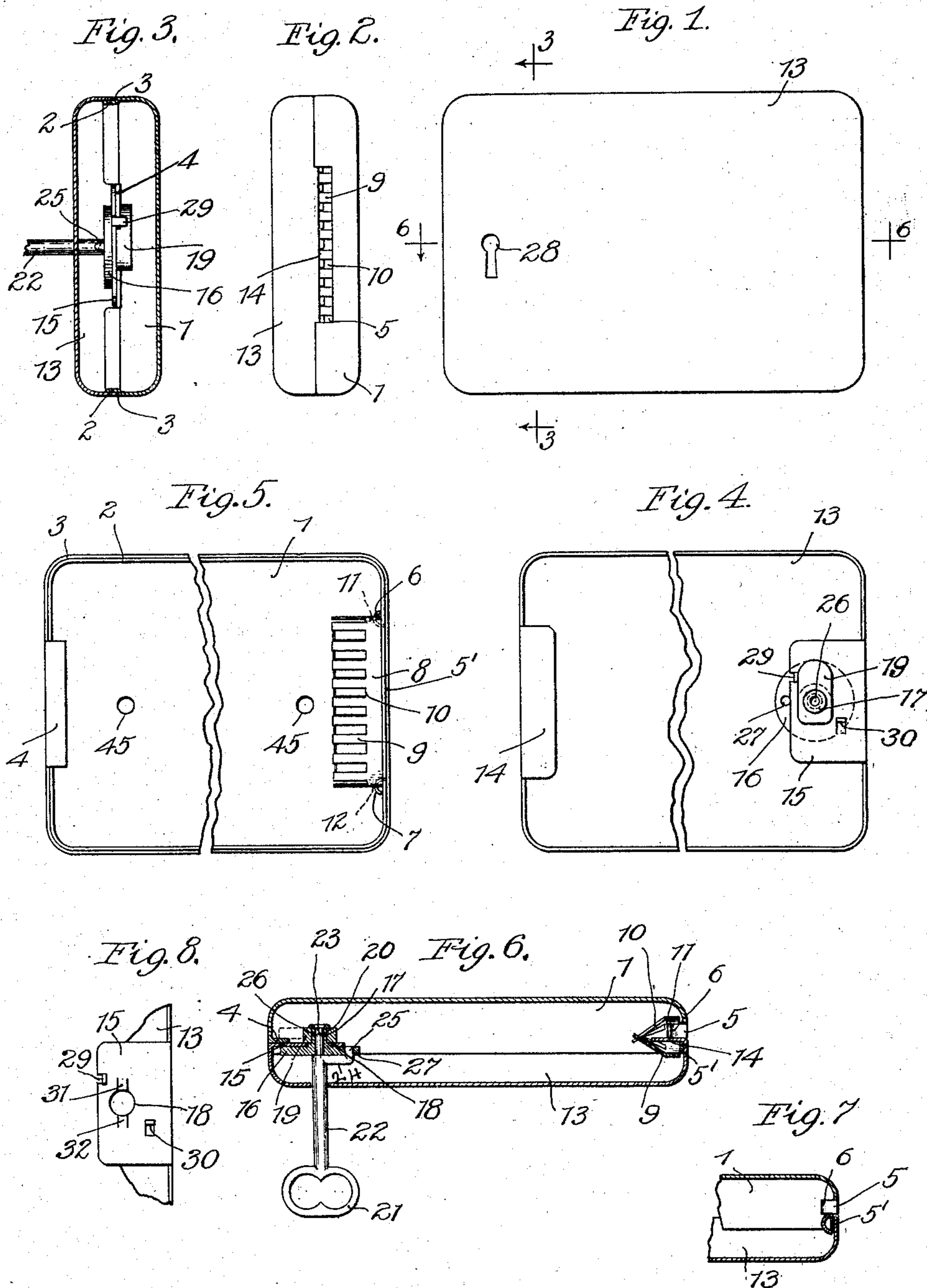


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W. H. WOOLUMS.
COIN RECEPTACLE.
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COIN-RECEPTACLE.

No. 841,756.

Specification of Letters Patent.

Patented Jan. 22, 1907.

