

(No Model.)

2 Sheets—Sheet 1.

B. M. TURNBULL.
COIN HANDLING FACILITATOR.

No. 465,299.

Patented Dec. 15, 1891.

Fig. 1.

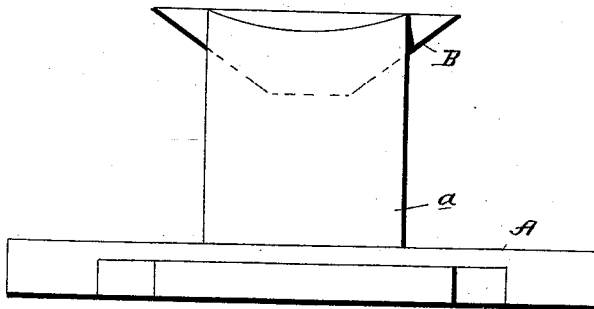


Fig. 2.

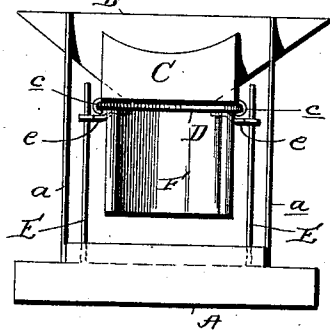


Fig. 5.

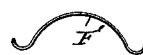


Fig. 3.

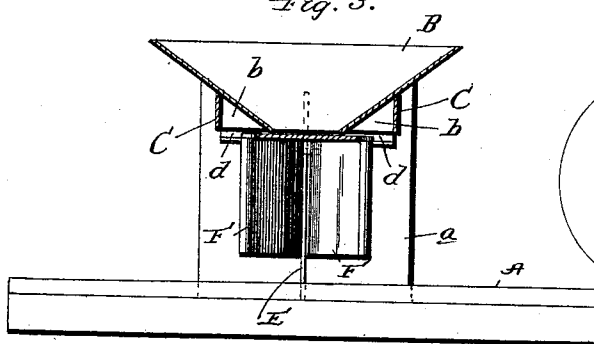
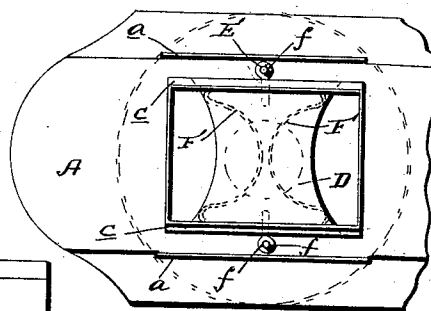


Fig. 4.



Witnesses:

C. H. Raeder
James Sheehy

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Brisbane M. Turnbull.

by W. R. Stringfellow

Attorney

(No Model.)

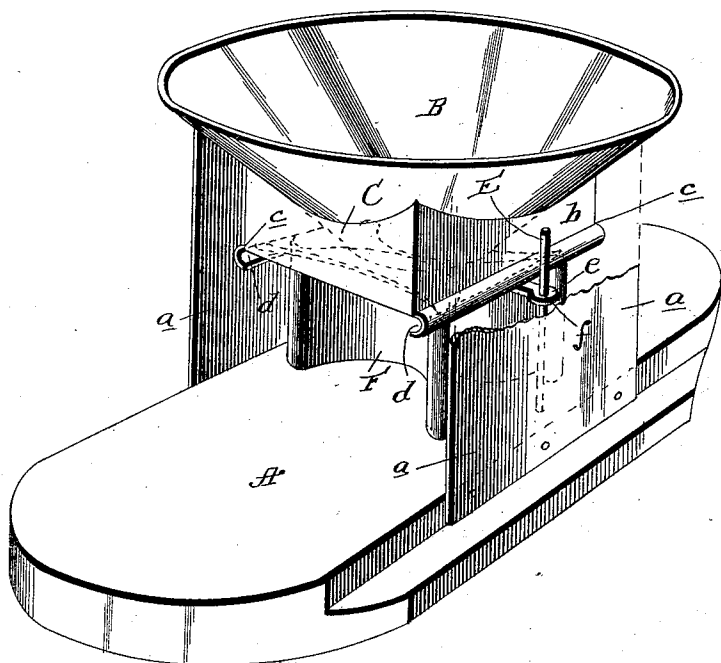
2 Sheets—Sheet 2.

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Fig. 6.



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UNITED STATES PATENT OFFICE.

BRISBANE M. TURNBULL, OF PASCAGOULA, MISSISSIPPI.

COIN-HANDLING FACILITATOR.

SPECIFICATION forming part of Letters Patent No. 465,299, dated December 15, 1891.

Application filed April 11, 1891. Serial No. 388,560. (No model.)

