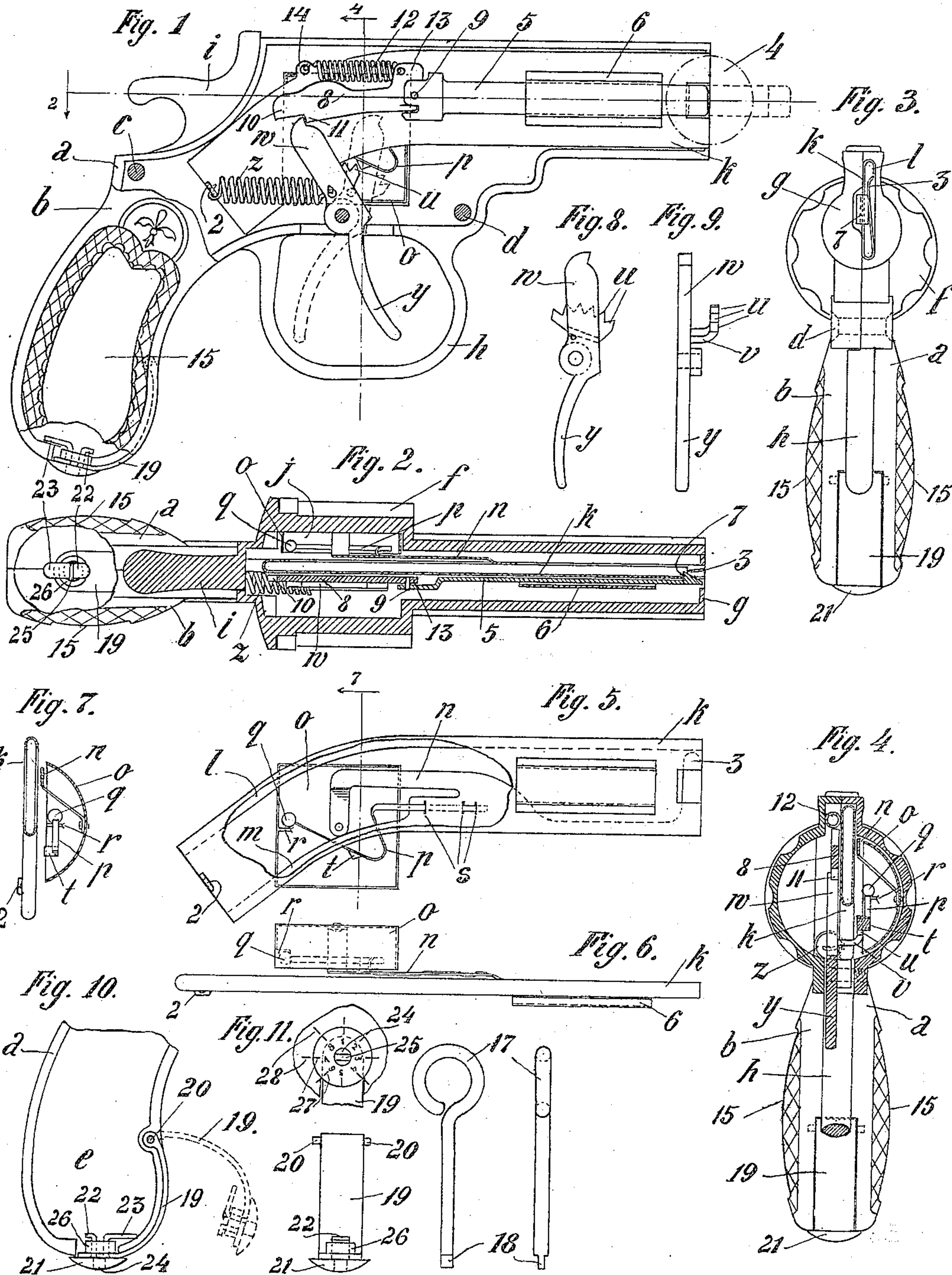


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934,957.

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# UNITED STATES PATENT OFFICE.

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## COIN-RECEIVING TOY PISTOL.

934,957.

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Application filed February 10, 1909. Serial No. 477,189.

