March 21, 1933. R. F. HEYWOOD 1,902,028

COMBINATION CIGARETTE HOLDER AND ASH TRAY

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Fig. 1.

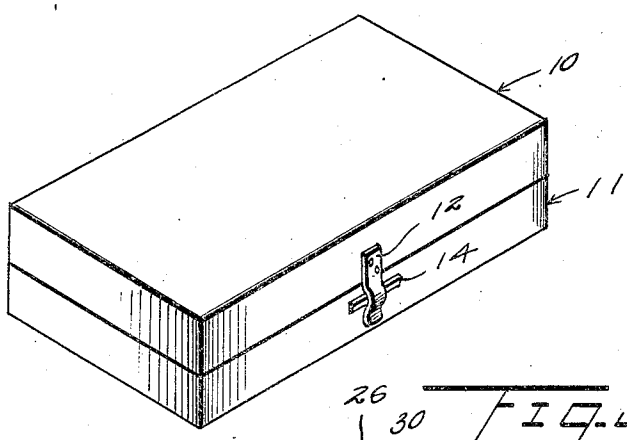


Fig. 5.

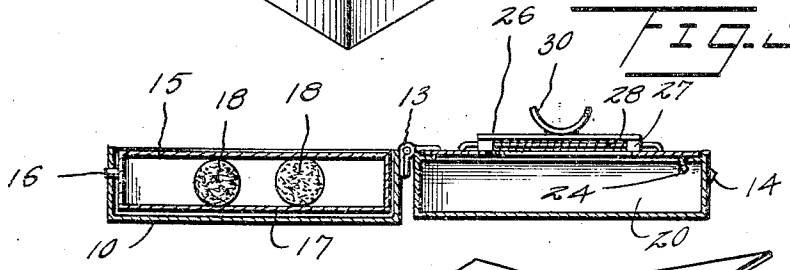


Fig. 6.

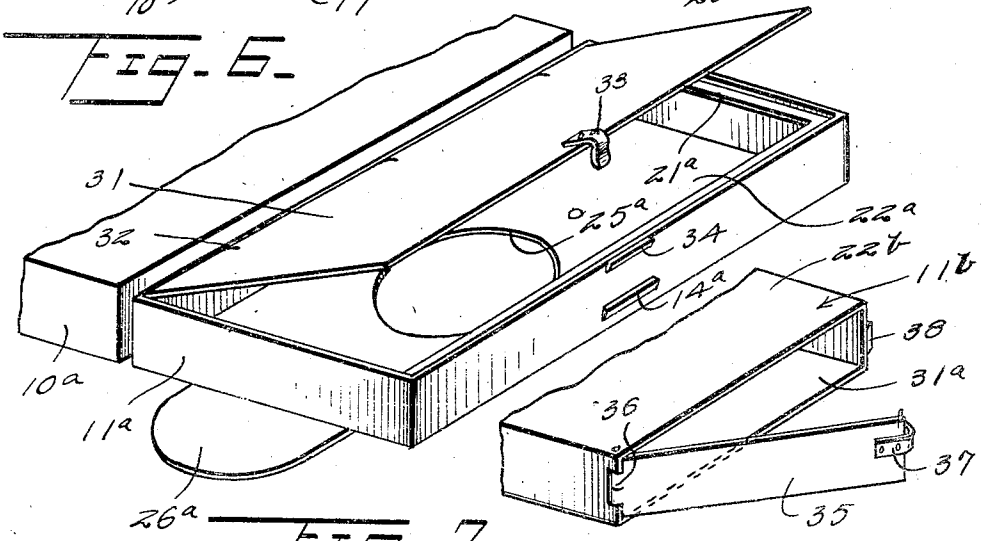


Fig. 7.

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COMBINATION CIGARETTE HOLDER AND ASH TRAY

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Fig. 2.

