

No. 664,810.

Patented Dec. 25, 1900.

J. HUMPHREY.

TICKET BOX.

(Application filed July 2, 1900.)

(No Model.)

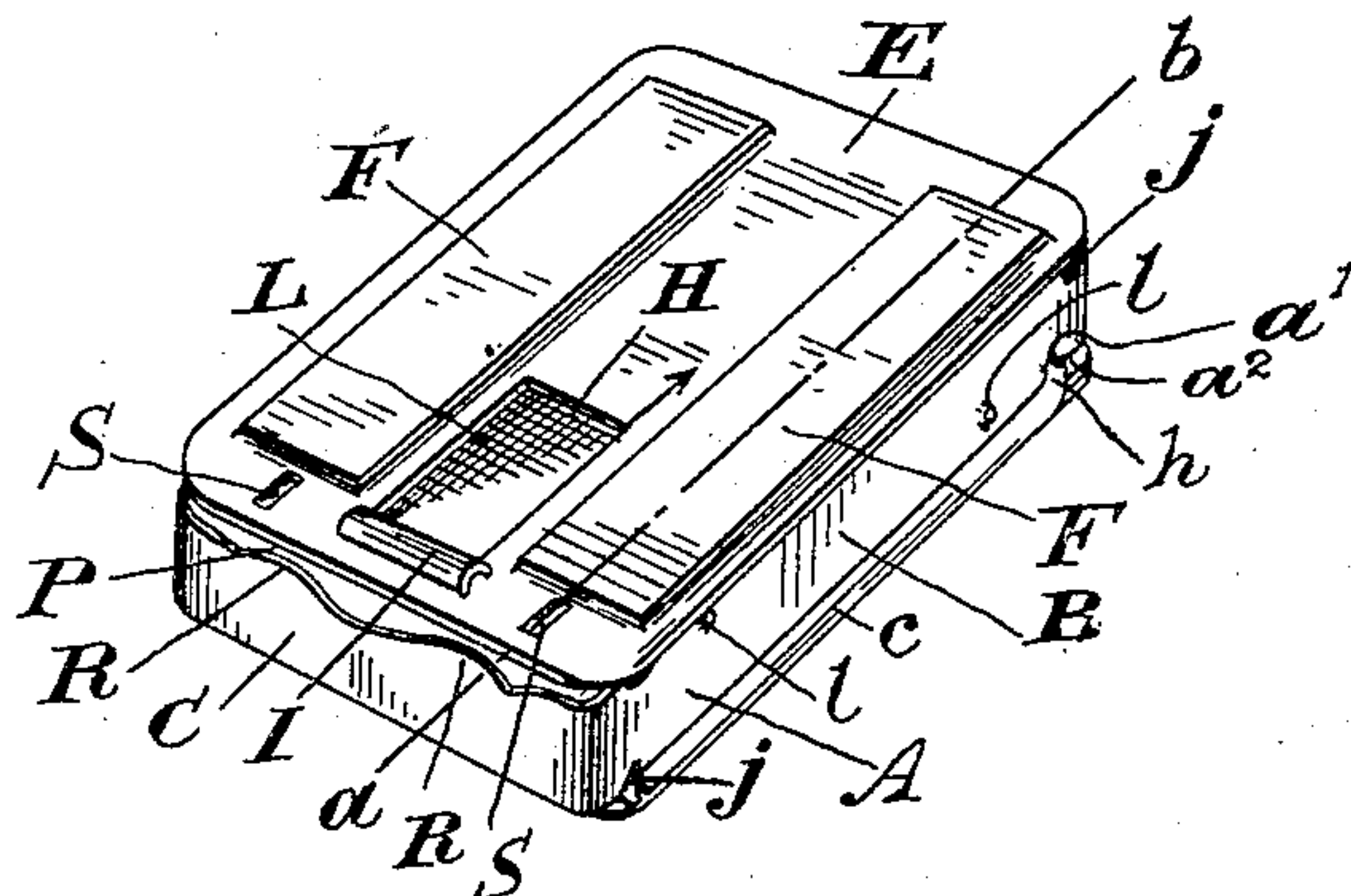


Fig. 1.



