

P. J. STOKES.
Fare-Boxes.

No. 157,555.

Patented Dec. 8, 1874.

Fig. 1.

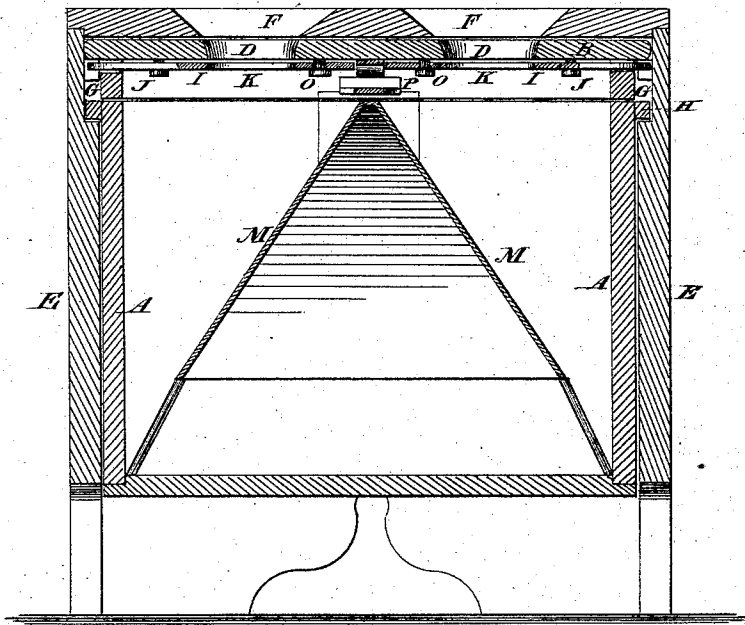
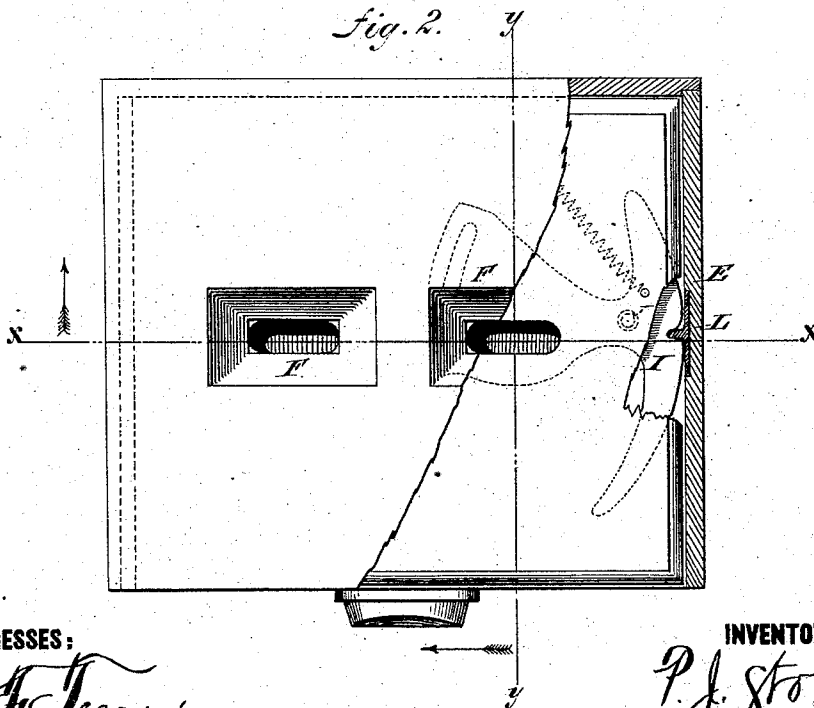


Fig. 2.



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BY P. J. Stokes
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fig. 3.