To all whom it may concern:

Be it known that I, BRISBANE MARSHALL TURNBULL, a citizen of the United States, residing at Pascagoula, in the county of Jackson and State of Mississippi, have invented certain new and useful Improvements in a Coin-Handling Facilitator; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a device for facilitating the handling of coins—such, for instance, as when making change after a purchase; and it has for its object to provide at a minimum expense a device whereby a party purchasing or doing business involving the handling of money may be relieved of the embarrassment frequently experienced in picking up the pieces of coin received in change, as well as obviating the necessity of placing the coin to be changed or paid to the clerk or attendant into his hand, so that no danger in dropping it by an awkward or clumsy person might be experienced.

Before describing the details of construction I desire to say that I am well aware that many devices have been constructed in which change may be received by a party from a purchaser without involving the placing of the same by one party into the hand of the other, and I therefore do not wish to be understood as claiming such devices broadly.

My invention will be fully understood from the following description and claims, when taken in connection with the annexed drawings, in which—

Figure 1 is a side view of my improved device. Fig. 2 is an end view of the same. Fig. 3 is a longitudinal sectional view. Fig. 4 is a plan view with the funnel-shaped receiver and push-plates in dotted lines. Fig. 5 is an edge view in plan of one of the push-plates removed, and Fig. 6 is a perspective view of the device with one of the walls supporting the funnel or receiver partly broken away.

Referring by letter to the said drawings, A indicates a base, which may be formed of any suitable material, and while the whole device is designed to be portable, this base should have sufficient weight to insure a firm seating of the device upon a table or counter during

operation. Rising from this base in a vertical manner are two parallel walls *a*, which are secured at their lower ends to said base and have their upper edges cut out, as shown, so as to snugly receive and sustain the funnel-shaped receiver B, and said receiver may be secured to the walls by any suitable means.

Depending from the under side of the funnel-shaped receiver is a rectangular frame C, which surrounds the discharge-opening, and two opposite parallel walls *b* of this depending frame have their edges bent, as shown at *c*, so as to form guideways or grooves *d* for a slide, which will be presently explained.

D indicates the slide, which is composed of a horizontal plate having its opposite edges bearing in the guides or grooves *b* of the depending frame. This slide-plate is provided at opposite ends with laterally-projecting arms *e*, which are provided with holes *f* to receive springs. The springs E are preferably formed from a rod of spring-wire, secured at their lower ends to the base and passing through the eyes *f* of the arms *e* and projecting a sufficient distance above the same so as to permit the plate D to slide without becoming entirely disconnected from the springs.

Secured to the under side of the slide and depending therefrom in a vertical position are push-plates F. These plates are of a concavo-convex form in horizontal section, and the convex surfaces are placed approximately together, with the concaved sides exposed. These slide-plates, being thus shaped, will permit the hand of a person to be placed in contact therewith, so that there will be no space between the fingers or hand and the concaved surface of the plates. These concaved push-plates are secured to the slide-plates D, so that when pushed from you a coin deposited upon the upper surface of said plate D will drop into the hand, and the depending frame C, as well as serving to support the sliding plate and also the push-plates which move therewith, will serve as an additional means of preventing the change or coins from flying, and will serve effectively, together with the concaved plates, in directing such coin or coins into the hand.

In operation, when a purchaser desires to pay for a purchase and there is no change to be given, he simply places the amount in the

funnel-shaped receiver B, when it will fall upon the slide-plate D. The attendant then simply places his hand below the depending frame C and presses forwardly one of the push-plates F, which, moving the slide, will bring his hand directly below the discharge-opening of the receiver without any danger of dropping the amount from the hand. Should it be desirable to return change to the purchaser, the attendant simply deposits the coin in the funnel-shaped receiver, when the purchaser may, by pressing the opposite concaved plate from him with his hand upon the same, receive the change in a summary manner.

Having described my invention, what I claim is—

1. The device for facilitating the handling of coins described, comprising a base, the parallel walls rising from opposite sides thereof, the funnel-shaped receiver supported on said walls, the frame depending from the under side of the receiver and surrounding the discharge-opening and also having the slide-ways in its opposite walls, the slide-plate arranged in said ways so as to normally close the discharge-opening of the receiver, the lat-

eral arms secured to the plate and having the vertical eyes therein, and the concavo-convex push-plates having convex sides arranged toward each other and depending from the slide-plates, and the vertical springs secured at one end to the base and having their opposite ends passing through and bearing in the eyes of the arms of the slide-plates, substantially as specified.

2. A coin-handling facilitator comprising a base, a funnel sustained above the base and having its discharge-opening over the same, a horizontal slide-plate normally covering the discharge-opening of the funnel, two concaved slide-plates having their concavities arranged reversely to each other and secured to the horizontal slide, and the spring-rods secured to the base and connected with the slide, so as to normally hold the slide to close the discharge-opening of the funnel, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

BRISBANE M. TURNBULL.

Witnesses:

CHAS. BOSTER,
HENRY RUSSELL.