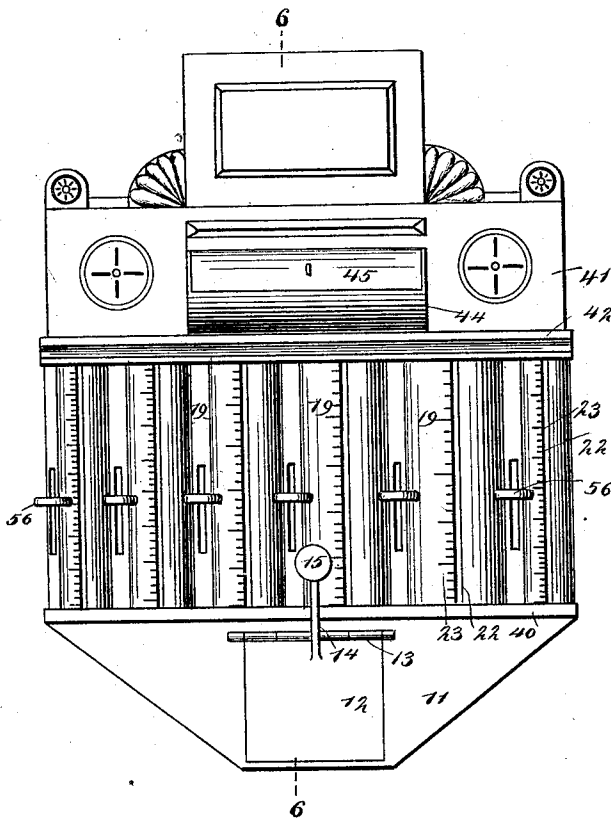
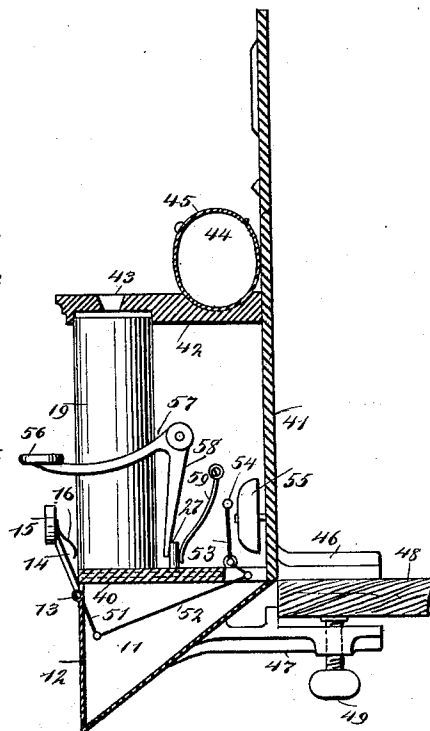


Fig. 6



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UNITED STATES PATENT OFFICE.

ERNEST BERRINI, OF PORTLAND, OREGON.

COIN HOLDING AND DELIVERING DEVICE.

SPECIFICATION forming part of Letters Patent No. 507,876, dated October 31, 1893.

Application filed March 16, 1893. Serial No. 466,230. (No model.)

To all whom it may concern:

Be it known that I, ERNEST BERRINI, of Portland, in the county of Multnomah and State of Oregon, have invented a new and Improved Change-Receptacle, of which the following is a full, clear, and exact description.

My invention relates to improvements in that class of devices which are used for carrying and in making change, and the object of my invention is to produce a simple device which may be arranged so as to be carried conveniently upon the person, or may be fixed in position for store use, and which affords a convenient means for carrying assorted pieces of change, and for delivering the coins one by one as required.

To this end, my invention consists in certain features of construction and combinations of parts, which will be hereinafter described and then pointed out in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a broken front elevation of the machine embodying my invention. Fig. 2 is a vertical section on the line 2—2 in Fig. 1. Fig. 3 is a sectional plan on the line 3—3 in Fig. 1. Fig. 4 is an inverted detail plan of the valve or slide mechanism for delivering the coins. Fig. 5 is a front elevation of a form of the device which is adapted for use in stores and similar places; and Fig. 6 is a vertical section on the line 6—6 in Fig. 5.