Fig. 5.



Fig. 2.

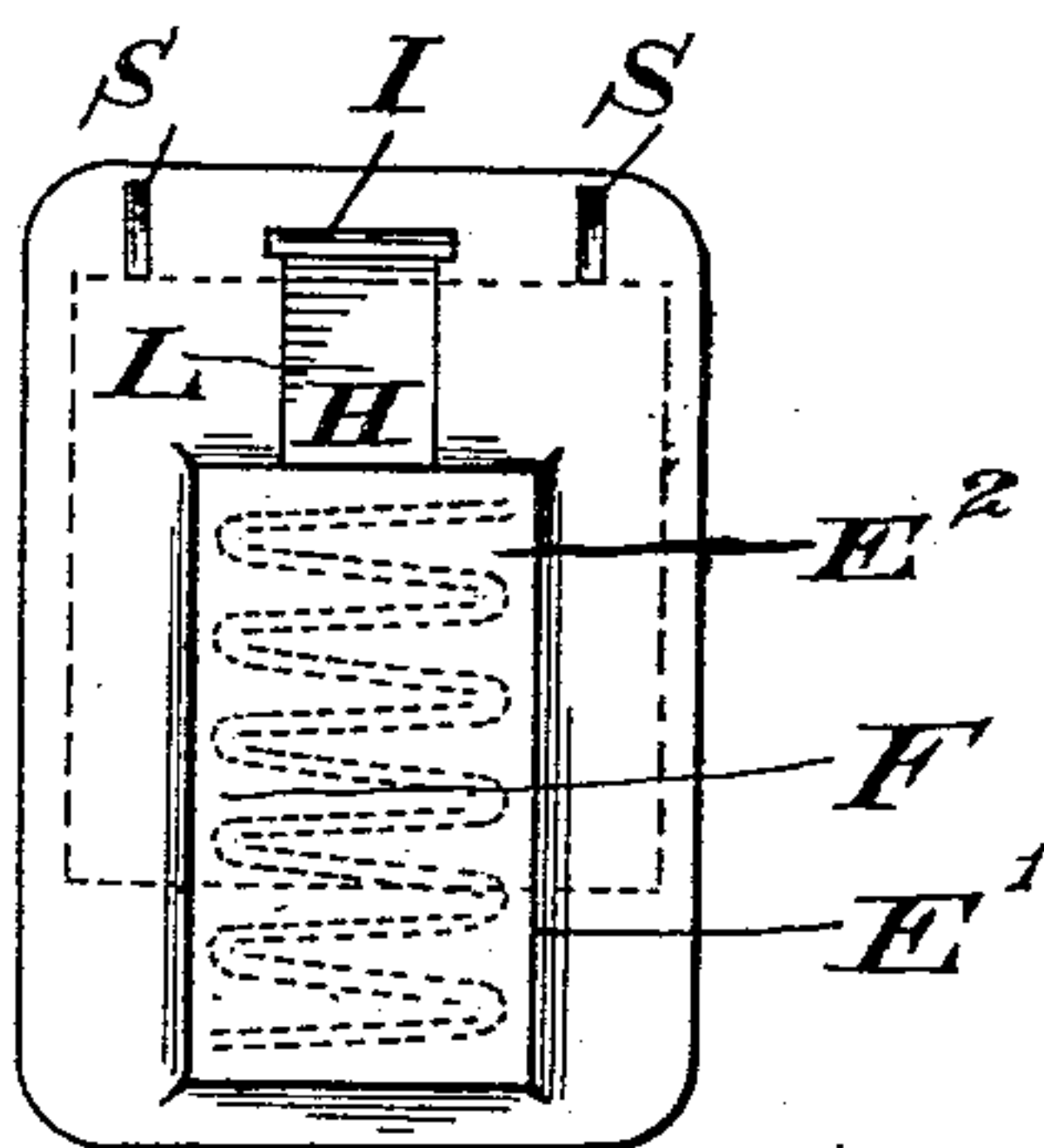


Fig. 4.

