Nov. 24, 1925. 1,562,497

W. R. DERRY

COMBINED CIGARETTE CONTAINER AND ASH TRAY

Filed Oct. 1, 1924 2 Sheets-Sheet 1

Fig. 1.

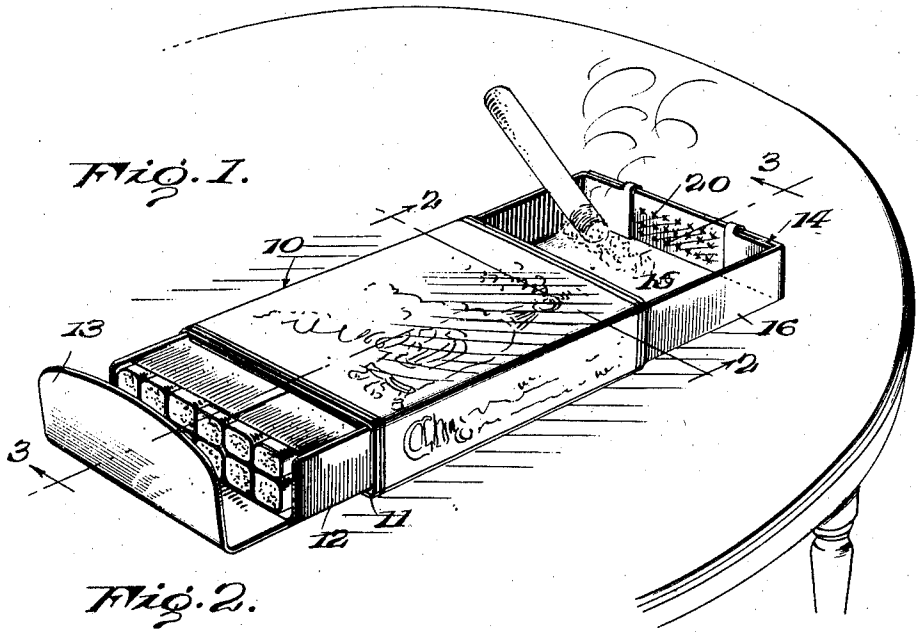


Fig. 2.

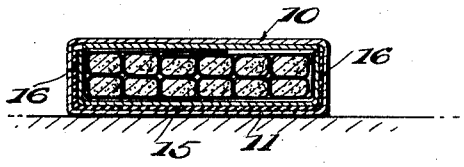


Fig. 3.

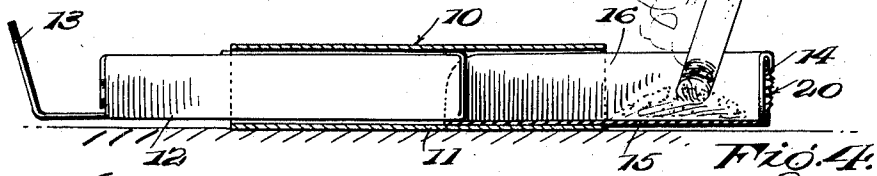


Fig. 4.

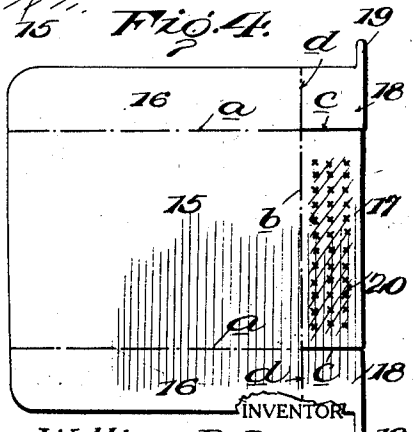
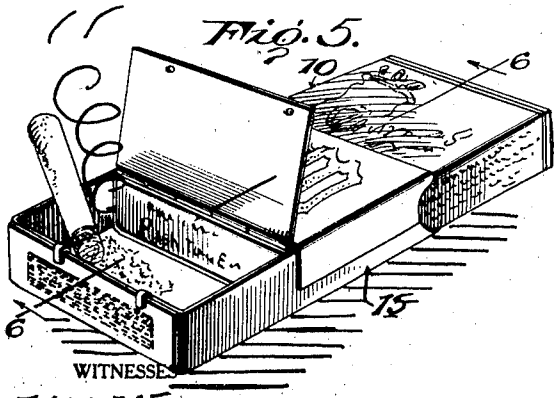


Fig. 5.



WITNESSES

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Fig. 6.

