Sept. 1, 1931. G. A. GEIB 1,821,795

ATTACHMENT FOR CIGARETTE PACKAGES

Filed Nov. 18, 1929

Fig. 1

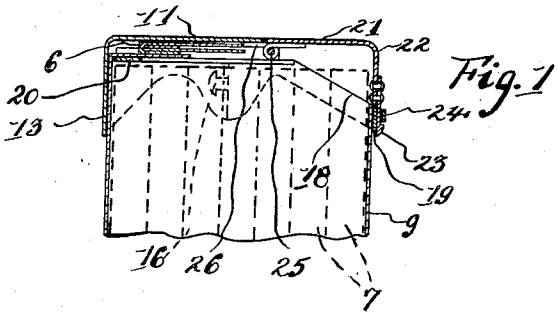


Fig. 4

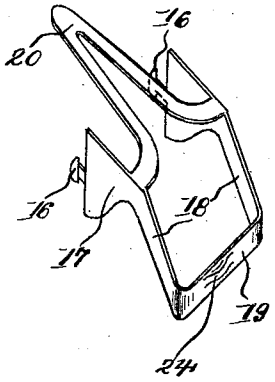


Fig. 2

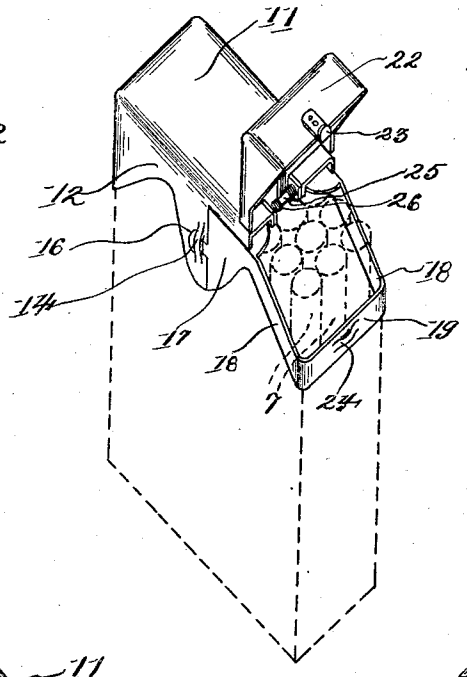


Fig. 3

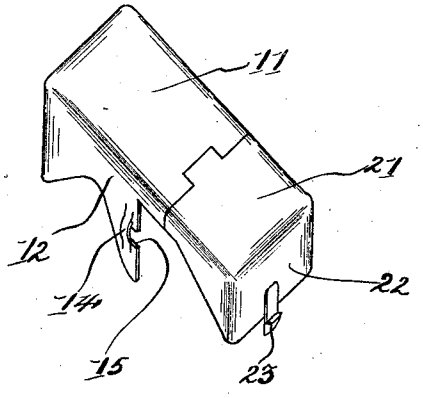
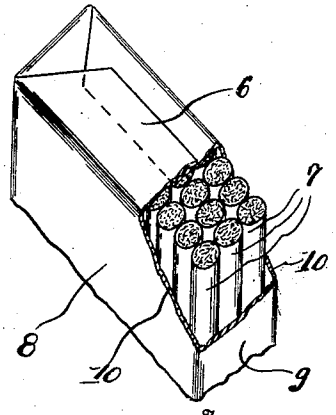


Fig. 5



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UNITED STATES PATENT OFFICE

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ATTACHMENT FOR CIGARETTE PACKAGES

Application filed November 18, 1929. Serial No. 407,806.

It is my object to provide an improved cigarette case adapted to protect the cigarettes and facilitate their removal from the original packages. A further object is to provide a device of this kind adapted to be quickly and easily attached to any of a number of standard cigarette packages.

The invention also includes certain other novel features of construction which will be more fully pointed out in the following specification and claims.

In the accompanying drawings which illustrate the best form of my device at present known to me, Figure 1 is a vertical section through the upper part of a cigarette package with my device attached thereto; Fig. 2 is a perspective view of the device with the closure in open position; Fig. 3 is a perspective view of the cap member with the closure in closed position; Fig. 4 is a perspective view of a separable part of the device and Fig. 5 illustrates, somewhat diagrammatically, a standard cigarette package prepared to receive the attachment.