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To all whom it may concern:

Be it known that I, WILLIAM H. WOOLUMS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Coin-Receptacles, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to coin-receptacles, its object being the provision of a device of this kind which is of very simple construction, comprising a minimum number of parts, and which at the same time is very durable and efficient. Usually saving devices of this class are of complicated construction, comprising a great number of parts, which causes the manufacturing price, and consequently the sale price, to be comparatively high.

The receptacle of my invention is extremely simple and comprises only five parts, all of which may be stamped from sheet material, preferably aluminium, which makes the device very light and very inexpensive, at the same time retaining full durability and efficiency.

The accompanying drawings illustrate the device of my invention.

In the drawings, Figure 1 is a top view of the receptacle. Fig. 2 is a view of the entrance end thereof. Fig. 3 is a sectional view taken on line 3 3 of Fig. 1. Fig. 4 is an interior view of the cover part. Fig. 5 is an interior view of the body part. Fig. 6 is a sectional view taken on line 6 6 of Fig. 1. Fig. 7 shows a modified arrangement for connecting together the parts at the entrance end, and Fig. 8 shows in detail the construction of the lock-supporting shelf.

The body part 1 of the device (shown in Fig. 5) may be stamped integral from sheet material in the form of a shallow rectangular box, the section 2 being offset inwardly the thickness of the sheet material to form the shoulder or ledge 3. The blank from which this body part is stamped has originally the extension 4, which after the blank has passed through the die is caused to extend inwardly, as shown, to form a locking plate or tongue. A piece is also stamped out of the blank to leave an opening 5 when the box is formed, which opening constitutes the

entrance-opening for coins. Tongues are also provided for at the ends of this opening, which when subsequently curled over, as shown in Fig. 5, form retaining-lugs or eye-lets 6 and 7, which serve to support the coin-retaining member or frame 8. This frame is also stamped integral from sheet material, a long comb-shaped blank being first stamped, having alternately teeth 9 and slots 10. This comb-shaped piece is then bent to form a narrow rectangular frame, as shown in Fig. 5, so that the teeth on one long side may be bent over into the ends of the slots between the teeth on the opposite side. Holes 11 and 12 are provided for when the retaining-frame is stamped, these holes appearing at the ends of the frame in position to receive the lugs 6 and 7, respectively, which lugs are curled over, as shown, after having received the retaining-frame, and thus this frame is rigidly held in position. Thus coins may easily slip into the entrance-opening 5 between the intersecting ends of the retaining-teeth and into the box, and these intersecting teeth will prevent the escape of any coins from the box.

The cover part 13 is similar in shape to the body part and is also stamped integral from sheet material, the edge when the parts are brought together fitting about the section 2 and against the shoulder 3 on the body part, as shown in Fig. 3. On the blank from which the cover part is stamped there is provided an extension 14 at one edge and a rectangular extension 15 at the other edge, and after the blank has passed through the die the part 14 extends inwardly to form a tongue, and the part 15 extends inwardly to form a lock-supporting shelf, the tongue and shelf being parallel to the top of the cover part. The length of the tongue 14 is such that this tongue can be slipped into the entrance-opening 5 under the narrow strip 5', remaining after the entrance-opening has been stamped from the blank, when the parts are brought together, to thereby lock this end of the parts together, as best shown in Figs. 2 and 6. The shelf 15 when the parts are brought together lies against the locking-plate 4 of the body part, as best shown in Figs. 3 and 6.

In Figs. 3, 4, and 8 is shown locking mechanism which I may employ for my device. A

