Feb. 25, 1941. J. E. PALMER 2,233,324

CIGARETTE CASE AND EXTINGUISHER

Filed Dec. 26, 1939

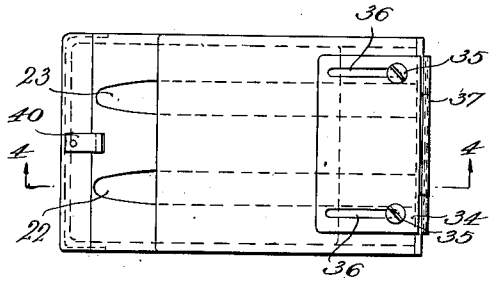


Fig. 1.

Fig. 2.

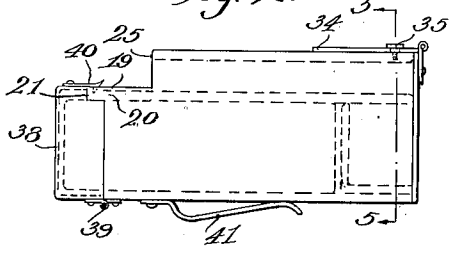


Fig. 3.

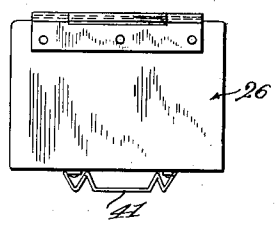
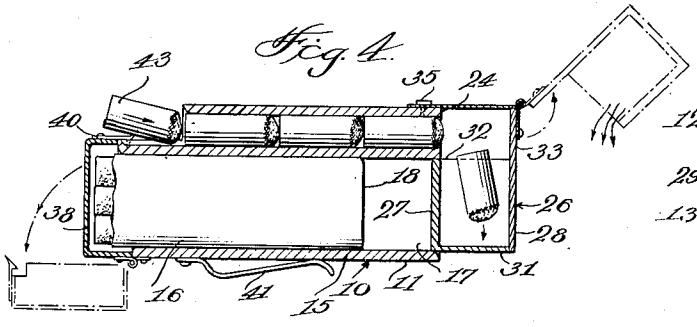


Fig. 4.



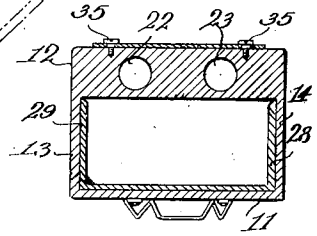


Fig. 5.

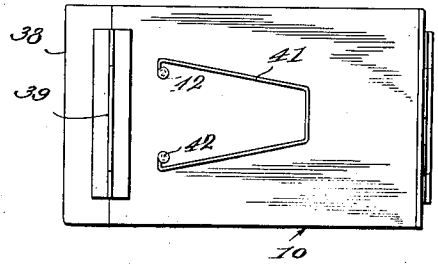


Fig. 6

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CIGARETTE CASE AND EXTINGUISHER

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Application December 26, 1939, Serial No. 311,033

4 Claims. (Cl. 131—235)

My invention relates to new and useful improvements in cigarette cases and extinguishers.

An important object of my invention is to provide a cigarette case that is unique in its construction to provide a means for extinguishing lighted cigarettes, said means comprising an integral and constituent part thereof.

Another object of my invention is to provide a cigarette case of the above-mentioned character wherein a multiplicity of the extinguished cigarettes may be collected in a suitable receptacle within the case, which receptacle may be easily removed and cleaned when desired.

Still another object of my invention is the provision of a cigarette case of the above-mentioned character that is particularly adapted to be used on hunting trips or similar occasions where danger of fire frequently attends the careless disposal of lighted cigarettes, the present invention providing means whereby the said cigarettes may be first extinguished and the butts thereafter deposited in the receptacle where they remain until their removal may be conveniently effected.

Other objects and advantages of my invention, will be apparent during the course of the following description.

In the drawing, forming a part of this specification, and wherein like numerals are employed to designate like parts throughout the same—

Figure 1 is a top plan view of a device embodying my invention,

Figure 2 is a side elevation of the same,

Figure 3 is an end elevation thereof,

Figure 4 is a longitudinal sectional view, taken on the line 4—4 of Figure 1,

Figure 5 is a transverse sectional view, taken on the line 5—5 of Figure 2, and

Figure 6 is a bottom plan view of the device.

In the accompanying drawing, wherein for the purpose of illustration is shown a preferred embodiment of my invention, the numeral 10 designates a casing open at its ends and including substantially rectangular side walls 11 and 12 maintained in fixed parallel relation by the integral side walls 13 and 14. The side and end walls define an inclosure 15 which extends longitudinally through the casing, the cross-sectional area of which inclosure is preferably slightly larger than a conventional package of cigarettes 16. The package of cigarettes is adapted to be inserted within the inclosure which is of substantially greater length than the package to provide a chamber 17 below the bottom 18 of the package.