*To all whom it may concern:*

Be it known that I, JAMES HALL BEVINGTON, a citizen of the United States, residing in Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Coin-Receiving Toy Pistols, of which the following is a specification.

This invention relates to that class of coin receiving toy pistols, or coin receptacles having a casing provided with a coin-receiving compartment and a slot communicating with or adapted to form a passage leading into said compartment, a plunger adapted to propel, convey, or discharge coins into said compartment, and means for operating the plunger.

The principal object of the invention is to provide a novel, simple, economical, and efficient coin receiving toy-pistol or coin receptacle.

A further object of the invention is to provide an imitation pistol, toy pistol, or coin receptacle having a compartment for containing coins, with mechanism for propelling or discharging coins into said compartment, and a bell or noise producing element adapted to be rung or operated with or by means of said mechanism.

A further object of the invention is to provide a coin receiving pistol or coin receptacle having a coin-receiving compartment, with means for locking and unlocking a door to said compartment, and mechanism for propelling or discharging coins into said compartment, and to provide, in such a device, a casing having the form or appearance of a pistol, the portion of said casing which corresponds with the cylinder and barrel being adapted to contain the mechanism for discharging the coins into said compartment, and the part corresponding with the handle or stock being adapted to form the coin-containing compartment.

Further objects are to provide a slot or chute member having a bell or sound producing member mounted thereon, and a plunger and plunger-operating mechanism also mounted on the chute member and all adapted to be located inside of the portion of the casing corresponding with or forming the cylinder and barrel of the toy pistol or

coin receptacle, and all adapted to be assembled outside of the casing and then inserted in the latter, and preferably supported entirely by one of the side members of the casing, and to provide trigger mechanism adapted to operate the plunger in one direction, and to operate the sound producing member or cause the bell to ring.

Other and further objects of the invention will appear from an examination of the following description and claims and the drawings herein referred to and which are made a part of this specification.

The invention consists in the features, elements, combinations, and details of construction herein described and claimed.

In the accompanying drawings, Figure 1 is a view in side elevation of a device constructed in accordance with my improvements, with a portion of one side of the casing removed; Fig. 2, a horizontal sectional view of the same, taken on line 2 of Fig. 1, looking in the direction of the arrow; Fig. 3, a front end view of the device shown in Figs. 1 and 2; Fig. 4, a transverse sectional view taken on line 4 of Fig. 1, looking in the direction of the arrow; Fig. 5, a detail view showing the slot member and bell in side elevation, with a portion of the former broken away to show the manner of mounting the bell and the hammer or clapper on the slot member or chute; Fig. 6, a plan view of the parts shown in Fig. 5; Fig. 7, a transverse sectional view in detail, of the parts shown in Fig. 5,—taken on line 7, of said figure; Fig. 8, a detail view in side elevation, of the trigger; Fig. 9, a detail view in front elevation, of the trigger, and showing the toothed segment for operating the bell hammer or clapper; Fig. 10, a view in side elevation of a portion of one of the side members of the casing, showing the inner side of that portion of said casing member which forms the coin-receiving compartment and handle or stock, and showing the hinged door and lock therefor, the lock being in unlocked position; Fig. 11, a bottom plan view of the lock, showing the dial or graduated face, the aperture for receiving the key, and the marks or graduations on the butt end of the casing; Fig. 12, a rear view in elevation of the door and lock; Fig. 13, a



side view of a key, and Fig. 14, a view in elevation of the narrow side or edge of the key shown in Fig. 13.

In constructing a coin receiving toy pistol or coin receptacle in accordance with my improvements, I provide a casing which is formed preferably of two pieces of cast metal *a* and *b*, which are secured together by means of screws or rivets *c* and *d*. These two casing members are of such form that when secured together they form a hollow casing which comprises a lower rear portion, stock or handle having a coin-containing compartment *e*, a central partially cylindrical portion forming or corresponding with the cylinder of a pistol or revolver and indicated by the reference letter *f*, a relatively narrow partially cylindrical forward portion *g* forming or corresponding with the barrel of a pistol or revolver, a trigger guard *h*, and an upper rear central portion corresponding in location and appearance to the hammer of a pistol,—all of said parts forming a pistol-shaped casing having a pistol-barrel-shaped portion, a handle, and a trigger guard.