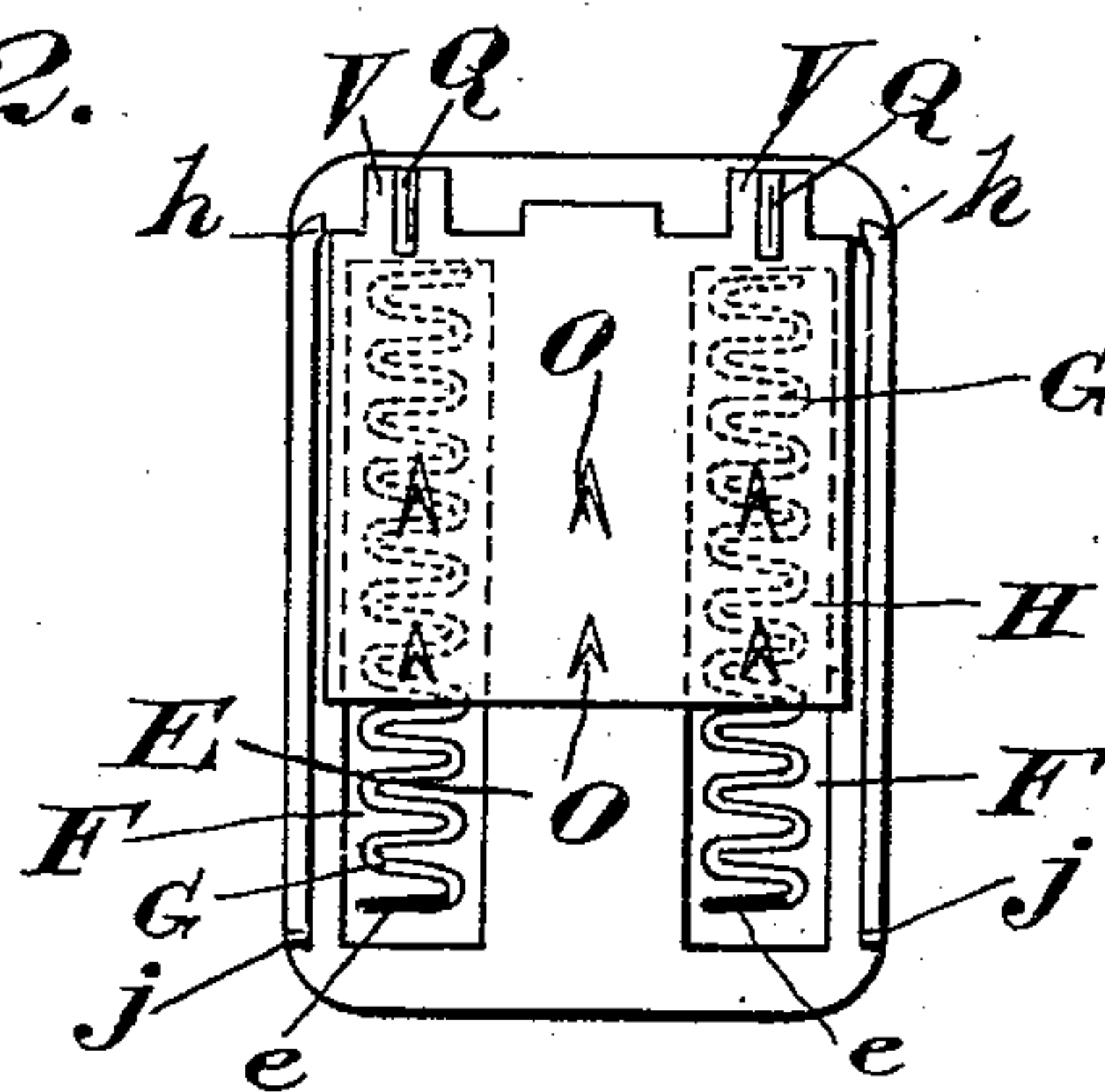


Fig. 3.

