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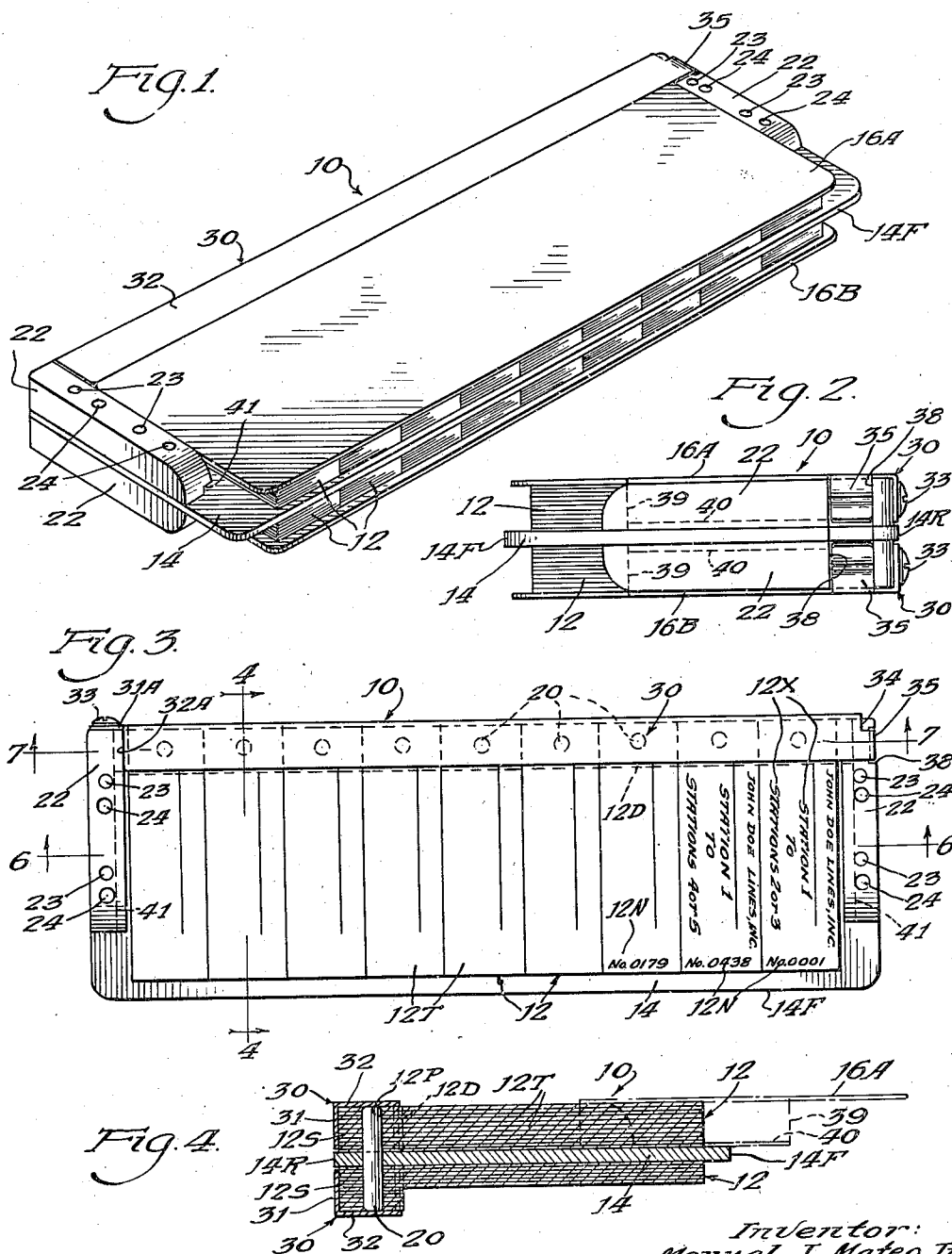
M. J. MATEO, JR

2,483,553

TICKET HOLDER

Filed May 16, 1946

2 Sheets-Sheet 1



Oct. 4, 1949.