The casing members *a* and *b* form therebetween a space *j* which extends from the forward end or muzzle to the handle or coin-receiving compartment formed inside of the handle or stock. A chute or slot member *k*,—formed preferably of sheet metal, and having preferably on one side an upper flange *l* and a lower flange *m* adapted to form a curved coin chute or slot leading from the front end or muzzle of the device rearward and downward toward and in position to communicate with and discharge coins into the compartment *e*—is mounted in the space *j* and between the casing members *a* and *b*. The side of this slot or chute member on which the flanges *l* and *m* are located may be partially open between said flanges, and an arm *n* preferably in the form of an extension of the flange *m*, or forming an integral part of the chute or slot member, is secured to and forms a support for a bell *o*. This bell is adapted to be located in the relatively large cylindrical space formed by or inside of the casing portion *f* which corresponds with the cylinder of the pistol-shaped casing. A spring *p* is mounted preferably on the slot or chute member *k* and is provided with a head or hammer *q* for striking the boss, stud or projection *r*, or any desired portion of the bell or sound producing element. This spring may be inserted through apertures *s* in the chute or slot member, and is provided with a shoulder *t* adapted to be engaged by the teeth *u* of a segment *v* which is adapted to be operated with and preferably forms a part of a trigger *w*. This trigger is pivotally mounted preferably in the casing member *a*, with its lower end *y* inside of the trigger guard *h*,

and a spring *z* is mounted inside of the casing, with one end connected with the trigger and the other to a stationary support, preferably in the form of a projection 2 on the chute or slot member. This spring is thus adapted to hold the trigger normally in the position shown in full lines in Fig. 1, and to permit it to be moved against the tension of the spring to the position shown in dotted or broken lines in said figure. It will be readily seen that the movement of the trigger in either direction or to either of said positions will cause the teeth *u* to successively engage the shoulder portion of the spring or hammer arm *p* and cause said spring and the hammer to vibrate so as to ring the bell.

Mounted adjacent to and preferably just inside of the forward or muzzle end of the casing is a spring 3, which is on one side of and preferably forms a yielding wall portion of the chute or slot, and is adapted to yieldingly hold a coin 4 in the mouth of the slot in a position which will permit the coin to be propelled, discharged or shot rearward through the slot and into the coin-receiving compartment *e* already described. (See Figs. 2, 3, and 4.)

A plunger or sliding bolt 5 is slidably mounted adjacent to and preferably at one side of the chute or slot. It is preferably supported on the slot or chute member and by means of a metallic loop 6 secured to or forming a part of the slot member and through which the plunger is adapted to slide forward to the position shown in broken lines in Fig. 1, and back to the position shown in full lines in said figure. The front end of this plunger is provided with a hook or shoulder 7 which extends partially across the mouth of the slot or chute *k* in position to engage a coin placed in said slot. The plunger is operatively connected with the trigger *w* by means of a dog 8, which is pivotally secured to the plunger by means of a pin 9, and extends rearward from the rear end of the plunger to and in engagement with the upper end of the trigger. The rear end portion 10 of this dog extends over and rearward beyond the engaged end of the trigger and is provided with a depending shoulder 11 which is adapted to be thrown into and held yieldingly in engagement with the trigger by means of a spring 12 which is connected with the upper forward portion 13 of the dog above the point of pivotal connection between the dog and plunger. The rear end of this spring is connected with a stationary support, preferably with the slot member at a point indicated by the reference numeral 14, in such a position that the spring extends substantially parallel with the longitudinal center of the plunger 5. (Figs. 1, and 4.)