The machine is provided with an inclosing case 10, having a hopper-like bottom 11, which inclines forward, and which at its front end has an outwardly-swinging door 12, hinged at the top, as shown at 13, and provided with an upwardly-extending key or lever 14, terminating in a finger piece 15, and the key and finger piece are normally pressed outward by a spring 16 arranged between the key and case, the spring serving also to hold the door 12 closed. The case has a removable cover 17, in which are slots 18 large enough to receive coins, these slots being produced above the coin tubes 19, which are arranged parallel with each other within the case, and are removable, and any desired number of tubes may be used. The tubes at their upper ends

are connected by a strengthening plate 20, which fits snugly in the case 10, and at their lower ends the tubes are secured to base plates 21 and 21^a which are arranged parallel with each other. Each tube has a vertical slot 22 on one side, through which the coin may be seen when the tube is removed and loaded, and at the side of the slot is a graduated scale 23, by reference to which and to the height of the coin the amount of money in the tube may be determined. Beneath each tube 19 is a slide or valve 24, adapted to move horizontally between the base plates 21 and 21^a, and each slide has in it a hole 25, see Fig. 2, of the same diameter as the bore of the tube, this hole being held normally beneath the tube above it, so that a coin will drop into the hole 25 and lie flatwise on the plate 21. The slide when moved forward will thus carry a coin with it and drop the coin through a hole 26 in the plate 21^a, from which the coin will drop into the hopper 11, when it may be removed by pressing on the finger piece 15 and opening the door 12. Each slide 24 has near its front end an upwardly-extending stud or screw 27, which slides in a slot 28 in the plate 21^a, and the slide is normally pressed back so as to bring the holes 25 beneath the adjacent tubes by the free end 29 of a spring 30, this spring being coiled around a bracket or support 31 on the plate 32, which is arranged on one side of the tubes, and the free end of the spring presses snugly against the front side of the stud or screw. The plate 32 also serves as a support for the tilting keys 33, which extend up and down within the case 10 and are fulcrumed between lugs 34 on the plate. The upper ends of these keys are bent outward, as shown at 35, so as to project through a slot 35^a in the case 10, and these bent ends terminate in finger pieces 36, which should be appropriately marked to indicate the tube with which they are connected. The lower ends of the keys 33 are bent, as shown at 37, so as to extend behind the studs 27, but they may be connected with the studs or slides in any suitable way. It will be seen then, that when one of the finger pieces 36 is pressed its key 33 will be tilted, thus pushing forward the slide 24, and dropping a coin into the hopper 11 from which the coin slides out when the door

12 is opened. The tubes may be loaded by removing the cover 17 and filling them, or the coins may be slipped in one by one through the slots 18. The case 10 is provided with 5 bails 38 on opposite sides, to which a cord 39 may be attached so that the case may be conveniently suspended from the neck of a person.

As shown in Figs. 5 and 6, the apparatus is 10 adapted for store use, and is therefore made larger, being adapted to be fastened in a convenient place. As here shown, the coin tubes 19, which are like those described above, rest on a base 40, which is secured to a back 41 15 projecting upward parallel with and above the tubes 19, and to the back is secured a top 42, parallel with the base 40 and covering the tubes, this top having coin slots 43 above the tubes through which the coins may be inserted. 20 On the top 42 is a box 44, having a suitable cover 45, and in this box bank notes or other articles may be placed. The case of the device shown in Figs. 5 and 6 has oppositely-arranged jaws 46 and 47 on its back, 25 which are adapted to clasp a counter 48, or other convenient support, and to this support the drawers are secured by a thumb screw 49. The store apparatus has a like hopper bottom 11 and swinging door 12, as the portable affair, 30 and carried by the lever 14 is an arm 51 which extends into the hopper and which connects by a rod 52 with a bell crank 53 pivoted in the back of the case. This bell crank terminates at its upper end in a hammer 54 adapted 35 to strike and sound a gong 55 every time the door 12 is opened. It will be seen that when the finger piece 15 is pushed back, the arm 51 will spring forward, thus ringing the gong.

The tubes are provided with slides like those 40 already described, and with finger pieces 56 which move downward instead of backward, these being formed on bell cranks 57, which are pivoted behind the tubes and which ex-

tend forward between the tubes, one arm 58 of these bell cranks extending downward 15 against the stud 27, and by depressing the finger piece, the arm 58 and stud 27 are thrown back so as to open a slide and drop a coin. The slide is normally pushed forward and the 50 finger piece 56 raised by a spring 59 which presses against the stud 27, as shown in Fig. 6.

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

1. An apparatus of the character described, 55 comprising a casing having a vertical opening in its front and a removable top, a series of tubes, discharge slides fitted to said tubes at the bottom, and operating keys for said slides extending through the opening in the 60 case, the united tubes, slides and keys being removable from the case, substantially as described.

2. An apparatus of the character described, comprising a case having a vertical opening 65 at its front, and a removable top, a horizontal series of tubes, discharge slides at the bottom of the tubes, and operating keys for the slides, the keys converging to the same vertical plane and extending through the opening in the 70 case, the united tubes, slides and keys being removable from the case, substantially as described.

3. An apparatus of the character described, comprising a case, having an opening in its 75 front, a series of tubes, spring pressed discharge slides fitted to the bottoms of the tubes, a vertical plate held to the tubes, and a series of operating keys fulcrumed on the vertical plate and having arms engaging studs on the 80 slides, substantially as described.

ERNEST BERRINI. [L. S.]

Witnesses:

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J. H. ROOS.