Witnesses

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stry.

UNITED STATES PATENT OFFICE.

JAMES HUMPHREY, OF TORONTO, CANADA.

TICKET-BOX.

SPECIFICATION forming part of Letters Patent No. 664,810, dated December 25, 1900.

Application filed July 2, 1900. Serial No. 22,300. (No model.)

To all whom it may concern:

Be it known that I, JAMES HUMPHREY, a subject of the Queen of Great Britain, and a resident of Toronto, in the county of York, Province of Ontario, Canada, have invented certain new and useful Improvements in Ticket-Boxes, of which the following is a specification.

My invention relates to improvements in ticket-boxes more particularly designed for holding street-car tickets, calling-cards, postage-stamps, and the like; and the object of my invention is to design a box in which can be stored a number of tickets, the operation of the box permitting only one ticket at a time to be fed therefrom; and it consists, essentially, of a box-frame inclosed by two sliding covers, followers being contained within said box for feeding the tickets into proximity to a spring-controlled plate used for feeding said ticket from said box, as hereinafter more particularly explained. It will of course be understood that said box is designed to hold only one kind of ticket, card, or stamp at a time.

Figure 1 is a general perspective view of my box designed as a holder for street-car tickets. Fig. 2 is an enlarged vertical section on the line *a b*, Fig. 1, showing the construction of my box. Fig. 3 is a plan view of the under side of one of the sliding covers for the box, showing the means used for feeding tickets from the box. Fig. 4 is a plan view of an alternative form of cover for the box. Fig. 5 is an enlarged vertical section through a portion of the box and one of the covers, showing their flanges.

In the drawings like letters of reference indicate corresponding parts in each figure.

A is the box-frame, B B the sides thereof, and C C the ends thereof. The said box-frame is preferably made of one piece of metal. The edges of the sides B B are provided with flanges *a*², which are enveloped by the flanges *c*, with which the sides of the covers E are provided. It will be seen that the back end of each cover E, as shown at *d*, (see Fig. 2,) abuts the ends C, so as to prevent any spaces at these points, and thus obviate any possibility of the tickets being caught and prevented from being freely fed from said box. Stamped up in the covers E

are two bedways F F, in which the springs G G operate. One end of each of the springs G is suitably secured to the covers E, as at *e*, and the other ends of the said springs are suitably secured to the spring-controlled feed-plates H H. It will be seen from the drawings that the spring-controlled feed-plates H H keep the springs G G in place in their respective bedways. The tickets are placed between the spring-controlled feed-plates H H and the followers J, which are connected together at their centers by a spring K. The ends C C are lowered at one of their sides, so as to form passage-ways P, and also are cut, so that the upper surfaces of the two portions R R of said ends are in the same plane as the outer bottoms of the stamped-down stops S S in the covers E, thus preventing the followers J from being moved above the surfaces of the said portions R R. The said followers therefore will not be hindered from moving up and down, as will be understood.

When it is desired to feed a ticket from the box, one of the feed-plates H is moved in the direction indicated by arrow by moving the raised flange I (which is secured to the forward end of each feed-plate H) in the slot L, formed in the covers E. The follower operating therewith is tilted down in the direction indicated by arrow in Fig. 2 as the spurs O press against the tickets thereupon. The depression of the rear end of said follower of course causes a corresponding elevation of the front end. As the said feed-plate begins to return to normal the ticket held by the spurs O is moved off the elevated end of the said follower and into the passage-way P. As the said feed-plate further returns to normal the front end of the said follower is depressed, thus moving the under tickets away from the fed ticket. If a second ticket should be moved toward the passage-way P during the feeding of the first ticket, it will abut the portions R R, and thus be prevented from further movement. It will of course be understood that the flanges I are wider than the slots L and rest upon the sides thereof, thus holding the feed-plates H in position. The front forward ends of the feed-plates H are slotted, as shown at Q, which slots receive the stamped-down stops S S, and, together with the raised flanges I, abutting one end of the