circular key-plate 16 has the central extension 17, which passes through the circular opening 18 in the shelf 15, this locking-plate being below the shelf. Above the shelf is the locking-bar 19, substantially rectangular in shape, having an opening 20 for receiving the extension 17. When the parts are thus assembled, they may be held together by riveting over the end of the extension 17, which may, primarily, be a little longer than the thickness of the locking-bar, as best shown in Fig. 6. The end of the locking-bar on this lower face is cut away the thickness of the locking-tongue 4, so that upon turning of the locking-plate 16 the locking-bar will be carried therewith and this end engage the locking-tongue 4 to thus lock the cover to the body part, the other end of these parts being held together by the tongue 14, which engages in the entrance-slot 5, as before explained. To turn the locking plate and bar, a key is provided which may be of the shape as shown in Fig. 6, comprising the handle 21, the shank 22 terminating in a reduced cylinder end 23 and in a lateral projection 24, terminating in the point 25. An opening 26 is drilled centrally through the locking-plate 16 and its extension 17 for receiving the end 23 of the key, while an opening 27 is provided in the locking-plate 16 for receiving the point 25 of the key. When the key is inserted through the keyhole 28, cut through the cover part, as shown in Fig. 1, the ends 23 and 25 engage with the openings 26 and 27, respectively, and the locking-plate, with the locking-bar, may be turned either to lock or unlock the parts. To limit the range of movement of the locking-bar between its locking and unlocking position, stops 29 and 30 may be provided, which stops may be stamped from the material of the shelf 15. Thus after insertion of the key when the locking-bar is in its unlocked position, as shown in Figs. 3, 4, and 6, and upon a turn of ninety degrees the end of the locking-bar will be brought into engagement with the locking-tongue 4, as shown in dotted lines of Fig. 6. In order to avoid self-unlocking of the parts, sections of the shelf adjacent to the opening 18 therethrough are stamped up to provide spring-tongues 31 and 32, (best shown in Fig. 8,) which spring-tongues engage the inside of the locking-bar to retain the locking parts in position to prevent self-unlocking thereof.

With the arrangement thus far described the cover and body parts of the receptacle may be entirely disconnected upon unlocking thereof and by slipping the locking-tongue 14 out of the entrance-opening. As shown in Fig. 7, the tongue 14 may be curled about the narrow part 5' at the top of the opening 5, this forming a hinge arrangement which will hold the cover to the body part, but will allow it to swing about the body part when the lock is open.

The receptacle may be made of different shapes and of any capacity. The particular shape shown in the drawings adapts the device to be carried in pockets. In Fig. 5 I have shown the flat part of the base part provided with holes 45, which enables the device to be secured by screws or nails to a support in a convenient position to receive coins. Upon unlocking the cover part it may be removed or swung away from the base part and the coins extracted at any time desired. When the device is to be used in this manner, it would preferably be made of larger capacity.

I thus produce a very simple coin-receptacle which comprises only five parts, not counting the key, each of which parts may be readily stamped. The coin-retaining frame 8 I prefer to stamp from springy material; but I prefer aluminium as the material from which all the other parts are formed. The key may be aluminium or some harder material and can also be stamped or cast integral. The device therefore can be made extremely light and for very little cost. Another feature is the fact that practically the entire interior of the box can be devoted to the reception of coins. In other devices of this kind with which I am familiar a great volume of the interior is taken up by locking parts, thus greatly decreasing the capacity and efficiency of the receptacle. It will also be noticed that the locking mechanism is at one end of the receptacle and the entrance-opening at the extreme other end, which renders it very difficult to pick the lock with any means inserted through the entrance-opening. It is also very difficult to pick the lock by inserting any foreign means, such as wire, through the keyhole. I do not wish to be limited to the exact construction and arrangement of the various parts as herein shown, as changes may be readily made without departing from the scope of my invention.

I claim as new and desire to secure by Letters Patent—

1. In a coin-receptacle, the combination of a body part stamped integral from sheet material and having an entrance-opening through one end, a cover part stamped integral from sheet material and having a tongue at one end for engaging in the entrance-opening when the cover is applied to lock the parts together at the entrance end, and locking means for locking together the parts at their other end.

2. In a coin-receptacle, the combination of a body part stamped integral from sheet material and having an entrance-opening through one end, a cover part stamped integral from sheet material and having a tongue at one end for engaging in the entrance-opening when the cover is applied to lock the parts together at the entrance end, locking means for locking together the parts at their

other end, and a coin detent-frame formed integral from sheet material secured within the cover part about the entrance-opening.