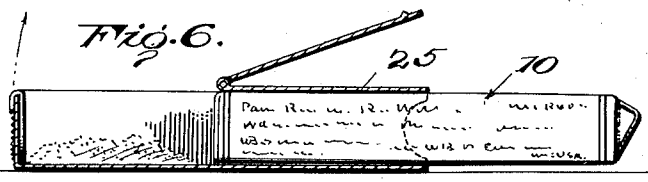


Fig. 7.

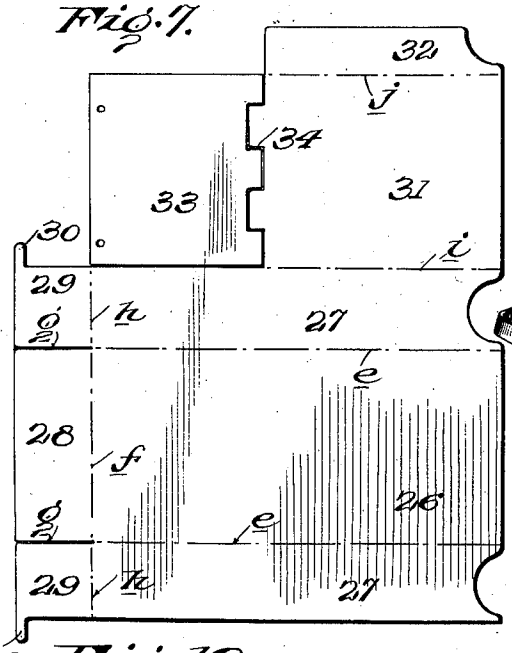


Fig. 8.

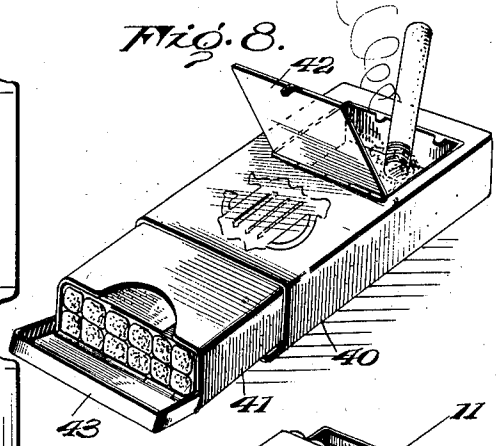


Fig. 9.

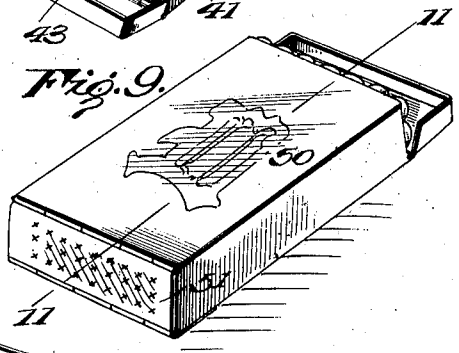


Fig. 10.

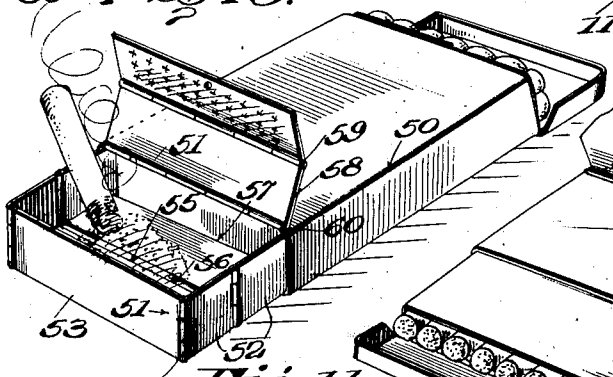


Fig. 12.

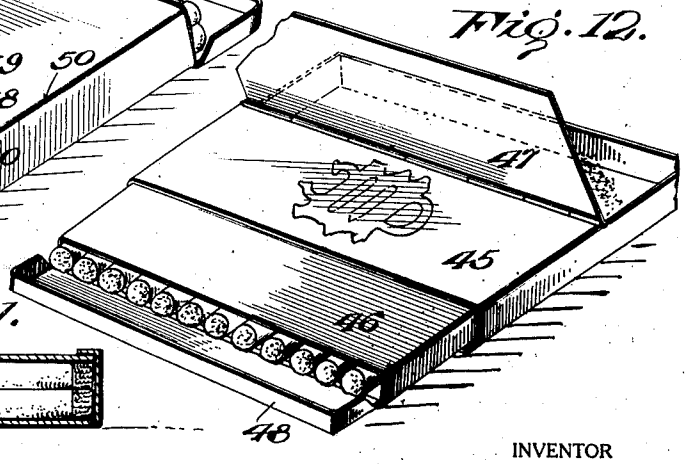
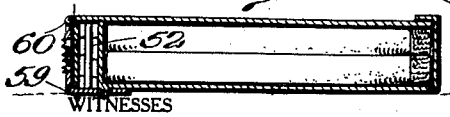


Fig. 11.