By the above arrangement it will be seen that the plunger is adapted to be moved forward by means of the trigger to the position indicated in broken lines in Fig. 1, and that the trigger will then release the dog 8 and thereby the plunger, and that the plunger and dog will be thrown rearward by means of the spring 12 in such a manner as to cause the plunger to engage the coin held in the mouth of the slot by the spring 3. The coin will thus be propelled, discharged or shot rearward through the slot and into the coin-receiving compartment *e* formed by the stock or handle portion of the casing. The spring 12 also causes the rear end of the dog 8 to be held down in position to yieldingly engage the trigger when the latter is returned to initial position by the spring *z*. The bell will be rung by each movement of the trigger and the mechanism operated thereby. The casing members *a* and *b* are provided with smooth surface portions 15 on each side of the handle or coin-receiving compartment, adapted to contain a name, an imprint, engraving, printed matter or advertisement.

A door 19, curved to correspond with the contour of the casing or handle, is secured to the casing by means of a hinge or pivot 20 in position to enable the coin receiving compartment *e* to be opened and closed as desired. A lock is mounted on the swinging end of this door, and is adapted to be opened by means of a key 17 formed of wire and having a flattened end portion 18 adapted to be inserted into the lock for turning the catch or lock to and from securing or locked position. The lock consists in a pin or rivet having a head 21, the outer face of which is provided with radial dividing lines or graduations 27 properly numbered and movable with respect to graduations or dividing lines 28, on the casing or handle. The body portion of this pin or rivet is split or divided longitudinally into two sections 22 and 23, the ends of which are bent out laterally so as to extend substantially at right angles to the axial center of the pin or rivet and on the inner side of and in engagement with a ring 26 through which said split pin extends, as shown in Figs. 10 and 12. The head 21 has a round central aperture 24, and a flat sided central opening 25, shown in Fig. 11 extends from the inner edge of the head inward between the sections 22 and 23. The laterally projecting portion or section 23 is of sufficient length so that when it is turned to the position indicated in Figs. 1 and 2 it will secure or lock the door in closed position, and when turned to the position shown in Fig. 10, it will permit the door to be opened. The flat end 18 of the key fits the central opening 25 and engages the side walls of said opening formed by the inner sides of the sections 22 and 23. The position of the

graduations on the outer face of the head or dial indicate when the pin or its securing end portion 23 is in position to secure or release and permit the opening of the door.

The spring 3, already described, is adapted to yieldingly hold the coin in the mouth of the passage and permit the plunger to be moved out alongside of the coin to extended position with its forward end outside of the casing and beyond the outer edge of the coin. On being released the plunger moves inward to position to engage the coin and knock it inward away from the spring, and the spring 3 also serves to prevent the coins from passing out.

I claim:

1. In a device of the class described, the combination of a pistol-shaped casing comprising in its construction a handle forming a coin-receiving compartment, and a pistol-barrel-shaped portion provided with a passage communicating with said compartment, and means for propelling coins from the forward end of the casing into said compartment in the handle.
2. In a device of the class described, the combination of a pistol-shaped casing comprising in its construction a handle forming a coin-receiving compartment, and a pistol-barrel-shaped casing portion provided with a passage communicating with said compartment, means for propelling coins from the forward portion of said casing into said compartment in the handle, a door for said compartment, and means for locking said door.
3. In a device of the class described, the combination of a pistol-shaped casing comprising in its construction a handle forming a coin-receiving compartment and a pistol-barrel-shaped portion provided with a passage communicating with said compartment in the handle, a bell mounted in the casing, means for propelling coins into said compartment in the handle, and means for ringing the bell when the device is operated.
4. In a device of the class described, the combination of a pistol-shaped casing comprising in its construction a handle portion forming a compartment for receiving coins and having a pistol-barrel-shaped portion provided with a passage communicating with said compartment, means for propelling coins into the compartment, a door for the compartment, and a lock for locking said door.
5. In a device of the class described, the combination of a pistol-shaped casing comprising in its construction a handle portion having a compartment for receiving coins and a forward pistol-barrel-shaped portion provided with a passage communicating with said compartment, a plunger movable longitudinally of the casing and adapted to propel coins through said passage and into



said compartment, trigger mechanism for operating the plunger in one direction, and spring mechanism operatively connected with the plunger for operating it in the  
5 opposite direction.

6. In a device of the class described, the combination of a casing having a coin-receiving compartment, and having a portion provided with a passage leading to said  
10 compartment, a plunger movably mounted in the casing and adapted to propel coins through said passage and into said compartment, a trigger operatively connected  
15 with the plunger for operating it in one direction, and a spring operatively connected with the plunger for operating it in the direction of the coin-receiving compartment.