I have used the numeral 6 to indicate one end of a standard cigarette package containing the cigarettes 7 and of the rectangular type having a pair of wide, longitudinal sides 8 and relatively narrow sides 9 contiguous to the end 6. In preparing the package to receive my device, a corner is torn away, as indicated in Fig. 5, including the adjacent parts of the end 6 and side 9 and extending obliquely across the adjacent corners of the sides 8, as indicated by the numeral 10.

An end cap 11, preferably constructed from suitable thin metal, is formed at opposite sides with pendant flanges 12 connected by a flange 13. The flanges 12 and 13 are adapted to extend respectively upon the exterior of the sides 8 and one of the sides 9 of the cigarette package. Offset from the plane of each of the flanges 12 is a detent band 14 extending transversely to a slot 15 in said flange. The detent bands 14 are arranged to receive spring-pressed lugs 16 projecting from retaining members 17 adapted to embrace opposite sides of the cigarette package. The members 17 are formed from suitable thin metal and have rigid arms 18 extending obliquely downward and connected by a cross member 19. A tongue 20 projects from the members 17 in a plane perpendicular to the members 19 and 17, said tongue being rigidly secured to the members 17 to connect them in spaced, parallel relation.

A closure 21 is hingedly connected to the cap 11 and has a skirt or marginal flange portion 22 extending downward to rest upon the arms 18 and member 19 when in closed position. A spring-pressed lug 23 projects from the normally lower edge of the closure 21 to engage in a detent 24 which is offset outward from the member 19 to receive said detent. I prefer to connect the closure 21 with the cap 11 by a hinge pin 25 which passes through suitable downwardly pressed ears formed on the cap 11 and closure 21. A small, coiled spring 26 is wound on the pin 25 and arranged to normally swing the closure 21 to open position, in well known manner, when the lug 23 is released from the detent 24.

When the device is to be used the original package of cigarettes is prepared as described above and illustrated in Fig. 5, and the cap 11 is separated from the members 17 as shown in Figs. 3 and 4. The tongue 20 is now inserted between the upper ends of the cigarettes 7 and end 6 of the package and the cap 11 is placed upon the exterior of the end 6 with the member 19 and flange 13 extending upon opposite sides 9 of the package. Fastening of the device to the package is completed by merely springing the lugs 16 inward while passing them between the detents 14 and then releasing the lugs so that they spring outward and positively connect the flanges 12 with the members 17. The closure

21 may be closed and retained in closed position by springing the lug 23 into engagement with the detent 24. When it is desired to remove the cigarettes, the lug 24 is merely pressed inward out of engagement with the detent 24 so that the spring 26 snaps the closure to open position shown in Fig. 2. Now the cigarettes 7 may be readily grasped and removed.

Ready removal of the cigarettes is greatly facilitated by my arrangement of the opening which extends downward a substantial distance from the end of the package so that the cigarettes normally project from the opening when the closure is open. Accidental tearing of the package is guarded against by my arangement of the arms 18 and member 19 which confine and protect the torn edges of the package. When in use, the tongue 20 extending beneath the end 6 of the package prevents longitudinal withdrawal of the device from the package and the flanges 12 and 13 and members 17, 18 and 19 completely embrace the sides so that accidental, lateral removal is prevented. All unnecessary handling of the cigarettes is obviated by retaining them in the original package and it will be evident that this package is protected and rendered more durable by partially encasing it in the metal cap and closure with side flanges extending entirely around the torn end of the package.

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

1. An attachment for a cigarette package comprising, a cap member having an end panel and flanges extending on the exterior of sides of said package, a movable closure connected to said cap member and having a pendant portion extending downward upon the exterior of the package, a protective member embracing the package at its junction with said closure and means for detachably connecting said protective member and cap to retain the package in engagement with said flanges.

2. An attachment for a cigarette package comprising, a cap member having an end panel and flanges extending on the exterior of three sides of said package, a hinged closure connected to said cap member and having a pendant portion extending downward upon the exterior of three sides of the package and means for securing said cap to the package comprising a member offset downward from the end of the package to detachably engage it, oblique arms detachably connecting said last mentioned member to said flanges and a tongue projecting from said arms to confine the end of the package between said end panel and tongue.

3. An attachment for a cigarette package comprising, a cap member having an end panel extending on an end of the package and flanges extending on the exterior of a plurality of sides of said package, a movable closure connected to said cap member and means for securing said cap member upon the package comprising, a separable member embracing a side of the package contiguous to said end and having a tongue insertible in parallel relation to said cap member betwen said end of the package and contents.

In testimony whereof, I have hereunto signed my name to this specification.

GEORGE A. GEIB.