3. In a coin-receptacle, the combination of
 5 a body part, a locking-plate extending inwardly from one end of the body part, an entrance-opening at the other end of the body part, said body part with the locking-plate and entrance-opening being stamped integral
 10 from sheet material, a cover part of substantially the same shape as the body part, a locking-tongue extending inwardly from one end of the cover part for engaging in the entrance-opening at the body part to lock the
 15 body and cover parts together at the entrance end, a supporting-shelf extending inwardly from the other end of the cover part, and locking mechanism mounted on said shelf to be brought into engagement with the
 20 locking-plate when the body and cover parts are brought together, said cover part with the locking-tongue and supporting-shelf being stamped integral from sheet material.

4. In a coin-receptacle, the combination of
 25 a body part in the form of a rectangular box, a locking-plate extending inwardly from one end of the body part, an entrance-opening through the other end of the body part, a cover part, a locking-tongue extending inwardly
 30 from one end of the cover part for engaging in the entrance-slot to lock the body and cover parts together at the entrance end, a supporting-shelf extending inwardly from the other end of the cover part to register
 35 with the locking-plate in the body part when the parts are brought together, and locking mechanism supported by the locking-shelf adapted to be operated to lock the shelf to the locking-plate, thereby locking the cover
 40 and body parts together.

5. In a coin-receptacle, the combination of a body part in the form of a rectangular box having an entrance-slot through one end wall, a cover part similar in shape to the body part,
 45 a locking-tongue extending inwardly from one end wall of the cover part for engaging in the entrance-slot to lock the cover and body parts together at the entrance end, and locking mechanism for locking together the cover
 50 and body parts at the other end.

6. In a coin-receptacle, the combination of a rectangular body part having an entrance-slot through one end wall, a cover part similar in shape to the body part, a locking-
 55 tongue extending inwardly from one end wall of the cover part for engaging in the entrance-slot to lock the cover part to the body part at the entrance end, and locking means for locking together the other ends of the parts, said
 60 body and cover parts being stamped integral from sheet material.

7. In a coin-receptacle, the combination of a rectangular body part having an entrance-slot through one end wall, a cover part similar in shape to the body part, a locking-

tongue extending inwardly from one end wall of the cover part for engaging in the entrance-slot to lock the cover part to the body part at the entrance end, locking means for locking
 70 together the other ends of the parts, said body and cover parts being stamped integral from sheet material, and a coin-retaining frame stamped integral from sheet material and surrounding the entrance-slot at the interior
 75 of the body part.

8. In a coin-receptacle, the combination of a body part in the form of a rectangular box having an entrance-slot through one end wall, a locking-plate extending inwardly
 80 from the edge of one end wall, a cover part similar in shape to the body part, a supporting-shelf extending inwardly from the edge of one end wall of the cover part, and locking mechanism supported by said shelf adapted to be actuated to engage with the locking-
 85 plate of the body part and to lock the cover part to the body part.

9. In a coin-receptacle, the combination of a body part in the form of a rectangular box having an entrance-opening through one end
 90 wall, a locking-plate extending inwardly from the edge of one end wall of the body part, a cover part similar in shape to the body part, a supporting-shelf extending inwardly from the edge of one end wall of the cover
 95 part, a locking-bar pivoted on said shelf, and means for moving said locking-bar into engagement with the locking-plate when the cover and body parts have been brought together.
 100

10. In a coin-receptacle, the combination of a body part in the form of a rectangular box having an entrance-opening through one end wall, a locking-plate extending inwardly
 105 from the edge of one end wall of the body part, a cover part having a shape similar to the body part, a locking-tongue extending inwardly from the edge of one end wall of the cover part for engaging in the entrance-slot of the body part when the parts are brought
 110 together, and locking mechanism supported from the other end wall of the cover part for engaging with the locking-plate of the body part when these parts are brought together.

11. In a coin-receptacle, the combination
 115 of a body part in the form of a rectangular box having an entrance-slot through one end wall, a locking-plate extending inwardly from the edge of one end wall of the body part, a cover part having a shape similar to the body
 120 part, a locking-tongue extending inwardly from the edge of one end wall of the cover part for engaging in the entrance-slot, a supporting-shelf extending inwardly from the edge of the other end wall of the cover part, a
 125 locking-bar pivoted to the supporting-shelf, and means for rotating said locking-bar whereby said bar may be brought into locking engagement with the locking-plate on the body part when the parts are brought to-
 130

gether, said locking mechanism and said locking-tongue serving to lock the cover and body parts together.