slots L when at normal, prevent further forward movement of said feed-plates. The sides V of the slots Q also give the feed-plates H additional bearing against the covers E, and thus prevent undue rocking of said feed-plates. The ends *h* of the flanges *c* are bent inwardly, as shown, and engage depressed points *a'* in the sides B for the purpose of keeping the covers E in place.

j represents lugs secured to or forming part of the flanges *c*. These lugs about the stops *l*, secured to or forming part of the sides B for the purpose of preventing the covers H from being removed entirely from the box. The stops *l* are of course formed up after the said cover has been slid on the box-frame.

The alternative form of cover E' (shown in Fig. 4) is provided with only one bedway F, in which has operation a spring E², which operates one of the described feed-plates in connection with this form of cover.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a box of the class described, the combination with the box-frame having the discharge edge of each end diagonally placed and cut away so as to form a passage-way for the tickets between said box-frame and the front end of each removable cover, two portions of said discharge edge of said ends extending a certain distance above the rest of said edge of said ends into said passage-way, the removable longitudinally-slotted covers therefor formed in one piece and slidably connected to said box-frame, stops S, S formed in said removable covers and extending downwardly so that their lower under surface is in the same plane as the most elevated portion of the above-mentioned points extending into said passage-ways, bedways F, F, formed in said removable covers, and centrally spring-controlled followers contained within said box-frame for feeding the tickets in proximity to a ticket ejector or feeder, of the feeders H, raised flanges I, formed integral with said feeders and operating in the slot in said removable covers, spurs O, formed in said feeders and so placed as to grasp the ejecting ticket to prevent lateral displacement of same, and springs G, G, secured to the feeders H, and said covers and operating in said bedways, all arranged as set forth and for the purpose specified.

2. In a box of the class described, the combination of the box-frame having the discharge edge of each end diagonally placed

and cut away so as to form a passage-way for the tickets between said box-frame and the front end of each removable cover, two portions of said discharge edge of said ends extending a certain distance above the rest of said edge of said ends into said passage-ways, removable longitudinally-slotted covers for said box-frame, stops S, S, formed in said removable covers and extending downwardly so that their lower under surface is in the same plane as the most elevated portion of the above-mentioned points extending into said passage-ways, bedways F, F, formed in said removable covers, feeders H, spurs O, formed in said feeders and so placed as to grasp the ejecting ticket to prevent lateral displacement of same, raised flanges I secured to said feeders and resting upon the said covers and operating in the longitudinal slot formed in said covers, springs G, G, secured to the feeders H and said covers and operating in the said bedways, and centrally spring-controlled followers J, contained in said box-frame for feeding the tickets in proximity to said feeders H, all arranged as set forth and for the purpose specified.

3. In a box of the class described, the combination of the box-frame having the discharge edge of each end diagonally placed and cut away so as to form a passage-way for the tickets between said box-frame and the front end of each removable cover, two portions of said discharge edge of said ends extending a certain distance above the rest of said edge of said ends into said passage-way, removable longitudinally-slotted covers for said box-frame, stops S, S, formed in said removable covers and extending downwardly so that their lower under surface is in the same plane as the most elevated portion of the above-mentioned points extending into said passage-ways, followers J, contained in said box-frame, spring K connecting said followers together in their center, and means for grasping the tickets and tilting said followers upon said spring K to facilitate discharge of said tickets from said box through said passage-way, all arranged as set forth and for the purpose specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES HUMPHREY.

Witnesses:

EGERTON R. CASE,
LAWRENCE REYNOLDS.