7. In a device of the class described, the combination of a casing having a coin-receiving compartment and a portion provided with a passage leading to said compartment, a plunger movably mounted and adapted to propel coins through said passage, spring mechanism in engagement with  
20 and adapted to move the plunger in the direction of said compartment, and a trigger in operative engagement with the plunger and adapted to move the latter in a direction opposite to that in which it is moved  
25 by said spring.  
30

8. In a device of the class described, the combination of a casing having a coin-receiving compartment and a portion provided with a passage leading into said compartment, a plunger movably mounted in the casing and adapted to propel coins into said compartment, a sound producing element, a trigger operatively connected with the plunger, and adapted to move the latter  
35 outward and away from the coin receiving compartment and sound producing element, and spring mechanism in engagement with and adapted to move said plunger in a direction opposite to that in which it is moved  
40 by said trigger and independently of the latter.  
45

9. In a device of the class described, the combination of a casing having a coin-receiving compartment and having a portion provided with a passage leading into said compartment, a plunger movably mounted in the casing and adapted to propel coins into said compartment, a sound producing element, a hammer adapted to engage the  
50 sound producing element, and means for operating said hammer and plunger.  
55

10. In a device of the class described, the combination of a casing having a coin-receiving compartment and a portion provided with a passage leading into said compartment, a plunger movably mounted in the casing and adapted to engage coins to be propelled into said compartment, a dog connected with said plunger, a trigger in  
60 engagement with the dog and adapted to  
65

operate the plunger in one direction, and spring connected with the dog and adapted to operate said dog and thereby the plunger in the direction of the coin-receiving compartment.  
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11. In a device of the class described, the combination of a casing having a coin-receiving compartment and a portion provided with a passage leading into said compartment, a plunger movably mounted in  
75 the casing and adapted to engage coins to be deposited in the coin-receiving compartment, a dog pivotally connected with the plunger, a trigger pivotally mounted in the casing and adapted to engage the dog, for  
80 operating the plunger in one direction, spring mechanism operatively connected with the plunger for operating it in the opposite direction, a sound-producing element, and a hammer movable into engagement  
85 with the sound-producing element and adapted to be actuated by the trigger.

12. In a device of the class described, the combination of a casing having a coin-receiving compartment and a portion provided with a passage communicating with  
90 said compartment, a plunger mounted adjacent to said passage and adapted to engage coins to be propelled into said compartment, a bell mounted in the casing, and  
95 a trigger pivotally mounted in the casing and operatively connected with the plunger and bell respectively.

13. In a device of the class described, the combination of a casing provided with a  
100 coin-receiving compartment, a slot member mounted in the casing and forming a coin passage communicating with said compartment, a plunger mounted on the slot member and adapted to engage coins placed  
105 therein to be propelled into the coin-receiving compartment, a bell mounted in the casing, a hammer adapted to engage the bell, a trigger operatively connected with the plunger, and means for operatively connecting  
110 the trigger with said hammer.

14. In a device of the class described, the combination of a casing provided with a coin-receiving compartment, a chute mounted in the casing, leading to said compartment,  
115 a bell mounted inside of the casing and supported by said chute, a plunger slidably mounted on the chute, a trigger pivotally mounted in the casing and operatively connected with the plunger, a hammer movable into and out of engagement with the bell, and a toothed segment on the trigger and in operative engagement with the hammer.  
120

15. In a device of the class described, the combination of a pistol-shaped casing comprising in its construction a handle forming a compartment for receiving coins and a pistol-barrel-shaped portion, a slot member forming a passage communicating with said  
125  
130



coin-receiving compartment and located inside of the pistol-barrel-shaped portion of the casing, a bell mounted between the slot member and the side of the casing, a plunger movably mounted adjacent to the opposite side of the slot member and adapted to propel coins through said passage, a trigger operatively connected with the plunger for operating it in one direction, means for operating the plunger in the opposite direction, and means for operatively connecting the trigger with the bell.

