

(No Model.)

J. S. KEY.

COUNTER FOR FACILITATING THE TRANSFER OF MONEY.

No. 407,759.

Patented July 23, 1889.

Fig. 1.

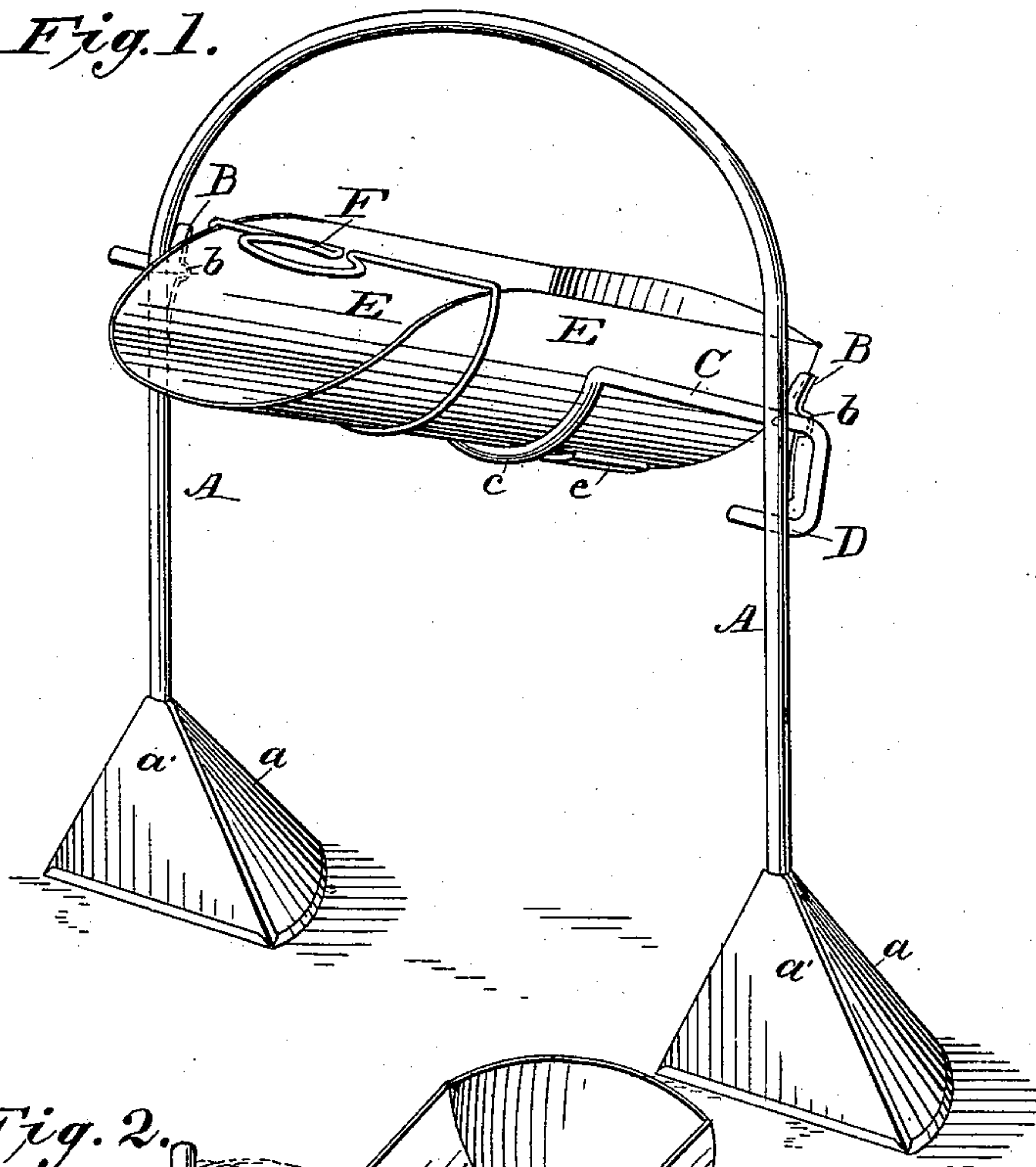
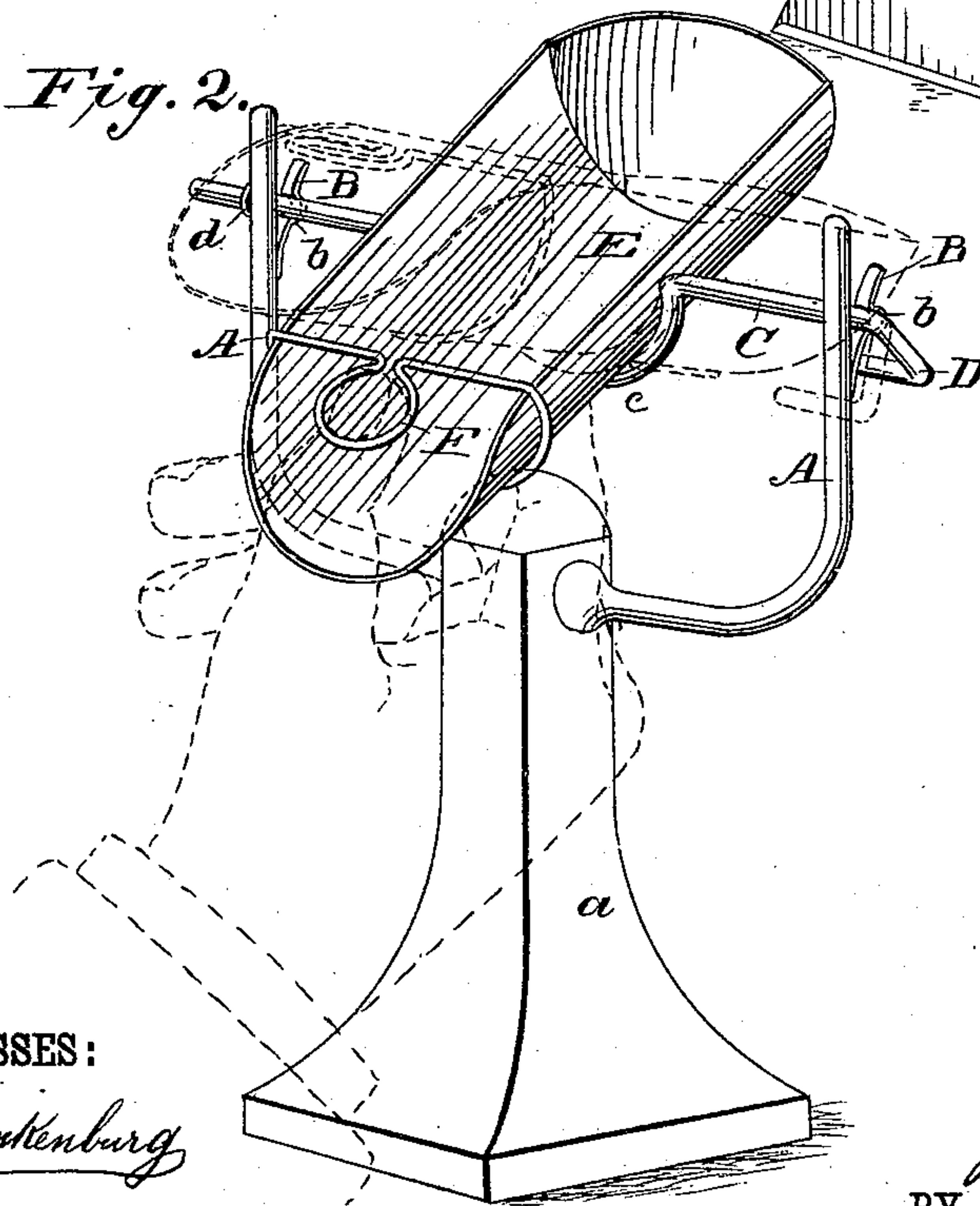