The wall 12 of the casing is of substantially greater thickness than the wall 11, as clearly illustrated in Figure 5, and the end 19 thereof is transversely rabbeted to define a relatively thin upper wall portion 20, the edge 21 of which extends above the side wall 11 and end walls 13 and 14. The spaced parallel passages 22 and 23 extend longitudinally through the wall 12 and the opposite ends thereof open through the bottom end 24 and the transverse face 25 of the rabbet.

A receptacle 26 is formed with substantially rectangular side walls 27 and 28 connected by and held in substantially spaced parallel relation by the integral end walls 29 and 30 and bottom wall 31. The receptacle thus formed is adapted to be slidably received within the chamber 17 of the inclosure 15 of the casing and with the wall 27 comprises a bottom wall for the inclosure. The side 32 of the receptacle facing in the direction of the passages 22 and 23 is open and the wall 28 is extended as at 33 to abuttingly engage the end 24 of the wall 12 and to close the passages when the receptacle is entirely received within the chamber 17 below the package of cigarettes 16.

A plate 34 is slidably mounted on the wall 24 by the screws 35 which extend through the spaced elongated slots 36. The plate is permitted a limited sliding movement relative to the casing and the edge 37 thereof is hingedly connected to the extension 33 of the receptacle.

A cap 38 is hingedly connected to the wall 11 of the casing, as at 39, and a suitable catch 40 is carried thereby in a manner to engage the extending edge 21 of the wall portion 20 to hold the cap in closing relation to the upper end of the casing.

The spring clip 41 is secured to the wall of the case by means of the screws 42 and is adapted to suspend the casing from the belt of the wearer, or other suitable support.

In practice, the lighted cigarettes designated by the numeral 43 are inserted into either of the passages 22 or 23 which are preferably only slightly larger than the cigarette so that the lighted cigarette will be extinguished by reason of a lack of oxygen within the passage. The extinguished butt will remain in the upper end of the passage until pushed further along by a subsequently inserted cigarette, and when the passage is full, as illustrated in Figure 4, the receptacle 26 may be withdrawn from the chamber 17 a distance determined by the length of the slots 36 in the sliding plate 34 whereby the lower ends of the passages will be uncovered and

a subsequently inserted cigarette will push the foremost butt through the opened end of the passage. The ejected butt will then fall through the open side **32** and into the receptacle. If the receptacle is then pushed into the chamber **17** the butts will be retained therein until such time as it is convenient to remove them.

When in the closed position the receptacle presents a neat and attractive appearance, and when desired, the device may be used to extinguish the lighted cigarettes in the manner described.

It is to be understood that the form of my invention, herewith shown and described, is to be taken as a preferred example of the same, and that various changes in the size, shape and arrangement of parts may be resorted to without departing from the spirit of my invention, or scope of the appended claims.

Having thus described my invention, I claim:

1. In a cigarette case, a casing defining an inclosure open at its ends, said casing having passages extending longitudinally thereof laterally of the inclosure, and a receptacle received within the inclosure and closing one end thereof, the side of the receptacle adjacent the passages being open and the outer side thereof being extended to normally close one end of the passages.

2. In a cigarette case, a casing defining an inclosure open at its ends, and passages extending longitudinally thereof laterally of the inclosure, a receptacle slidable within the inclosure and closing one end thereof, the side of the receptacle facing the passages being open and the bottom side thereof being extended to close one end of the passages, and a supporting member mounted for a limited sliding movement on the casing and hingedly connected to the extended side of the receptacle.

3. In a cigarette case, a casing defining an inclosure open at its ends, said casing having passages extending longitudinally thereof laterally of the inclosure, said passages being adapted to receive and extinguish lighted cigarettes, a receptacle received within the inclosure and closing one end thereof, the side of the receptacle adjacent the passages being open and the outer side thereof being extended to normally cover one end of the passages, and a plate mounted for a limited sliding movement on the casing and hingedly connected to the extended side of the receptacle, whereby the receptacle may be withdrawn from the inclosure a distance limited by the said plate to expose the open side thereof to the passages and to permit cigarettes expelled therefrom by subsequently inserting cigarettes to be received within the receptacle.

4. In a cigarette case, a casing defining an inclosure open at its ends, said casing having passages extending longitudinally thereof laterally of the inclosure, said passages being adapted to receive and extinguish lighted cigarettes, a receptacle received within the inclosure and closing one end thereof, the side of the receptacle adjacent the passages being open and the outer side thereof being extended to normally cover the corresponding end of the passages, a cap fitted to the casing to close the opposite end of the inclosure, and a plate mounted for a limited sliding movement on the casing and hingedly connected to the extended side of the receptacle whereby the receptacle may be withdrawn from the inclosure a distance limited by the said plate to expose the open side thereof to the passages and to permit cigarettes expelled therefrom by subsequently inserting cigarettes to be received within the receptacle.

JAMES E. PALMER.