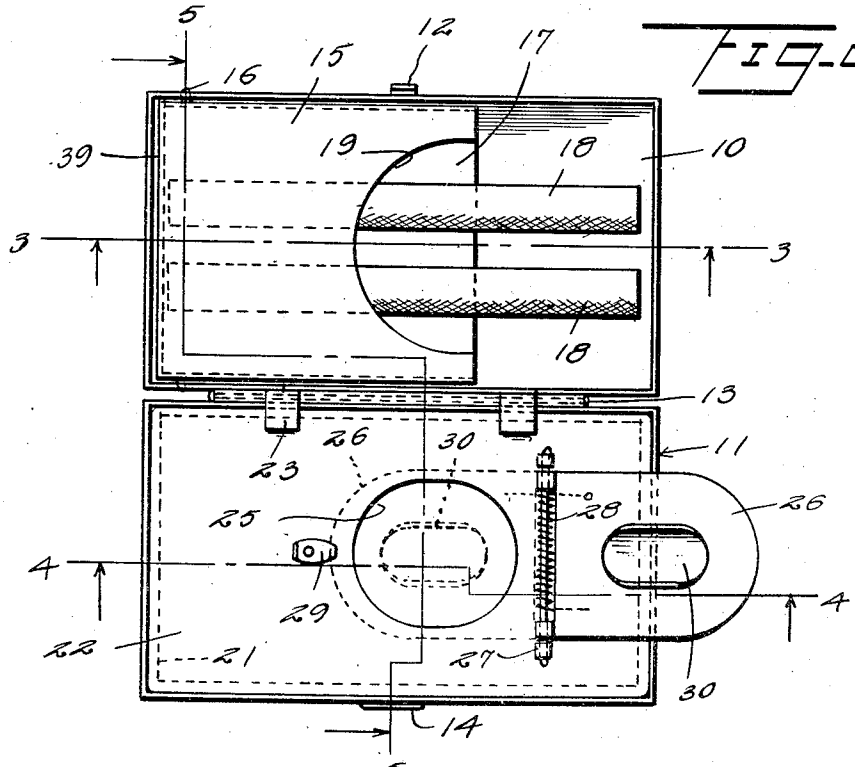


Fig. 3.

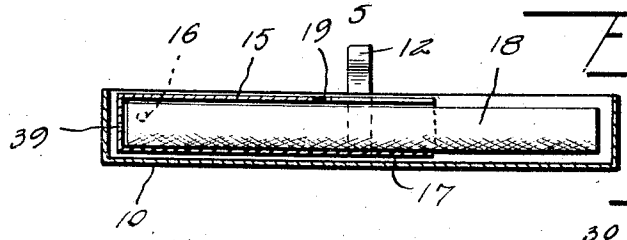
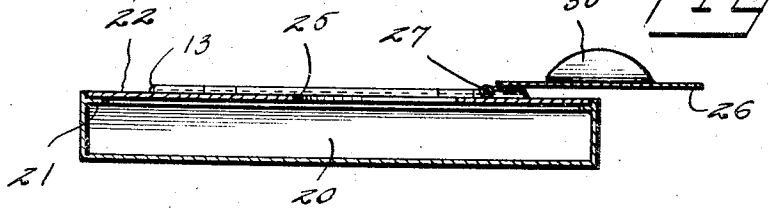


Fig. 4.



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UNITED STATES PATENT OFFICE

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COMBINATION CIGARETTE HOLDER AND ASH TRAY

Application filed May 7, 1932. Serial No. 609,921.

This invention relates to combination cases or receptacles and more particularly to an ash receiver or tray.

An object of this invention is to provide an ash receiver or tray which is so constructed as to provide means whereby the burning cigarette may be supported by a chamber or case hinged to the cigarette holder, the chamber including means to receive ashes from the burning cigarette.

A further object of this invention is to provide a case of this kind which is capable of being made into a relatively small compact device so that it can be readily carried in a pocket or pocketbook.

A still further object of this invention is to provide a device of this kind embodying means whereby the ashes from the cigarette may be readily emptied from the ash receiver.

The above and various other objects and advantages of this invention will in part be described in and in part be understood from the following detailed description of the present preferred embodiment, the same being illustrated in the accompanying drawings wherein:—

Figure 1 is a detail perspective view of a device constructed according to the preferred embodiment of this invention, showing the device in closed position.

Figure 2 is a top plan view of the device in open position.

Figure 3 is a sectional view taken on the line 3—3 of Figure 2.

Figure 4 is a sectional view taken on the line 4—4 of Figure 2.

Figure 5 is a sectional view taken on the line 5—5 of Figure 2.

Figure 6 is a fragmentary detail perspective view of a modified form of this invention.

Figure 7 is a similar view of a further modification of this invention.

Referring to the drawings wherein like numerals of reference designate corresponding parts throughout the several views, the numeral 10 designates generally a holder or case which is hinged, as at 13, to a second receptacle or tray 11. The holder 10 is provided with a catch 12 for engagement with an outstanding lug 14 carried by one edge of the ash receptacle or tray 11 so as to hold the two receptacles in closed position.

A substantially rectangular-shaped cigarette holder 15 is mounted within the receptacle 10 and through the provision of a shaft or pintle 16 which extends through the holder 15 adjacent the closed end thereof, the holder 15 is adapted to have relative movement so that the open end portion 17 may be swung outwardly so that cigarettes 18 positioned therein may be readily withdrawn.

Preferably, the holder or receptacle 10 is of a length substantially equal to the length of conventional cigarettes so that when the holder 15 is in closed position, the cigarettes cannot drop out. Preferably, one side of the holder 15 is cut out, as at 19, so as to permit the ready withdrawal of the cigarettes disposed within the holder.

