Feb. 12, 1929. 1,701,565

J. L. HAMMETT

TICKET CASE

Original Filed April 14, 1926

Fig. 1

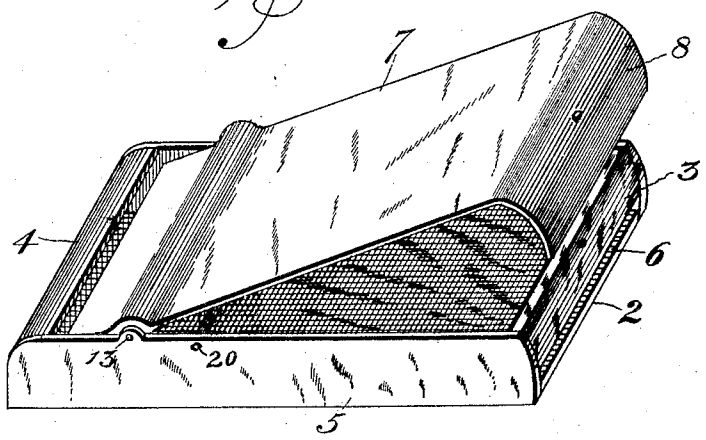


Fig. 2

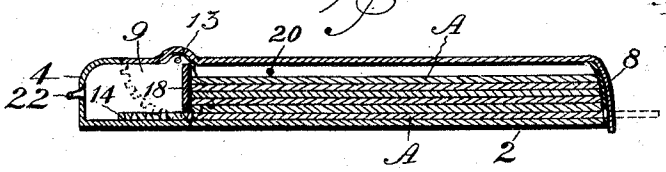


Fig 6

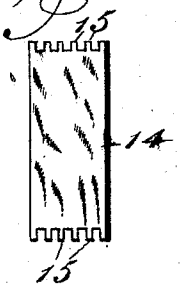


Fig. 3

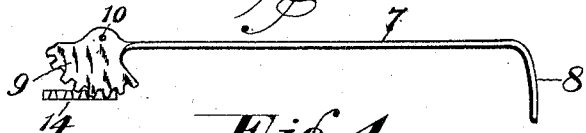


Fig. 4

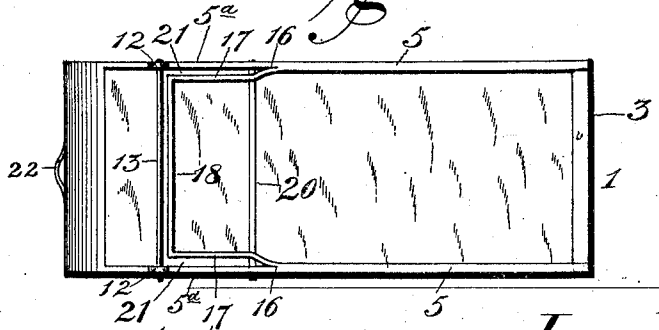
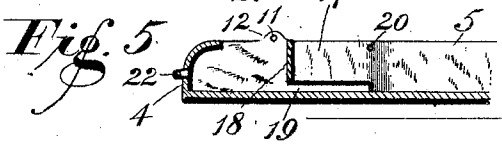


Fig. 5



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TICKET CASE.

Application filed April 14, 1926, Serial No. 102,025. Renewed July 7, 1928.

My invention relates to card or ticket cases designed to eject one ticket from the case at a time.

The object is to provide a device of this character for the use of parties who desire to carry a considerable number of cards or the like at one time, such, for instance, as visiting cards, business cards, street car tickets, etc., and at the same time to keep the cards or tickets clean and free from bruised or soiled corners.

Another object is to provide a device of this character so constructed that upon opening the lid of the box, a single card will be ejected from the box sufficiently to be easily grasped between the finger and thumb of the operator, and withdrawn from the box.

Minor objects will appear in the subjoined description.

A leading feature of the invention consists of a pivoted lid having segmental cog wheels arranged to cooperate with an ejector plate having cogs on its ends, in such a way that the plate is moved back and forth as the lid is opened and closed, the plate being of the thickness of one of the tickets and arranged at the rear edge of the tickets, so that every time it is thrust forward, a ticket is engaged and pushed forwardly through a slit in the forward end of the box, which slit is normally covered by the lid of the box when the box is closed.

The invention consists in certain novel features of construction and arrangement of parts, as will be hereinafter described and claimed, reference being had to the accompanying drawings in which:—

Fig. 1 is a perspective view of my device with the lid partly open. Fig. 2 is a longitudinal section showing the box as it would appear with a number of cards in it, the thickness of the cards being exaggerated for the sake of clearness. Fig. 3 is a view showing the lid in operative relation to the ejector plate with all the other parts removed. Fig. 4 is a top plan view of the box or case with the lid and cards removed. Fig. 5 is a broken section showing one end of the box as illustrated in Fig. 4; and, Fig. 6 is a top plan view of the ejector plate.

Referring further to the drawings, the numeral 1 indicates the case proper having the bottom section 2, the forward end section 3, the rear end section 4, and the side sections 5. The front-end section 3 is spaced from the bottom section 2 sufficiently to form the slot or opening 6 at the forward end of the box, which slot is of a width to permit the passage of one of the cards or tickets. The lid 7 of the box is provided at its forward end with the turned down section 8 which overlaps the slot 6 when the lid is closed, the sections 3 and 8 being arranged for frictional engagement with each other to prevent accidental opening of the box.

