

No. 872,190. H. J. MÜLLER. PATENTED NOV. 26, 1907.  
CONTRIVANCE FOR INSERTING LOOSE PACKETS OF TICKETS INTO TICKET  
COMPARTMENTS.

APPLICATION FILED MAY 21, 1907.

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INVENTOR

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ATTY



# UNITED STATES PATENT OFFICE.

HEINRICH JULIUS MÜLLER, OF SCHAFFHAUSEN, SWITZERLAND.

## CONTRIVANCE FOR INSERTING LOOSE PACKETS OF TICKETS INTO TICKET-COMPARTMENTS.

No. 872,190.

Specification of Letters Patent.

Patented Nov. 26, 1907.

Application filed May 21, 1907. Serial No. 374,906.

*To all whom it may concern:*

Be it known that I, HEINRICH JULIUS MÜLLER, a citizen of Switzerland, residing in Schaffhausen, in the Canton of Schaffhausen, Republic of Switzerland, (whose post-office address is 29 Neustadt, Schaffhausen,) have invented a new and useful Contrivance for Inserting Loose Packets of Tickets into Ticket-Compartments; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

I have applied for patent: in Switzerland on May 29th 1906, Patent No. 36763; in Germany on June 15th 1906, Patent No. 182130; in Austria-Hungary on February 23d, 1907.

The subject of the present invention is a contrivance for inserting loose packets of tickets into ticket compartments in an appreciably more rapid, secure and convenient manner than is available by the methods hitherto employed.

In the accompanying drawings, Figure 1 is a vertical section and Fig. 2 a horizontal section of apparatus constructed according to my invention.

*a* represents a holder, open at the top and at the front, preferably made of thin material such as tin, whose width corresponds to the breadth of a ticket and whose depth only slightly exceed the length of a ticket. The holder is closed on the rear side by a partition through which is operated the stem *b* of a movable plunger *c*. The furthestmost surface of the plunger *c* is at an inclination to the vertical. Each side of the holder has an upward projection *d* which serves as an abutment against the ticket compartment *k*, and a forward projection *d*<sup>1</sup>, so arranged as to engage with the compartment *k*; the object hereof being to guard against the disarrangement of the contrivance in a lateral direction. In the sides of the holder is arranged a pin-hinged plate *f* controlled by two springs *h*. One spring tends to turn the plate towards a

holder, and the other spring operates in a similar manner from the rear-end. The fore end of the base of the holder has a downwardly bent flange *l* so arranged as to overlap the ticket stop or check against which the tickets when pushed into the compartment are pressed by means of the spring controlled projecting plate (not shown) placed in the compartment. Through a slit *n* along the bottom of the ticket-holder, passes a sliding guide secured to the plunger *c* and which overlaps the bottom of the holder in the nether side.

The packets of tickets *e* to be supplied to the ticket compartment *k* are inserted in the holder by drawing back the piston-rod *b*; whereupon the holder is placed in position as regards the flange *l* and the ticket stop *m*, and similarly the projections *d* are brought into contact with the ticket compartment. The projections *d*<sup>1</sup> are disposed to come on the inside of the walls of the ticket-compartment; and the vertically tending plate *f* prevents the tickets, which have been inserted in an upright position in the holder, from falling over. The tickets are then pressed, by force applied to the knob of the piston-rod, into the ticket compartment *k*; whereupon the spring-controlled projecting plate is thrust back towards and into the compartment. When inserting the packet of tickets in the compartment, the plate *f*, engages under the further end of the spring *i* and then raises the latter off the tickets, so that the insertion can take place free from obstruction. When releasing the contrivance from the compartment, as soon as the pressure of the piston-rod on the tickets ceases, the latter fall to the bottom of the compartment under the influence of gravity augmented by spring pressure. Upon withdrawal of the piston-rod the plate *f* swings likewise backwards and then forwards into the vertical. The contrivance is now ready for the reception of a fresh packet or packets.

What I claim is:

A contrivance for inserting loose packets of tickets in ticket compartments, comprising a holder adapted for receiving packets of tickets and provided with a plunger for thrusting same into a ticket compartment,

projections for bringing the holder in front of  
the compartment and projections to prevent  
lateral displacement of the holder and a  
spring-controlled plate hinged to the holder  
5 for releasing the tickets when thrust into the  
compartment, from the pressure of a spring  
disposed in the compartment the said plate  
being arranged to swing back into a vertical  
position upon the withdrawal of the plunger.

In testimony whereof, I have signed my 10  
name to this specification in the presence of  
two subscribing witnesses.

HEINRICH JULIUS MÜLLER.

Witnesses:

S. N. REISS,  
THEODORE F. DWIGHT.