Fig. 2.



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COUNTER FOR FACILITATING THE TRANSFER OF MONEY.

SPECIFICATION forming part of Letters Patent No. 407,759, dated July 23, 1889.

Application filed October 28, 1886. Renewed December 13, 1888. Serial No. 293,493. (No model.)

To all whom it may concern:

Be it known that I, JAMES S. KEY, of the city, county, and State of New York, have invented a new and Improved Device to Facilitate the Exchange of Money, of which the following is a full, clear, and exact description.

My invention relates to a device to facilitate the making of change, and has for its object to deliver the change from the cashier directly in the hand of the party in front to whom it belongs, whereby the awkward and distressing effort necessitated by the present system of picking up a smooth or small coin or ticket from off a smooth surface will be avoided.

The invention consists in the construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

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

Figure 1 is a perspective view of my device in position to receive change, and Fig. 2 is a perspective view illustrating the delivery thereof.

A great difficulty has heretofore been experienced by the masses in taking up quickly the coin given as change by cashiers in stores, at the ferry, and railroad offices, and especially in picking up the tickets and change at the two latter-named places in cold weather and in the midst of a pushing crowd, as in order under the present arrangement to be at all successful the glove must be removed from the hand, which not only tends to chill, but also often leads to the loss of the glove itself, as well as in many instances the spilling of the change. I aim by my invention to overcome these annoyances, and to that end I construct a U-shaped standard A, which may be provided with weighted pedestals *a* at its ends, as shown in Fig. 1, or a single central pedestal engaging the curved portion of the standard, as illustrated in Fig. 2. When constructed as in Fig. 1, the U-standards are made of a height and width to correspond with the usual opening in a cashier's desk, and the pedestals *a* are provided with an outer flat vertical surface *a'* in the same plane with

the said U-standard, in order that the complete frame may rest fairly against the wire or glass in which the window is made. To the inner side of each arm of the standard A, usually above the center near the top, I attach spring-bearings B, ordinarily formed of a strip of spring metal having a decided concavity *b* stamped therein. I now journal in the said concavity of the spring-bearing B a rod C, having a central downwardly-arched semicircular surface *c* made integral therewith, and one end bent at right angles downward, and again at right angles horizontally inward to form a stop D, which is accomplished by the said horizontally-bent end resting normally against the standard A. The other extremity of the rod C may be fitted with a ring *d*, adapted when the said rod is sprung into the bearings B to prevent the horizontal displacement.

A metallic scoop E is attached centrally to the rod C within the semicircular portion *c* thereof, the said semicircular portion *c* being made to neatly conform to the under contour of the scoop. To the inner or inclosed end of the scoop, at the bottom, a weight *e* is usually secured to keep the same when not operated from the open end in a horizontal position, the said horizontal or normal position being sustained by the contact of the stop D with the standard A.

A thumb-rest F is provided the scoop at its outer or open end, which may be constructed of a wire, as shown in the drawings, made to encircle and be secured to the scoop at the aforesaid point, having a ring F formed therein centrally at the top; but a flat metal strip having an integral outward central projection fastened above the top edges of the scoop may be employed instead of the construction shown without departing from the spirit of my invention. When constructed with a single pedestal, as shown in Fig. 2, the device is adapted to stand openly upon a counter, desk, or wherever designed for use.

If found necessary or desirable, two scoops may be mounted upon the axis, the one facing the reverse of the other, or upon separate axes, the one below the other with ends reversed; or spring-bearings may be attached to each side of a window, and the rod C, carrying the

scoop, be journaled therein, thereby dispensing with the standards and pedestals, if desired.

In the operation of my device the change or ticket, or both, is placed in the scoop when in its normal position, as shown in Fig. 1. The party to whom the change belongs simply passes his hand under the scoop with the thumb upon the rest F, and tilting the same, as illustrated in Fig. 2, the contents rapidly and safely slide in the palm. As soon as released, the scoop again assumes a horizontal position in the operation. As will be seen, it is unnecessary to remove a glove, and the distressing effort to pick a smooth coin from a smoother surface is avoided.

I do not confine myself to the scoop-like form of the money-receptacle, as the same may be made in the shape of a shallow pan, or partake of other shapes, without departing from the spirit of my invention.

The scoop employed in my device need not be constructed of metal, as papier-maché, pasteboard, or similar material, may be used; and the scoop or tray may be made to return to its normal position by a coil or other form of spring instead of a weight, as shown.

It will be seen from the accompanying drawings that the scoop and its shaft may be quickly removed and replaced in their bear-

ings should the cashier desire to pass any large article through the window.

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

1. The combination, with the standard A, having attached spring-bearing B, provided with a concavity *b*, and the weighted pedestals *a*, having smooth rear surface *a'* in the same vertical plane with said standards, of the weighted scoop E, the thumb-rest F, and the pivotal rod C, having a central concavity *c*, a stop D at one end, and a ring *d* at the other, substantially as shown and described, and for the purposes herein set forth.

2. The combination, with the weighted standards A, having attached spring-bearings B, of the scoop E, provided with a thumb-rest at its upper outer end, and a weighted plate *e*, attached to the under side at its inner end, together with a rod C, having a curved central surface *c*, secured to said scoop, and an integral stop D, formed at one end, the said rod adapted to enter said spring-bearings, substantially as shown and described.

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