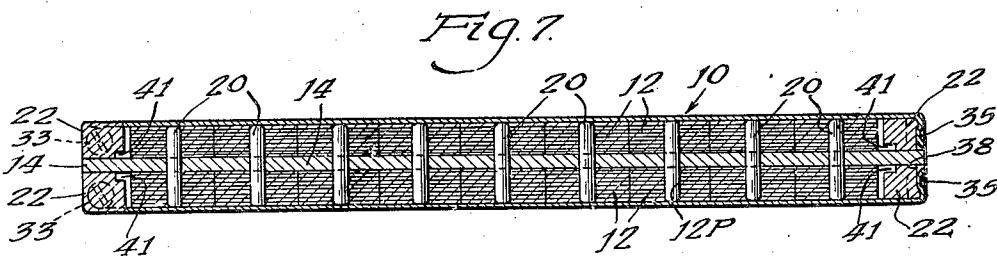
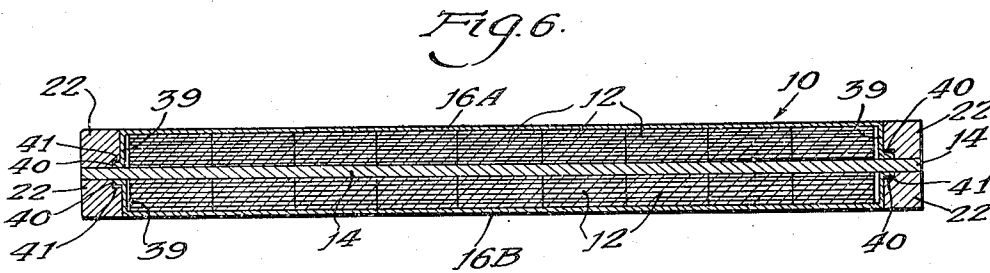
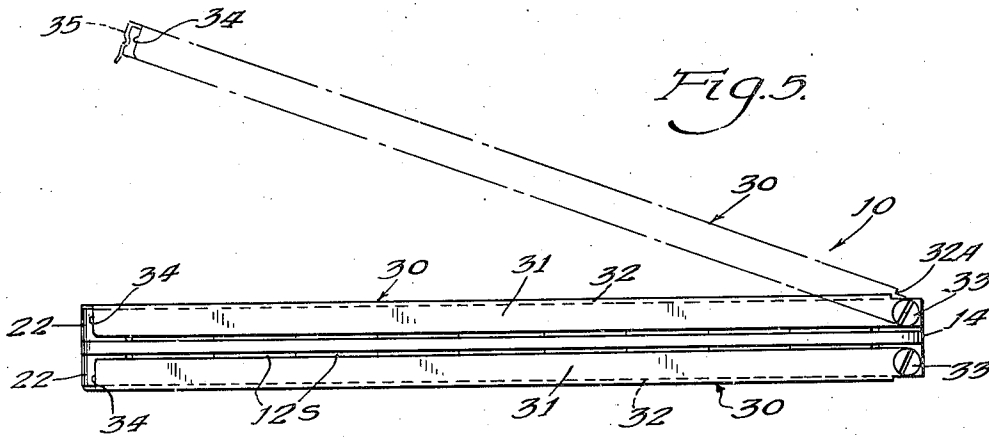
M. J. MATEO, JR

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2 Sheets-Sheet 2



Inventor:
Manuel J. Mateo, Jr.
By: Fred Bing
Attorney

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TICKET HOLDER

Manuel J. Mateo, Jr., Evanston, Ill., assignor to
Poole Bros. Inc., Chicago, Ill., a corporation
of Illinois

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9 Claims. (Cl. 206—40.6)

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This invention relates to ticket holders and particularly to such holders adapted to support a plurality of different classes or kinds of tickets.

In the operation of buses, trains or the like on what are usually termed local runs, it is found that a large percentage of the passengers board the bus or train without a ticket so that it is necessary for the operator to collect the fare in each instance as a separate cash transaction. For accounting purposes it is customary to require the operator to issue a ticket or cash receipt to the passenger, and according to common practice the ticket or cash receipt is perforated or notched concurrently with an accounting stub so as to afford an indication of the amount of the transaction on both the stub and the ticket.

The manual operations involved in the preparation of such cash receipts or tickets are such as to require considerable time, and thus where a large number of passengers board a bus or train at a particular station, the loading operation is materially delayed as the receipts are prepared and handed one by one to the passengers boarding the train or bus, and to simplify the fare collecting and ticket or receipt issuing operations in such instances so as to thereby avoid loss of time in loading such busses or trains is the primary object of the present invention. More specifically, it is an object of the invention to enable tickets to be issued to the bus operator in blocks or groups of consecutively numbered tickets for each of the trips on the run to which the operator is assigned, and to enable such prepared blocks of tickets to be readily easily handled by the operator for tearing the tickets from the holder as such tickets are required as cash receipts to be given to the passengers boarding the vehicle. Further and related objects of the invention are to enable a large group of such blocks of tickets to be supported in an orderly and predetermined arrangement in a ticket holder so as to facilitate selection and tearing off of the individual tickets from the blocks; to enable the blocks of tickets in such a holder to be protected against inadvertent loss or tearing off of the ticket elements thereof; to enable such blocks of tickets to be mounted in such a holder in two protected groups which may be selectively uncovered for use of one group or the other in accordance with the direction the bus or vehicle is travelling on its run; to facilitate loading of the blocks of tickets into such a holder; and to afford convenient yet effective means for locking or securing such blocks of tickets in the holder.