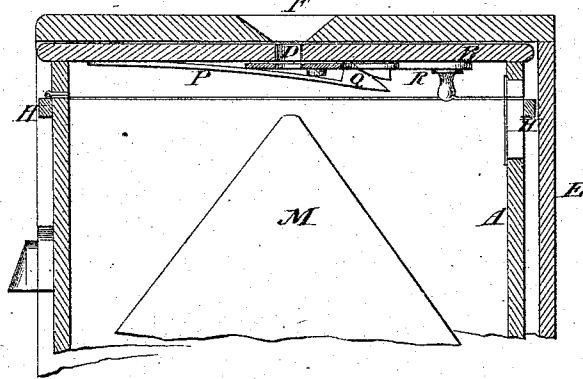
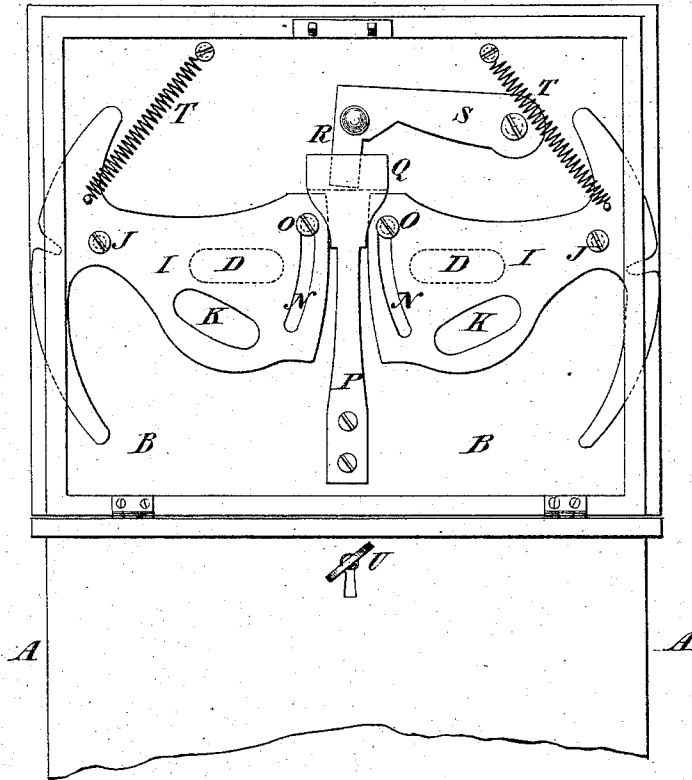


fig. 4.



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Fig. 5.

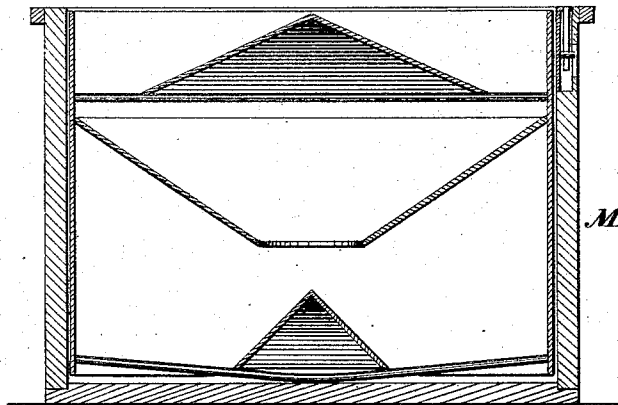
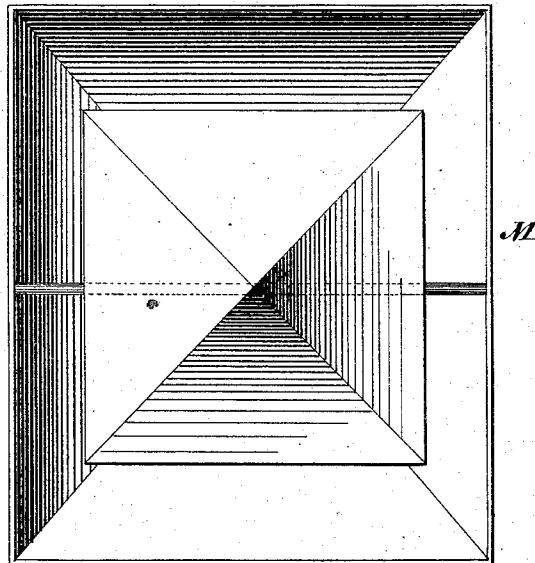


Fig. 6.