12. In a coin-receptacle, the combination of a body part in the form of a rectangular box having an entrance-slot through one end wall, a locking-plate extending inwardly from the edge of the other end wall, a cover part having a shape similar to that of the body part, a locking-bar supported from one end wall of the cover part, and actuating mechanism connected with the locking-bar and adapted to be actuated by a key to cause movement of the locking-bar into engagement with the locking-plate when the cover and body parts are brought together.

13. In a coin-receptacle, the combination of a body part in the form of a rectangular box having an entrance-slot through one end wall, a locking-plate extending inwardly from the edge of the other end wall, a cover part similar in shape to the body part, a supporting-shelf extending inwardly from the edge of one end wall of the cover part, a locking-bar pivoted at one side of said supporting-shelf, a locking-plate at the other side of said supporting-shelf connected with the locking-bar, and means adapting said locking-plate to be turned by a key whereby said locking-bar may be brought into locking engagement with the locking-plate on the body part when the cover is applied thereto.

14. In a coin-receptacle, the combination of a body part in the form of a rectangular box having an entrance-slot through one end wall, a locking-plate extending inwardly from the edge of the other end wall, a cover part similar in shape to the body part, a supporting-shelf extending inwardly from the edge of one end wall of the cover part, a locking-bar pivoted at one side of said supporting-shelf, a locking-plate at the other side of said supporting-shelf connected with the locking-bar, and means adapting said locking-plate to be turned by a key whereby said locking-bar may be brought into locking engagement with the locking-plate on the body part when the cover is applied thereto, said body part with the locking-plate and entrance-slot being stamped integral from sheet material and said cover part with the supporting-shelf being also stamped integral from sheet material.

15. In a coin-receptacle, the combination of a body part in the form of a rectangular box having an entrance-slot through one end wall, a locking-plate extending inwardly from the edge of the other end wall, a cover part similar in shape to the body part, a supporting-shelf extending inwardly from the edge of one end wall of the cover part, a locking-bar pivoted at one side of said supporting-shelf, a locking-plate at the other side of said supporting-shelf connected with the

locking-bar, means adapting said locking-plate to be turned by a key whereby said locking-bar may be brought into locking engagement with the locking-plate on the body part when the cover is applied thereto, and a locking-tongue extending inwardly from the edge of the wall of the cover part opposite the supporting-shelf, said tongue being slid into the entrance-slot of the body part when the parts are brought together whereby the entrance end of the parts are locked together.

16. In a coin-receptacle, the combination of a body part in the form of a rectangular box having an entrance-slot through one end wall, a locking-plate extending inwardly from the edge of the other end wall, a cover part similar in shape to the body part, a supporting-shelf extending inwardly from the edge of one end wall of the cover part, a locking-bar pivoted at one side of said supporting-shelf, a locking-plate at the other side of said supporting-shelf connected with the locking-bar, means adapting said locking-plate to be turned by a key whereby said locking-bar may be brought into locking engagement with the locking-plate on the body part when the cover is applied thereto, and a locking-tongue extending inwardly from the edge of the wall of the cover part opposite the supporting-shelf, said tongue being slid into the entrance-slot of the body part when the parts are brought together whereby the entrance ends of the parts are locked together, the body part with the locking-plate and entrance-slot being stamped integral from sheet material, and the cover part with the supporting-shelf and locking-tongue being also stamped integral from sheet material.

17. In a coin-receptacle, the combination of a body part having an entrance-slot through one wall, a cover part of a similar shape as the body part, the material at the ends of the entrance-slot being curled inwardly to form supporting-eyelets, and a retaining-frame secured in said eyelets and disposed about the entrance-slot.

18. In a coin-receptacle, the combination of a body part having an entrance-slot through one wall, a cover part of a similar shape as the body part, the material at the ends of the entrance-slot being curled inwardly to form supporting-eyelets, and a retaining-frame secured in said eyelets and disposed about the entrance-slot, said body part and cover part being each stamped integral from sheet material.

In witness whereof I hereunto subscribe my name this 30th day of October, A. D. 1906.

WILLIAM H. WOOLUMS.

Witnesses:

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