Other and further objects of the present invention will be apparent from the following description and claims and are illustrated in the accompanying drawings which, by way of illustration show a preferred embodiment and the principle thereof and what I now consider to be

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the best mode in which I have contemplated applying that principle. Other embodiments of the invention embodying the same or equivalent principle may be used and structural changes may be made as desired by those skilled in the art without departing from the present invention and the purview of the appended claims.

In the drawings:

Fig. 1 is a perspective view of a ticket holder embodying the features of the invention;

Fig. 2 is an end view of the holder;

Fig. 3 is a plan view of one side of the holder with the adjacent cover removed so as to expose one row or group of tickets for use;

Fig. 4 is a sectional view taken along the line 4—4 of Fig. 3, and showing the holder with both covers removed;

Fig. 5 is a view of the rear edge of the fully loaded holder with one of the ticket retainers released; and

Figs. 6 and 7 are sectional views taken respectively along the lines 6—6 and 7—7 of Fig. 3.

For purposes of disclosure the invention is herein illustrated as embodied in a ticket holder 10 adapted to have blocks 12 of tickets 12T to be mounted and secured in position on the holder 10 in such a manner as to facilitate tearing of a ticket 12T from any selected block 12 when such a ticket is required as a cash receipt to be issued to a passenger. The ticket holder 10 is afforded by a base plate 14 of generally rectangular form, and the blocks 12 of tickets are secured in parallel relation so as to extend transversely across the flat faces of the base plate 14. In the preferred form of the invention one group of blocks 12 is arranged on one face of the plate 14, while another group of blocks 12 is arranged on the other face of the plate 14 so that one group may be utilized during travel of the vehicle in one direction on its run while the other group may be used on the other or return direction of travel. When the ticket holder 10 is being carried by the operator, or is not in use, the tickets mounted thereon may be protected by individually removable covers 16A and 16B that are disposed on opposite faces of the base plate 14 so as to cover and protect the respective groups of blocks 12 of tickets, and when the holder is in use, the operator may remove the cover of the group that is to be used while allowing the other cover to remain in place so as to protect such other group.

The blocks 12 of tickets are generally similar in form and size and each such block 12 comprises a relatively large number of elongated and generally rectangular tickets 12T stacked one upon the other and secured together as by means of a conventional staple 12S. Each ticket 12T preferably has a score line 12D formed transversely thereacross in spaced relation to the staple 12S, thereby to afford stub portions from which the tickets

12T may be torn as required. Between the staple 12S and the score line 12D, each block 12 has a mounting opening or perforation 12P formed therethrough midway between the side edges of the block, and this perforation 12P enables the blocks 12 to be readily easily mounted and held in place in the holder 10 as will hereinafter appear. The tickets 12T are of course printed as at 12X to indicate the stations between which such tickets are good, and in each block 12, the tickets are serially numbered as at 12N so that the number of tickets sold from each block may be readily determined.

The blocks 12 of tickets are mounted on the opposite faces of the plate 14 so as to extend transversely of the plate, and the stub ends of the blocks are all positioned adjacent to the rear edge 14R of the plate, or left hand edge as shown in Fig. 4, and means are afforded for removably holding the blocks 12 in this position. Thus the plate 14 has a plurality of mounting pins 20 extended therethrough adjacent to the edge 14R thereof, these pins being fixed as by a drive fit relationship and being spaced from each other along said edge in an amount substantially equal to the width of the individual ticket blocks 12 so that the several blocks 12 that are mounted side by side on the pins 20 are in fact in an edge to edge abutting relationship. Thus the blocks 12 are in effect held in a transverse relation on the plate 14.

Along the opposite ends of the plate 14 and on both faces thereof, the holder is provided with end rails 22 that extend from points closely adjacent the edge 14R to points about three-quarters of the way to the other or front edge 14F of the plate 14. The end rails 22 are of substantially the same height as the blocks 12 of tickets that are to be mounted in the holder, and these end rails 22 are held in place by pins 23 that are extended, as with a drive fit, through the adjacent end rails 22 and the intermediate end portions of the plate 14. The rails 22 at each end of the holder are preferably provided with a pair of bores 24 to receive mounting or supporting elements where it is desired to support the holder on a post or the like in the vehicle.