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UNITED STATES PATENT OFFICE

PATRICK J. STOKES, OF NEW YORK, N. Y.

IMPROVEMENT IN FARE-BOXES.

Specification forming part of Letters Patent No. **157,555**, dated December 8, 1874; application filed November 7, 1874.

To all whom it may concern:

Be it known that I, PATRICK J. STOKES, of the city, county, and State of New York, have invented a new and useful Improvement in Fare-Boxes, of which the following is a specification:

The invention will first be fully described, and then pointed out in the claim.

In the accompanying drawing, Figure 1 represents a horizontal section of Fig. 2, taken on the line *xx*. Fig. 2 is a top view of the box, showing in dotted lines a portion of the mechanism for opening and closing the apertures. Fig. 3, Sheet 2, is a vertical section of Fig. 2, taken on the line *yy*. Fig. 4, Sheet 2, is a view of the inside of the fare-box cover, showing the opening and closing mechanism.

Similar letters of reference indicate corresponding parts.

A is the fare-box, which is preferably nearly a cube in form, having a hinged cover, B, like an ordinary chest. On the inside of this cover the opening and closing mechanism is placed, by means of which the apertures D D, through the top of the box, are opened and closed. E represents the case or outer box, into which the fare-box slides. This case has a top or cover with apertures F F, which correspond in position (when the fare-box is in place) with the apertures D D of the fare-box. G G are grooves or rabbets in the opposite sides of the case, by which the fare-box is suspended on the cleats H H, which cleats are fastened to the fare-box, as seen in the drawing. The opening and closing mechanism attached to the inner side of the fare-box cover consists of the pieces of sheet metal I I, which are pivoted to the cover by the screws or rivets J J. K K are apertures through these pieces I I, the apertures D D in the cover of the box being shown in dotted lines. These pieces are turned on their pivots, so as to make the holes K K correspond in position with the holes D D, by means of catches L in the grooves G G of the case. (See Fig. 2.)

The outer edges of the pieces I I project from the cover, so as to engage with the catches L L. When the box is shoved into the case the pieces are turned to make the holes correspond, so that money or ballots may be dropped through the case and box onto the cone M. N N are curved slots in the pieces I I, and O O are screws in the lid or cover, passing through the slots, which control the movement of the pieces, the heads of which screws confine the pieces to the cover. P is a spring fastened to the cover, having a hook, Q, (seen in Fig. 3) at its end, which prevents the movement of the pieces I I until the wedge R, which is pivoted to the cover by the screw S, is pushed down to force the spring P outward. This is done when the cover is closed down and placed in the case, so that the catches L L will engage with and turn the pieces I I, and open the apertures. When the box is withdrawn the pieces are turned in the opposite direction to close the apertures. T T are springs, to aid in that movement. U is the key-hole and key. The cone M has a leg at each corner, by which the cone is raised from the bottom of the box to allow the money or ballots to slide down the sides, and fall under the cone.

The cone may be made in any manner suited for the purpose. Fig. 5, Sheet 3, is a modification of the cone M, to be used for the same purpose, consisting of three cones—two convex cones and an intervening concave cone—arranged as seen.

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

In combination with the fare-box A, the pieces I I, P, and R, arranged to operate substantially as and for the purposes described.

PATRICK J. STOKES.

Witnesses:

T. B. MOSHER,
ALEX. F. ROBERTS.