J. P. McADAM.

CIGARETTE CASE.

APPLICATION FILED JUNE 4, 1913.

1,086,065. Patented Feb. 3, 1914.

Fig. 1.

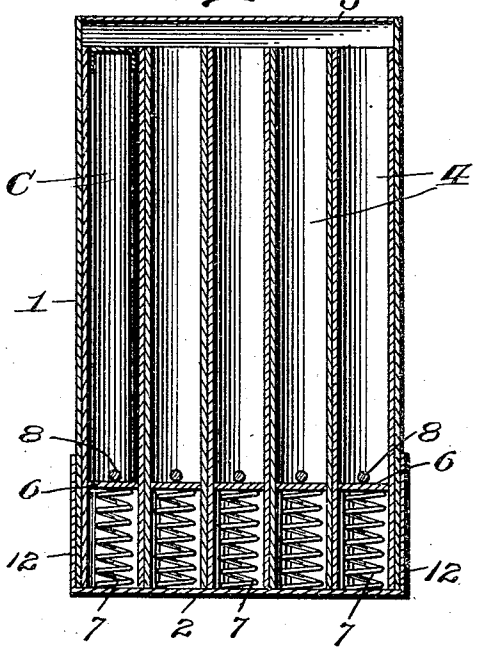


Fig. 2.

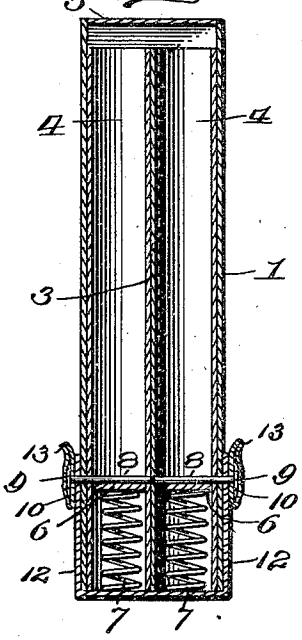


Fig. 3.

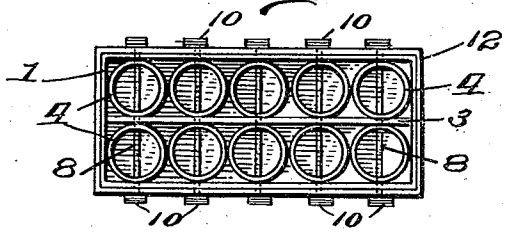


Fig. 4.

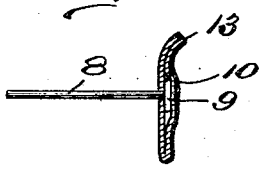


Fig. 5.

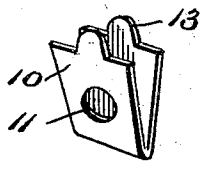
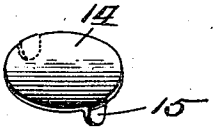


Fig. 6.



Witnesses

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UNITED STATES PATENT OFFICE.

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CIGARETTE-CASE.

1,086,065. Specification of Letters Patent. Patented Feb. 3, 1914.

Application filed June 4, 1913. Serial No. 771,696.

To all whom it may concern:

Be it known that I, JOSEPH PATRICK McADAM, a citizen of the United States, residing at Fort Myer, in the county of Alexandria and State of Virginia, have invented certain new and useful Improvements in Cigarette-Cases, of which the following is a specification.

This invention relates to cigarette cases. The object of the invention is to provide a neat and practical form of cigarette case in which means is provided to effect the partial projection of any one of the contained cigarettes without disturbing the others, thus to eliminate the danger of mashing or breaking the contents of the case which frequently occurs owing to faulty packing or of the cigarettes adhering to each other, and further providing an attractive and effective advertising medium for any particular brand of cigarettes that it is desired to place on the market.

A further object is to protect the exposed ends of the cigarettes when the cover of the case has been removed and discarded, such protecting means being adapted also to constitute an advertising medium.

With the above and other objects in view, as will appear as the nature of the invention is better understood, the same consists in the novel construction and arrangement of parts of a cigarette case, as will be hereinafter fully described and claimed.

In the accompanying drawing, forming a part of the specification, and in which like characters of reference indicate corresponding parts:—Figure 1 is a view in vertical longitudinal section through a cigarette case embodying the present improvements. Fig. 2 is a transverse sectional view thereof. Fig. 3 is a top plan view of the cigarette case, with the cover or closure removed. Fig. 4 is a detail view, partly in section, of a part of the device. Fig. 5 is a perspective detail view of a combined sticker and tab used in connection with the device. Fig. 6 is a detail view, in perspective, of a cigarette protector that may be employed in conjunction with the case.

Referring to the drawing, 1 designates the case or carton, which may be constructed of any suitable material, and with a bottom forming a part of the case, or with a supplemental bottom 2 in the form of a cap, the object of which is to reinforce the walls of the lower portion of the case for a purpose that will presently appear. The case may be made of any desired size, to hold a legalized number of cigarettes, such as ten or twenty, a case adapted for containing the former number of cigarettes being shown herein.