16. In a device of the class described, the combination of a pistol-shaped casing comprising in its construction a handle provided with a compartment for receiving coins, and a pistol-barrel-shaped portion, a slot member inside of the pistol-barrel-shaped portion of the casing and forming a coin passage communicating with the said compartment, a plunger mounted inside of the casing and adjacent to said slot member and adapted to propel coins through said passage, a dog pivotally connected with the plunger, a trigger in operative engagement with the dog, a spring connected with the dog, a bell mounted inside of the casing, a hammer adapted to engage the bell, and a toothed segment on the trigger and in engagement with the hammer.

17. In a device of the class described, the combination of a casing having a coin-receiving compartment and a portion provided with a passage leading to said compartment, a plunger movably mounted and adapted to propel coins through said passage, a trigger in engagement with the plunger and adapted to move the latter, spring mechanism in engagement with and adapted to move the plunger in a direction opposite to that in which it is moved by the trigger and independently of the latter and means for holding a coin in the mouth of said passage in position to be engaged by the plunger.

18. In a device of the class described, the combination of a casing having a coin-receiving compartment and a portion provided with a passage communicating with said compartment, a plunger movably mounted within the casing adjacent to the passage and adapted to propel coins through the latter, a trigger in engagement with the plunger and adapted to move the latter in one direction, spring mechanism in engagement with and adapted to move the plunger in a direction opposite to that in which it is moved by the trigger and a spring mounted adjacent to the mouth of the passage and adapted to yieldingly hold a coin in position to be engaged by the plunger.

19. In a device of the class described, the combination of a casing having a coin-receiving compartment and a portion provided with a passage communicating with said compartment, a spring mounted at the

mouth of said passage and adapted for yieldingly holding a coin, a plunger inside of the casing and movable into engagement with the coin, a spring in engagement with and adapted to move the plunger in one direction, a trigger in engagement with and adapted to move the plunger in a direction opposite to that in which it is moved by the spring, and a spring in engagement with the trigger.

20. In a device of the class described, the combination of a casing having a coin-receiving compartment and a portion provided with a passage communicating with said compartment, a spring mounted at the mouth of said passage and adapted to yieldingly engage a coin, a plunger movably mounted within the casing and adapted to engage and move the coin out of engagement with the spring and into said compartment, a trigger in engagement with and adapted to operate the plunger in one direction, and a spring in engagement with and adapted to operate the plunger in a direction opposite to that in which it is moved by the trigger and independently of the latter.

21. In a device of the class described, the combination of a casing having a coin-receiving compartment and a portion provided with a passage communicating with said compartment, a spring at the mouth of said passage adapted to engage a coin and yieldingly hold the latter in position to be engaged by a plunger, a plunger within the casing and adapted to extend outside of the casing and movable inwardly into engagement with the coin, and means for operating the plunger.

22. In a device of the class described, the combination of a casing having a coin-receiving compartment, a slot member mounted inside of said casing and forming a passage communicating with said compartment, a bell mounted on said slot member, a plunger mounted on the slot member and adapted to engage coins to be propelled there-through, a dog pivotally mounted on the plunger, a spring connected with the slot member and with the dog, for operating the plunger in one direction, a trigger adapted to operatively engage said dog, a hammer movable into and out of engagement with the bell and supported by the slot member, and means for connecting the trigger with the hammer.

23. In a device of the class described, the combination of a pistol shaped casing comprising in its construction a handle forming a coin-receiving compartment, a pistol-cylinder-shaped portion, and a pistol-barrel shaped portion, a bell mounted in the pistol-cylinder-shaped portion of the casing, a slot member extending through the pistol-barrel-shaped portion of the casing and communicating with said compartment, a plunger



mounted on said slot member and having  
one end movable to extended position out-  
side of the casing and to a second position  
inside of the casing, a trigger for moving  
5 the plunger in one direction, a dog pivotally  
mounted on the plunger and movable into  
and out of engagement with the trigger, a  
spring connected with the dog and adapted  
to hold it yieldingly in engagement with the  
10 trigger and to operate the dog and thereby

the plunger in a direction opposite to that in  
which it is moved by the trigger, a hammer  
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ing the trigger with said hammer.

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