The end rails 22 serve, of course, when the covers 16A or 16B are removed, to protect the adjacent edges of the blocks 12 of tickets that are nearest such rails, and in addition these rails serve to afford holding and guiding means for the covers 16A and 16B and also serve as mounting means for the means that hold the blocks 12 of tickets in position on the pins 20. Thus, as will be evident in Figs. 3, 4 and 5, separate securing means are provided for holding the blocks 12 in position on opposite faces of the plate 14. Such securing means are identical in character, and each comprises an elongated angular member 30 having a back flange 31 and a top flange 32, the back flange being engaged with the adjacent end edges of the blocks 12 of tickets while the top flange 32 overlies the upper faces of the stub portions of such blocks and engages the ends of the pins 20 so as to hold the blocks 12 in position on such pins. The forward edge of the flange 32 is arranged so as to be disposed just rearwardly of the line of perforations 12P and thus the flange 32 affords a tearing edge for facilitating tearing of the individual tickets from the blocks. The retaining devices 30 are arranged to be removably held in the operative positions shown in Figs. 1 to 5 and 7, and in the present instance this is accomplished by pivoting each of the re-

taining or securing members 30 at one of its ends for movement away from the pins 20, and affording latching means at the other end for latching the member in its operative position. Thus at one of its ends the flange 32 is terminated at 32A at substantially the inner edge of the adjacent end rail 22, while the back flange 31 is extended at 31A to afford a pivot ear that is disposed opposite the rear end of such end rail 22, and the ear 31A has a pivot screw or stud 33 extended therethrough so that the member 30 may be pivoted in the general way indicated by the dotted line position of the member 30 in Fig. 5.

At its other end, each retaining member 30 has the back flange 31 and the adjacent portion of the top flange 32 cut away along the line 34, Figs. 3 and 5, so as to afford an extending latching tongue 35 that is narrower than the flange 32 and is spaced from the corner or angle of the member 30. The latching tongue 35 is bent downwardly so as to enter a latching slot 38 formed in the outer side edge of the adjacent end rail 22. As will be evident in Figs. 2 and 7, the slot 38 and the tongue 35 have interengaging elements that latch the member 30 against upward pivotal movement away from the pins 20, while the slot 38 is sufficiently deep to engage the side edges of the tongue 35 to hold the member 30 against displacement laterally with respect to the pins 20.

After the blocks 12 of tickets have been put in place on the pins 20 and have been locked in place by the retaining members 30, such blocks of tickets may be protected by putting the covers 16A and 16B into position. Thus each cover, as 16A has downwardly extended end flanges 39 adapted to fit between the end rails 22, and these end flanges have retaining flanges 40 extended in opposite outward directions therefrom so as to fit slidably into grooves 41 cut from the inner corners of the rails 22. The flanges 39 and 40 terminate somewhat rearwardly of the forward edges of the cover, as 16A, so that when the cover has been moved rearwardly to its operative position, the flanges 39 and 40 are fully concealed by the end rails 22. In such operative position however the top portions of the covers 16A and 16B extend beyond the ends of the tickets, as shown in Figs. 1 and 2, thereby to fully protect the tickets against inadvertent tearing or loss. The exposed corners of the various elements such as the plate 14 and the covers 16A and 16B are of course rounded so that the holder 10 may be easily and safely handled or carried in the pocket of the operator.

In the use of the holder of the present invention on buses it has been determined that the operator usually locates the holder on the flat dash board or shelf forwardly of the wheel, the holder having the proper group of tickets uncovered and faced upwardly and with the free ends of the tickets 12T extended toward the operator. Then as passengers board the bus and pay their fares, the operator tears off the required tickets 12T from the appropriate blocks 12. At the end of the run, the covers are changed so as to expose the other or return group of tickets, while protecting the group that is to be unused during the return trip. Thus at the end of the run, or at the end of the day, the number of tickets sold may be determined by means of the ticket numbers on the top tickets remaining in the respective blocks, and by comparison of these with the numbers of the top tickets that were on the respective blocks of tickets when the holder was

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issued to the operator, the number of tickets sold from each block may be readily ascertained.

From the foregoing description it will be evident that the present invention materially simplifies the collection of fares and the issuance of tickets or receipts on local bus runs and the like, and this accomplished in a simple and expeditious manner that enables the necessary accounting operations to be readily performed. The blocks of tickets may readily be mounted in position in the holder and are fully protected when the holder is not in use. The present ticket holder enables the operator to expose only that group of tickets that is to be used, while the other group may be fully housed and protected. The tickets are, of course, supported in a predetermined relation in the holder so that the operator may quickly tear off the proper ticket when required, and this results in economy of time in loading of the bus or the like.