Arranged transversely and centrally of the case is a partition 3, which extends, preferably, from the bottom to a point near the upper end of the case, and serves to divide the latter into two separate chambers in each of which is arranged five cigarette holders 4, which are shown as cylindrical tubes, made of any suitable material, and preferably commensurate in length with the partition. The upper end of the case is normally sealed by a closure or cover 5, which is herein shown as inset, and is designed to be held in place by the ordinary revenue stamp, the design being that when the cover is removed it is to be discarded.

Arranged within the lower portion of each of the holders is a disk 6, of cardboard or any other suitable material, and which constitutes a projector, the under side of which is borne upon by one end of a coiled spring 7, the other end of which bears against the bottom 2. In order to retain the spring in compressed condition, a suitable locking mechanism is employed which, by coaction with the upper face of the projector, serves to retain the latter in place against the pressure of the spring until it is desired to release the projector for the purpose of obtaining one of the cigarettes from the case. This holding or locking means comprises a pin 8 having a flat head 9 which is secured between the two plies of a sticker 10, which is constructed from a piece of paper or the like, folded upon itself, and provided in one member with a hole 11 through which the shank of the pin 8 projects, the two plies being designed to be united by a suitable adhesive, and one of them to be secured to the exterior of the case, and preferably to the side wall 12 of the false bottom 2, each member of the sticker being provided with a tab 13, which will normally be deflected slightly away from the case, as shown in Fig. 2, in order to permit of the tabs being grasped to detach the sticker from the case, and thus re-

move the pin from its position to release the projector 6 and thus force a cigarette upward to a position that will permit it readily to be grasped by the user. The pin is of sufficient length to enter the partition 3, as clearly shown in Fig. 2, so as to enable the projector to resist the tension of the spring, and in order to render stable the connection between the pin and the case, the extra wall 12 of the false bottom is provided, so that the shank of the pin adjacent the head will project through three thicknesses of the material, while its inner end will project through one and a half, and this arrangement will be found thoroughly effective for the purpose designed.

As above stated, it is proposed, in using the case, to discard the top or cover 5, and in order to protect the exposed ends of the cigarettes from damage, a shield may be employed to be secured over the upper end of each of the cigarettes, and which consists of a circular body portion 14 provided with two oppositely disposed togues 15 that are designed to be folded down around the sides of the end portion of the cigarette C, as clearly shown in Fig. 1.

In preparing the case for use, the springs are first placed within the holders, and these springs are to be made of sufficient projecting force only to lift the cigarette a sufficient distance to permit of its being readily grasped and not to eject the cigarette from the case. The pins 8 are now positioned as shown in Fig. 2, and the stickers positioned in the manner described. The cigarettes are now placed within the holders, the cover placed in position, and the revenue stamp applied.

When the cigarettes are to be removed, the cover is detached, thereby canceling the revenue stamp, and thus preventing a reuse of the case. Any desired cigarette may be removed merely by grasping the tab 13 and in detaching the sticker from the case along with the pin to which it is secured, thus releasing the projector with which such pin coacted, and immediately the spring will exert its force and project the cigarette upward a predetermined distance, when it may readily be removed.

While the case and holders are herein described as being made of pasteboard or the like, so that usually they will be discarded when empty, it will be obvious that the structure as a whole may be made of metal, and thus be adapted for re-use an indefinite number of times, in which event the pressure of the springs against the projectors will be relied upon for retaining the locking pins in place.

Having thus described the invention, what I claim is:—

1. A cigarette case embodying a spring-pressed projector, and means directly engaging the projector and accessible from the exterior of the case to retain the projector retracted within the case and to effect its release when desired.

2. A cigarette case having a plurality of holders open at their upper ends, a spring-pressed projector in the lower portion of each holder, means to normally hold each projector retracted and means for selectively disengaging the holding means and thereby selectively releasing the projectors to project any cigarette through the upper open end of its holder.

3. A cigarette case embodying a plurality of separate holders, a spring-pressed projector in the bottom portion of each holder, and a combined locking and releasing member coacting directly with each projector.

4. A cigarette case embodying a plurality of separate holders, a spring-pressed projector in the bottom portion of each holder, a combined locking and releasing member coacting directly with each projector, and means for preventing the accidental release of the members.

5. A cigarette case embodying a plurality of separate holders, a spring-pressed projector in each holder, a locking member coacting directly with each projector, and means arranged exteriorly of the case and secured thereto and to each of the locking members normally to retain the latter in place and to permit of their detachment from the case.

6. A cigarette case having a central partition, holders arranged on each side of the partition, a spring-pressed projector disposed in the bottom portion of each holder, and a pin extending through the wall of the case and into the partition above each projector and serving to hold the latter in retracted position.

7. A cigarette case having a central partition, holders arranged on each side of the partition, a spring-pressed projector disposed in the bottom portion of each holder. a headed pin extending through the wall of the case and into the partition above each projector and serving to hold the latter in retracted position, and a sticker secured to the head of each pin and to the case.

In testimony whereof I affix my signature in presence of two witnesses.

JOSEPH PATRICK McADAM.

Witnesses:

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R. M. ELLIOTT.