The lid at its rear end has turned down sections which are formed into segmental cog wheels 9. These segmental wheels have openings 10 at their centres, and the sides 5 of the box have bores 11 in the ears 12. Through these bores in the sides of the box and the lid is passed a small rod 13 which forms a hinged connection between the lid and the box. The segmental cog wheels are of a radius to extend approximately to the bottom 2 of the box. The thrust plate 14 lies in flat engagement with the bottom 2 of the box immediately under the segmental cog wheels 9, and is provided at its ends with cogs 15 which are adapted to mesh with the cogs of said segmental wheels.

Toward the rear end of the case, its sides 5 are divided or split as it were at the point 16 to form the two inner side sections 17 connected at their rear ends by the section 18. These sections 17 and the connecting section 18 are cut away on the under side to form the slot 19 between them and the bottom of the box, as clearly shown in Fig. 5 of the drawings. This slot 19 is of a width to snugly receive the thrust plate 14, which plate is of a length to be easily received between the reduced sides 5^a of the case, so that said reduced side sections 5^a form end guides for the thrust-plate, while the bottom edge of the connected sections 17 and 18 form a guide for the top side of the thrust plate. Just to the rear of the point 16 and close to the top of the case, the small rod 20 passes through the reduced side sections 5^a and the inner side sections 17, and is rigidly secured in said sides.

The spaces 21 between the reduced side sections 5^a and the respective sections 17 are of a width to snugly receive the segmental cog wheels 9, so that the sections 17 form shields to prevent these cog wheels from contacting with the cards or tickets in the case. The thrust plate 14 is of a thickness not greater than the thickness of the cards or tickets with which the box is designed to be used.

The front end wall 3 and the rear inner wall 18 are spaced apart a distance equal to

the length of the tickets, and the thrust-plate 14 is arranged for its forward edge to be substantially flush with the inner face of the wall 18 when the lid of the box is closed, as shown in Fig. 2 of the drawings. This brings the thrust-plate 14 into the same plane with the bottom card in the box; and immediately at the rear of said card.

From the foregoing, the operation of the device becomes apparent, and which is as follows:—The tickets A are placed in the case underneath the rod 20, as shown in Fig. 2. When the lid of the case is closed down the forward end 8 of the lid closes the slot 6 so that there is no chance for a ticket to ever slip out accidentally through this slot. When the lid of the box is opened, the slot 6 is opened and the segmental cog wheels 9 in mesh with the cogs 15 of the thrust plate 14 slide the plate forwardly against the edge of the bottom card sufficiently to eject the card out through the slot 6 a sufficient distance for it to be easily grasped between the thumb and finger to remove it from the case without disturbing the other cards in the case. When the lid is closed the thrust plate will be removed from beneath the rear end of the cards so that the end of another card will drop down onto the bottom of the box in front of the forward edge of the thrust plate ready for the above operation to be repeated.

The rear end section 4 of the box is provided with a slight struck-out section 22 to provide the box with means for engagement with a snap hook or the like, if it be desired to carry it suspended from a suitable support.

Having thus described my invention, what I claim as new and desire to protect by Letters Patent is:—

1. The combination with a ticket case having a lid hinged near the rear end of the case, of an ejector plate on the bottom of the case extending normally from beneath said hinge rearwardly with its side edges in engagement with the side walls of the casing, and provided in said edges with cogs; segmental cog wheels at the sides of the casing movable with the lid and concentric with its hinge and having their cogs in mesh with the cogs of the ejector plate; and a ticket compartment in front of said ejector plate, the front end of said case having a delivery slot in the same plane with the ejector plate.

2. A ticket case having front and rear compartments with a dividing partition between them; a lid hinged to the case adjacent the upper side of said partition; an ejector plate lying in flat engagement with the bottom of the case opposite said hinge and provided on its ends with cogs; a segmental cog wheel at each side of the lid movable with the lid and concentric with its hinge and meshing with the cogs of the ejector plate, whereby to adapt said plate to move back and forth when the lid is opened and closed, said partition being cut away on its under side to permit said plate to pass underneath the same, the front compartment of the case being of a length equal to the length of the tickets to be received into the case; and the front end wall of the case having a delivery slot in the same plane with the ejector plate.

3. A ticket case having a front and rear compartment, the front compartment being of a length to receive the tickets, and being provided at each end on its bottom with a slot of approximately the thickness of one of the tickets; a lid for the case having its forward end turned down to overlap the slot at the forward end of the case when the lid is closed, the lid being hinged to the case adjacent the wall between the two compartments; an ejector plate lying in the bottom of the box, and of a thickness to pass through the slot in said last named wall, and provided on its ends with cogs; a segmental cog wheel at each side of the lid and concentric with its hinge and meshing with the cogs of the ejector plate, whereby to adapt said plate to move back and forth when the lid is opened and closed, said ejector plate and segmental cog wheels being geared to bring the plate into the rear compartment of the case when the lid is closed down and to force it through the slot in the rear wall into the front compartment of the box when the lid is opened.

4. A ticket case having double walls at its rear end with the lower side of the inner wall cut away; an ejector plate lying on the bottom of the case within said cutaway portion and projecting beyond the inner wall at its ends and rear side, the projecting ends of said plate having cogs; a lid for the case hinged to its sides above the ejector plate and provided with segmental cog wheels movable with the lid and concentric with its hinge, and extending down between the double walls at each end of the segmental plate with the cogs of the wheel in mesh with the cogs of the plate; and the forward end of the case having a slot located in the same plane with the ejector plate, said plate and slot being of approximately the same thickness as the cards with which the case is to be used.

In testimony whereof I affix my signature.

JOSEPH L. HAMMETT.