

UNITED STATES PATENT OFFICE.

LEONARD J. BLADES, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN TICKET-CASES.

Specification forming part of Letters Patent No. **161,093**, dated March 23, 1875; application filed February 8, 1875.

To all whom it may concern:

Be it known that I, LEONARD J. BLADES, of Boston, in the county of Suffolk and State of Massachusetts, have invented Improvement in Ticket-Cases, of which the following is a specification:

My invention relates to railway-ticket cases, and is an improvement on my patent No. 145,388. In that patent the ticket-holding drawers are placed in an inclined position with reference to the case in which they are supported and move. The drawers are made of wood, have strips of wood or metal applied to the front of the partitions, and between which and the bottom of the drawer the tickets are drawn, and the tickets are passed forward toward the strips by a gravitating triangular block.

My invention consists in a drawer, constructed as hereinafter described, and also in a globular circular or rotating follower for keeping the tickets forward in position to be drawn. The drawer shown on the drawing is to be applied to the ticket-case in which it is to move, as are the drawers in the patent herein referred to; and it is to be filled by drawing it down and tipping it, as described in said patent, and in this specification I shall, therefore, only describe my present improvement.

Figure 1 is a perspective view of my improved ticket-holding drawer; and Fig. 2 is a section with the circular follower.

The drawer A is composed of metallic strips *a*, having flanged bottom-pieces *a*³, on which the tickets move, and by which they are supported. These bent strips *a* *a*³ are connected at front and back under the portions *a*³, and by a strip, *c*, at top. This last strip acts as a stop or gage for the tops of the tickets. The upright portion *a* is flanged or turned over at *a*¹, preventing the tickets from rising, and at the forward end these strips are bent or provided with lips, one, *a*², projecting in one direction, and the other lip, *d*, projecting in the other direction. A drawer with six channels or ways for tickets is shown in Fig. 1, and it will be seen that each channel or way has projecting across it two lips, one, *d*, on one side, and one, *a*², on the other, each lip projecting from different strips, as shown, and these lips act as do the strips E in patent No. 145,388. The drawer, constructed as herein described, is cheaper and simpler than the

drawer in the said patent, and, besides, is lighter. Instead of being made of metal it might be of any other suitable material capable of being bent or molded into position, as shown. The follower *f*, which acts against the backs of the tickets *g*, is like a ball, and by its use I am enabled to place the drawers at a less inclination from a horizontal position, which is a very important item, for much valuable space in the case is thereby saved; and, further, the ball backs the tickets above their centers, is never in contact with the lower ends of the tickets, and, therefore, never crowds the tickets forward so that the bottom of the ticket to be drawn becomes pinched between the follower and lip *a*², but on the contrary, the lower portions of the tickets are free to yield a little, so that when being drawn by the thumb or finger they are removed from friction of the lips *a*². The ball will not permit the last ticket to be pulled, and this too is of importance, for all the tickets are numbered, and should follow in regular succession, and when the last ticket is reached it is held between the strip *c* and the ball, and so that if the ticket is drawn it is jammed by the ball closer and closer against the strip *c*. This stoppage of the ticket reminds the agent that the channels or way must be again filled, and shows him the number that is to follow. Any number of channels or ways may be formed in a drawer.

Having described my invention, I claim—

1. The drawer A, composed of the series of united bent strips *a* *a*³, having lips *a*² *d*, substantially as described.
2. A drawer having the division-strips *a*, provided with lips *d* *a*², bent in opposite directions, substantially at right angles to the strip *a*, as and for the purpose described.
3. The combination, with the ticket-holding drawer, of the globular circular or ball-like follower, adapted to roll down on the bottom of the drawer and support the tickets, substantially as described.

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

LEONARD J. BLADES.

Witnesses:

G. W. GREGORY,
WM. PRATT.