

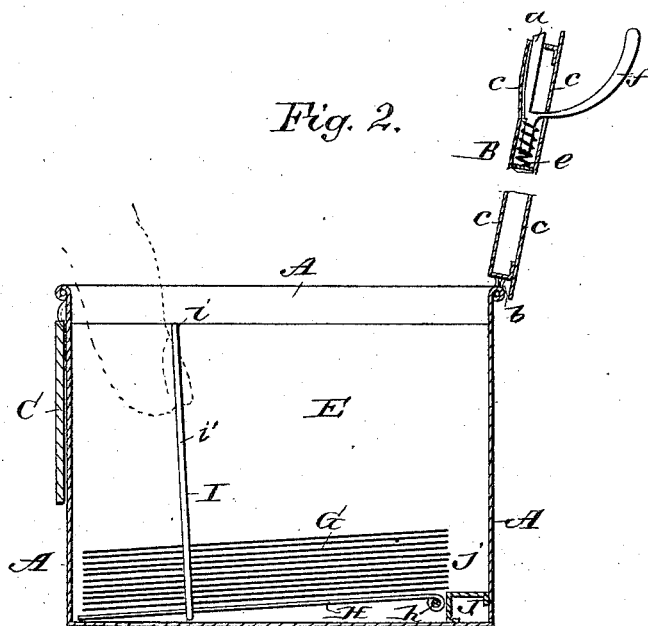
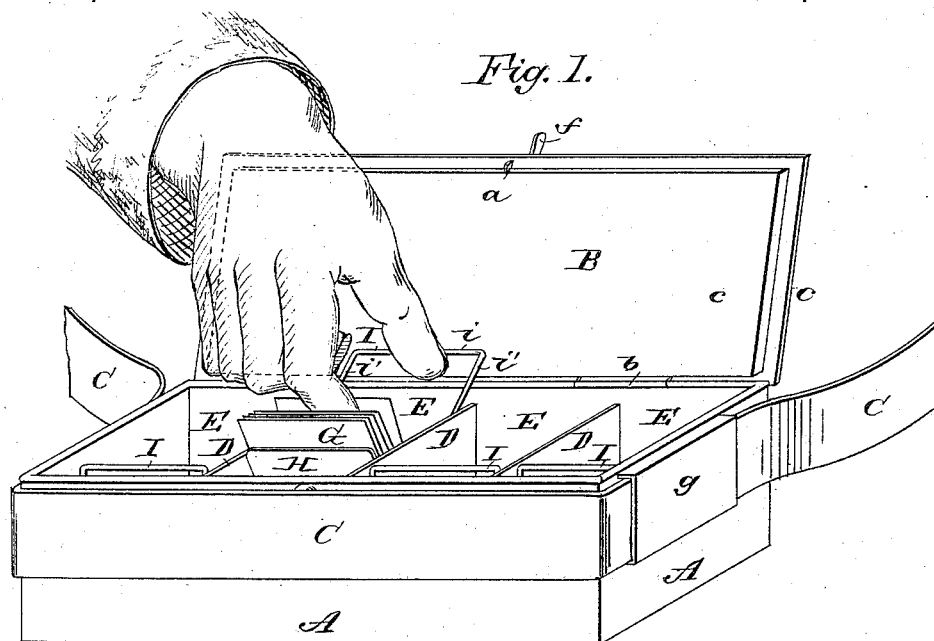
(No Model.)

J. G. HOLDEN.

STREET CAR DRIVER'S CHANGE BOX.

No. 306,252.

Patented Oct. 7, 1884.



WITNESSES:

*W. B. Beer*  
*C. Sedgwick*

INVENTOR:

*J. G. Holden*  
BY *Munn & Co*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

JOHN GLIDDEN HOLDEN, OF DANVILLE, ILLINOIS.

## STREET-CAR-DRIVER'S CHANGE-BOX.

SPECIFICATION forming part of Letters Patent No. 306,252, dated October 7, 1884.