WITNESSES

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UNITED STATES PATENT OFFICE.

WILLIAM ROBERTS DERRY, OF AUGUSTA, GEORGIA.

COMBINED CIGARETTE CONTAINER AND ASH TRAY.

Application filed October 1, 1924. Serial No. 741,010.

To all whom it may concern:

Be it known that I, WILLIAM ROBERTS DERRY, a citizen of the United States, and a resident of Augusta, in the county of Richmond and State of Georgia, have invented certain new and useful Improvements in Combined Cigarette Containers and Ash Trays, of which the following is a specification.

This invention relates to a combined cigarette container and ash tray, and aims to provide an organization wherein an ash tray is associated with a package of cigarettes of the ordinary type in such a novel and ingeneous manner that when not in use, the combined cigarette package and ash tray have all of the compact features of the ordinary cigarette package, although the strength and rigidity of the structure is enhanced.

A further object of the invention is the provision of a device of this character wherein the ash tray may be readily and easily positioned for use without interfering with the accessibility of the cigarettes of the package.

A further object is the provision of a combination ash tray and cigarette package which enhances the appearance of the package, and which contains and preserves the form and quality of the cigarettes in a manner far better than the ordinary cigarette package.

Other objects and advantages reside in certain novel features of the construction, arrangement and combination of parts which will hereinafter be more fully described and particularly pointed out in the appended claims, reference being had to the accompanying drawings forming a part of this specification, and in which:

Figure 1 is a perspective view showing one form of the invention,

Figure 2 is a view in cross section on the line 2—2 of Figure 1,

Figure 3 is a view in longitudinal section on the line 3—3 of Figure 1,

Figure 4 is a plan view of a blank from which the ash tray of Figures 1, 2 and 3 is constructed,

Figure 5 is a perspective view showing another modification of the invention,

Figure 6 is a view in longitudinal section on the line 6—6 of Figure 5,

Figure 7 is a plan view of the blank from which the cigarette case and the ash tray of Figures 5 and 6 is constructed,

Figure 8 is a perspective view of another embodiment of the invention,

Figure 9 is a perspective view of still another form of the invention showing the ash tray folded up as when not in use,

Figure 10 is a perspective view showing the ash tray of Figure 9 extended for use,

Figure 11 is a view in longitudinal section taken on the line 11—11 of Figure 9, and

Figure 12 is an embodiment of Figures 5, 6 and 7, adapted to a slightly different form of cigarette package.

Referring to the drawings, and for the sake of illustration, is shown the preferred embodiment of the invention, and more particularly to Figures 1 to 4 inclusive, the numeral 10 designates generally an ordinary cigarette package which as usual includes a tubular outer casing 11 and a sliding cigarette tray 12, the upper end of which is provided with a movable tab 13 to permit of access to and removal of the cigarettes. The present invention in the embodiment shown in Figures 1 and 4 proposes the provision of an ash tray designated generally at 14. The ash tray 14 is of rectangular form and may be advantageously constructed from a single blank of metal. As shown in Figure 4, the blank of metal is folded on lines *a* and on line *b* to provide a flat bottom 15, vertical side walls 16, and one vertical end wall 17. The blank is cut along the line *c* to permit of the formation of the side and end walls. The side walls 16 are also folded along the lines *d* to provide an extension 18 at one end of each side wall 16. The extensions 18 lie flush up against the end wall 17 and have integrally formed therewith lugs 19 which are bent over the end wall 17 to hold the same in place. The end wall 17 is formed with a plurality of small projections 20 formed by upsetting or punching out the metal of the end wall and in this way a match striker is provided on the exposed face of the end wall.

The ash tray thus constituted is slipped into the lower end of the cigarette package,

the bottom wall 15 fitting in between the sliding tray 12 and the rear side wall of the outer tubular container and the side walls 16 of the ash tray fitting in between the sides of the cigarette tray 12 and the sides of the outer tubular container 11. Since the cigarette tray 12 is received in the ash tray 14 through the open end thereof, this cigarette tray 12 may be moved as desired, and its movement is not interfered with or obstructed by the ash tray, even when the ash tray has been pushed into the container 11 of the cigarette package to such an extent that the end wall 17 of the ash tray is disposed to engage the lower end of the cigarette tray 12 when the cigarette tray is in closed position. However, the ash tray may be readily withdrawn as shown in Figures 1 and 3 when it is desired to use the same. When the ash tray is not in use, it strengthens and enhances the rigidity of the cigarette package and thereby protects the structure and quality of the cigarettes.