The ash tray or receptacle 11 comprises a chamber 20 which is open at the top and is provided adjacent the upper edge thereof with an inwardly extending flange 21 upon which is seated a closure or plate 22 which is hinged, as at 23, to the pintle of the hinge 13. This plate or top 22 is held in closed position by a catch 24 which engages the inner edge of the flange 21 and is adapted to resiliently hold the top or closure 22 in closed position. The top 22 is provided at the desired point with an opening 25 through which the cigarette ashes or the like may be dropped and this opening 25 is closed by means of a closure or plate 26 which is hinged, as at 27, to the top of the plate or ash tray closure 22.

A spring 28 is disposed about the pintle of the hinge 27 and engages the closure 26 so as to constantly urge this closure 26 into open position. A pivoted locking member 29 is carried by the top plate or closure 22 and is swingable into the path of the closure 26 when this closure is in closed position so as to lock the closure over the opening 25 and prevent leaking out of the ashes or other articles placed within the chamber 20.

A cigarette rest 30 is secured to the under face of the closure 26 and this rest 30 is of arcuate construction in transverse section and is of a length less than the length of the opening 25 so that the closure 26 will lie flat on top

of the closure plate 22 when in closed position. When the locking member 29 is swung into released position, the spring 28 will swing the closure 26 into open position and in this position, the cigarette rest will be in operative position so that a cigarette may be placed thereon and the burning end portion positioned over the opening 25 to permit the ashes to drop into the tray or chamber 20.

As shown in Figure 6, the cigarette holder 10*a* has an ash tray or holder 11*a* hingedly secured thereto and the top 22*a* of this ash tray is fixedly secured thereto. This top 22*a* has an opening 25*a* therethrough and a closure 26*a* is hingedly secured to the top 22*a* in the same manner as the closure 26.

The bottom 31 of the ash tray or receiver 11*a* is hinged, as at 32, to one edge of the tray 11*a* and this bottom or closure 31 has a resilient catch 33 engaging a lock 34 carried by another edge of the receptacle or tray 11*a*. The side walls of the ash receiver 11*a* are provided with inwardly extending flanges 21*a* upon which the hinged bottom 31 is adapted to rest when in closed position. Preferably, the marginal edge portions of the bottom 31*a* are disposed inwardly of the side and end walls of the receptacle 11*a* so that the surface of the bottom 31 will be flush with the edges of the side and end walls.

As shown in Figure 7, the ash receiver or tray 11^b is provided with a fixed top 22^b and a fixed bottom 31^a. In this receiver 11^b, one end of the receiver is open and a hinged closure 25 is hingedly secured, as at 36, to the receiver and is held in closed position by means of a catch 37 engaging a lug 38 carried by the side wall of the receiver 11^b. It will be obvious from the foregoing that the ash receiver or tray 11 may be emptied of its ashes in any desired manner.

In the use and operation of this device, the cigarette holder 15 may be filled with the desired number of cigarettes and when it is desired to remove the cigarettes therefrom, the inner end of this holder 15 may be swung outwardly to the limit of its movement, which movement is limited by reason of the angular end portion 39 which engages the adjacent wall of the chamber 10. When the cigarette has been lighted, it can be held on the rest 30 by turning the catch 29 so as to release the plate 26 and permit the spring 28 to swing this closure plate 26 into open position so as to hold the rest member 30 in cigarette receiving position.

It is, of course, understood that various changes and modifications may be made in the details of construction and design of the above specifically described embodiment of this invention without departing from the spirit thereof, such changes and modifications being restricted only by the scope of the following claims.

What is claimed is:—

1. An ash tray comprising a member having an open top, a top plate for the member having an ash receiving opening therethrough, means for hinging the plate to said member, a closure for said opening, means for hingedly mounting said closure for swinging movement over said opening, resilient means constantly urging said closure into open position, releasable locking means for holding the closure in closed position, and a transversely curved member carried by the closure and swingable within said opening upon swinging of the closure into closed position.

2. An ash tray comprising a member having an open top, a top plate carried by the member and having an ash receiving opening therethrough, a closure plate, means for hingedly mounting the closure plate for swinging movement across said opening, means releasably locking the plate in closed position, a cigarette rest on one face of the plate and swingable to a position within the opening upon movement of the closure plate into closed position and swingable into a position outwardly of the top plate upon movement of the closure plate into open position, and means to permit withdrawal of ashes within said member.

3. An ash tray comprising a member having an open top, a closure for said top, a hinge means for said closure, said closure having an opening therethrough to permit ashes to be placed in said member, a flange carried by the side and end walls of said member upon which the closure is adapted to rest when in closed position, means carried by the closure and engaging one of the flanges to releasably hold the closure in closed position, a plate, means for hingedly mounting the plate on said closure for swinging movement across said opening, and a cigarette rest carried by one face of said plate and adapted to be disposed within said opening upon movement of said plate into closed position.

In testimony whereof I hereunto affix my signature.

RUSHIE F. HEYWOOD.