Application filed April 24, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN GLIDDEN HOLDEN, of Danville, in the county of Vermilion and State of Illinois, have invented a new and Improved Street-Car-Driver's Change-Box, of which the following is a full, clear, and exact description.

My invention relates to change-boxes for street-railway cars more particularly, the object being to provide a simple, inexpensive, and convenient means for removing the change-envelopes from the box.

The invention consists in floors hinged at the bottoms of the separate envelope-compartments, and having means for lifting the floors to carry the envelopes, end upward, in convenient position for grasping them.

The invention consists, also, in a special arrangement of the hinged floors in inclined positions, and in the particular construction and location of the frames or bails by which the floors are lifted, all as hereinafter fully described and claimed.

Reference is to be had to the accompanying drawings, forming 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 improved change-box shown open and illustrating the manner of removing one of the change-envelopes, and Fig. 2 is a transverse section through the box, with the cover open and partly broken away.

The letter A indicates the change-box, and B its lid or cover, which is hinged along one side of the box, as at *b*, and has a spring-catch, *a*, held within two walls, *c c*, of the lid B, so as to snap into the recess *d* of the front wall of the box to hold the cover closed. The spring *e* forces the end of the catch *a* into the recess *d*, and the catch has a finger-bar, *f*, by which it may be released to open the lid. Any approved kind of catch may, however, be employed, and may be fitted to either a single or double walled lid.

The box A has two or more box-loops, *g*, fixed to it, and through which the strap C passes, so as to be buckled around the waist of the car-driver, to hold the box in front of him and slightly toward the left hand, and preferably so that the cover B shall open toward his

body. The box A has partitions D dividing it into smaller boxes or compartments E, for holding separate piles of money, envelopes, or packets G, the several envelopes of each pile containing money or change of like value, as is customary in boxes of this class.

At the bottom of each box or compartment E, I hinge at *h* the floor or platform H, to which is fixed rigidly, near its outer end, the wire frame I, and so that space is afforded between the top cross-bar, *i*, of the frame and the outer wall of the box to admit the thumb or finger of the driver's hand, as in dotted lines in Fig. 2. The side bars, *j*, of the frame I are spaced apart sufficiently to receive the pile G of envelopes between them. I prefer to hinge the floor H at *h* to a corner-piece, J, set in the box, so that the floor shall incline downward from the hinge to carry the envelopes G by gravity toward the outer side of the box A and leave a space, *k*, behind the pile of envelopes, to permit them to be lifted easily by the rising floor, and without cramping or binding the box.

When the driver wishes to make change, he opens the cover B of the box A, and then places his thumb under the bar *i* of a frame, I, of one of the compartments, as in Fig. 2, and lifts the frame, and thereby the floor H and the pile G of envelopes thereon, bringing the envelopes end upward, as in Fig. 1, when the forefinger may separate one or more of the envelopes, as required, from the pile, and those so separated may be grasped by the thumb and forefinger and lifted from the box, while the remaining envelopes of the pile, with the floor H and frame I, drop back into the box.

The whole operation is easily and quickly performed with the right hand alone, leaving the other hand free to handle the reins for controlling the horses drawing the car.

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

1. A change-box constructed with hinged floors H in the bottoms of the envelope-compartments, and means, substantially as described, for raising said floors to carry the envelopes end upward, substantially as shown and set forth.

2. A change-box constructed with hinged floors H in the bottom of the envelope-compartments, and frames I, fixed to the floors,

said frames consisting of side bars, *i' i'*, to confine the envelopes at their edges, and the cross-bar *i*, by which to lift the floor, substantially as shown and described.

5 3. A change-box constructed with hinged floors *H* in the bottoms of the envelope-compartments, and said floors inclining downward when in lowered position, substantially as shown and described.

10 4. The combination, with the envelope-compartments of a change-box, of a floor, *H*, of

about the length of the envelopes, and said floor inclining downward from its hinge, and said hinge being located to afford a space, *j*, behind the pile of envelopes, together with 15 means for lifting the floor, substantially as shown and described.

JOHN GLIDDEN HOLDEN.

Witnesses:

F. W. DOANE,

JNO. B. SAMUEL.