In the form of the invention shown in Figures 5, 6 and 7, the cigarette package is also designated at 10 and is identical with that illustrated in Figures 1 and 3 as hereinabove described. A combined cigarette case and ash tray 25 is provided in the form of the invention shown in Figures 5, 6 and 7. The cigarette case and ash tray 25 may be constructed of a single blank of metal which is folded on lines *e* to provide a bottom wall 26 and side walls 27. The blank is also folded on line *f*, and is cut along the lines *g* to provide an end wall 28. The cuts *g* provide extensions 29 on the side walls 27 and these extensions are bent along lines *h* so as to engage the inner face of the end wall 28. Lugs 30 formed on the extensions 29 are bent around the end wall 28 to hold the same in position. A top wall 31 is also formed from the blank by bending the metal of the same along the line *i*. An attaching plate 32 is integrally formed with the top plate 31 and is formed by folding the blank along the line *j*. The attaching plate 32 overlaps one of the side plates 27 and is secured thereto. The top wall 31 is provided with a hinged section or lid 33 which is united to the major portion of the top by means of a hinge 34. With this arrangement the cigarette case of rectangular tubular form is provided, and is open at one end to receive a package of cigarettes. When the package of cigarettes is partially withdrawn from the case and when a lid formed in a wall of the case is thrown open, an ash tray is provided. At all times the cigarettes are accessible, and this irrespective of whether or not the ash tray is in use.

In the form of the invention shown in Figure 8 telescoping metal casings 40 and 41 are provided, the casing 40 being the outer casing and constituting the ash tray, this casing 40 having a hinged lid 42 which when thrown back gives access to the compartment which provides the ash tray. As shown in the drawings, the outer casing 40 is of rectangular and tubular form and one end of this casing is open to receive the inner casing 41. The inner casing 41 is provided with a hinged cover 43 at its upper and outer end to enable access to be had to the cigarettes.

In the form of the invention shown in Figure 12, telescoping metal casings 45 and 46 are provided. The casing 45 is provided with a hinged lid 47 and the casing 46 is provided with a hinged cover 48. As shown in the drawings, the form illustrated in Figure 12 is identical with the form illustrated in Figure 8 except that a slightly different type of cigarette package is provided.

In the form of the invention shown in Figures 9, 10 and 11, the cigarette case or package 50 is provided with and carries at its lower end a foldable ash tray structure 51. The foldable ash tray structure 51 includes foldable side walls made up of hinged section 52, an end wall 53 hingedly connected as at 54 to the foldable side walls, a bottom wall made up of sections 55 hinged to each other as at 56, and to the cigarette case as at 57 and a lid made up of sections 58 hinged to each other as at 59 and to the cigarette case as at 60. With this arrangement the bottom wall of the ash tray may be folded up so that its sections 55 lie flush up against and in parallel relation to the bottom or lower end of the cigarette case. The sections 52 of the side walls may be folded inwardly so as to bring the end wall 53 close up against and in parallel relation to the bottom wall of the cigarette case, and the lid 58 may be brought over against the end wall 53 and one of its sections fastened to the rear wall of the cigarette case. If it is desired to use the ash tray the sections 58 of the lid are swung away from the lower end of the cigarette case and around over the front wall thereof, the end wall 53 of the ash tray is pulled outwardly to bring the sections 52 of the side walls into alinement, and the sections 55 of the bottoms are also extended to complete the ash tray structure.

I claim:—

1. A cigarette package having an outer container and a sliding cigarette tray, and an ash tray fitted in between the container and the cigarette case when not in use and designed to be pulled partly out of the container when in use.

2. A cigarette package having an outer container and a sliding cigarette tray, and an ash tray fitted in between the container and the cigarette case when not in use and designed to be pulled partly out of the container when in use, said ash tray including a

rectangular structure having a bottom wall, side walls, and one end wall, the other end of the tray being open to permit of its insertion into the container of the cigarette package and between the container and the sliding cigarette tray.

3. A cigarette package having an outer container and a sliding cigarette tray and an ash tray having portions slidably interfitted in between the tray of the cigarette case and the outer container thereof, the ash tray being adapted to be inserted almost entirely within the cigarette package when not in use and being adapted to be withdrawn partially from the cigarette package to provide a tray for the reception of ashes while the parts are interconnected.

WILLIAM ROBERTS DERRY.