Thus, while I have illustrated and described the preferred embodiment of my invention, it is to be understood that this is capable of variation and modification and I therefore do not wish to be limited to the precise details set forth, but desire to avail myself of such changes and alterations as fall within the purview of the following claims.

I claim:

1. In a ticket holder, a flat mounting plate, a series of projecting pins disposed in uniformly spaced relation on said plate along one edge thereof so that blocks of tickets each having a mounting bore therethrough may be disposed on said plate with said pins extending through the respective bores in such blocks of tickets, and releasable means operable to hold such blocks of tickets in place on said pins.

2. In a ticket holder, a flat mounting plate, a series of projecting pins disposed in uniformly spaced relation on said plate along one edge thereof so that blocks of tickets each having a mounting bore therethrough may be disposed on said plate with said pins extending through the respective bores in such blocks of tickets, and releasable means operable to hold such blocks of tickets in place on said pins and affording a rigid tearing edge to facilitate tearing of tickets from such blocks.

3. In a ticket holder, a mounting plate, a series of projecting pins disposed in uniformly spaced relation on said plate along one edge thereof so that blocks of tickets each having a mounting bore therethrough may be disposed on said plate with said pins extending through the respective bores in such blocks of tickets, releasable means for holding such blocks of tickets in place on said pins, and a removable cover for protecting the blocks of tickets thus mounted on said plate.

4. In a ticket holder, a mounting plate, upstanding end rails fixed on said plate at the ends thereof, a series of projecting pins disposed in uniformly spaced relation on said plate along one edge thereof so that blocks of tickets each having a mounting bore therethrough may be disposed on said plate with said pins extending through the respective bores in such blocks of tickets, and means mounted on one of said end rails and releasably connected to the other of said end rails for holding such blocks of tickets in place on said pins.

5. In a ticket holder, a mounting plate, end rails fixed along opposite ends of said plate, a

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series of projecting pins disposed in uniformly spaced relation on said plate along one edge thereof so that blocks of tickets each having said pins extending through the respective bores in such blocks of tickets, a retaining bar pivoted at one end to one of said end rails and having a releasable latch connection with the other of said end rails for holding such blocks of tickets in place on said pins, and a removable cover held in place by said end rails for protecting the blocks of tickets thus mounted on said plate.

6. In a ticket holder, a mounting plate, a series of pins disposed in uniformly spaced relation on said plate along one edge thereof and projecting from both of the opposite faces of the plate so that blocks of tickets each having a mounting bore therethrough may be disposed on opposite faces of said plate with said pins extending through the respective bores in such blocks of tickets, and releasable means for holding such blocks of tickets in place on said pins.

7. In a ticket holder, a mounting plate, a series of projecting pins disposed in uniformly spaced relation on said plate along one edge thereof and projecting from both of the opposite faces of the plate so that blocks of tickets each having a mounting bore therethrough may be disposed on opposite faces of said plate with said pins extending through the respective bores in such blocks of tickets, releasable means for holding such blocks of tickets in place on said pins, and a pair of individually removable covers for protecting the blocks of tickets thus mounted on the respective faces of said plate.

8. In a ticket holder, a mounting plate, end rails fixed on opposite faces of said plate at both ends thereof, a series of pins disposed in uniformly spaced relation on said plate along one edge thereof and projecting from both of the opposite faces of the plate so that blocks of tickets each having a mounting bore therethrough may be disposed on opposite faces of said plate with said pins extending through the respective bores in such blocks of tickets, and releasable means mounted on said rails for holding such blocks of tickets in place on said pins.

9. In a ticket holder, a mounting plate, end rails fixed on opposite faces of said plate at both ends thereof, a series of projecting pins disposed in uniformly spaced relation on said plate along one edge thereof and between said end rails and projecting from both of the opposite faces of the plate so that blocks of tickets each having a mounting bore therethrough may be disposed on opposite faces of said plate with said pins extending through the respective bores in such blocks of tickets, releasable means retaining bars associated with said rails for holding such blocks of tickets in place on said pins, and a pair of individually removable covers held in place by said rails for protecting the blocks of tickets thus mounted on the respective faces of said plate.

MANUEL J. MATEO, JR.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

70 Number	Name	Date
364,623	Beidler	June 7, 1887
1,368,999	Beaubien	Feb. 22, 1921
1,856,705	Heinemann	May 3, 1932