March 15, 1938. F. PAWLITSCHEK 2,111,480

ASH RECEIVER

Filed Oct. 21, 1936

Fig. 1.

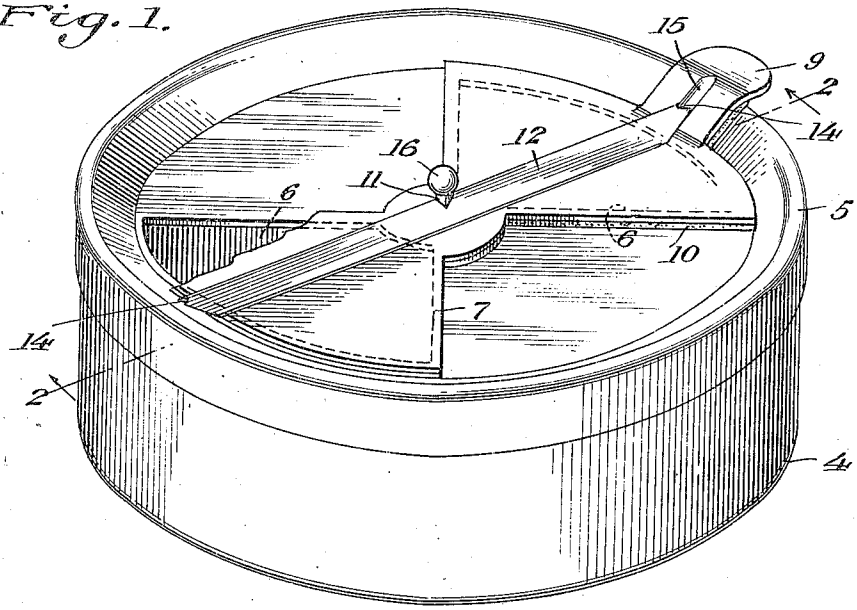



Fig. 2.

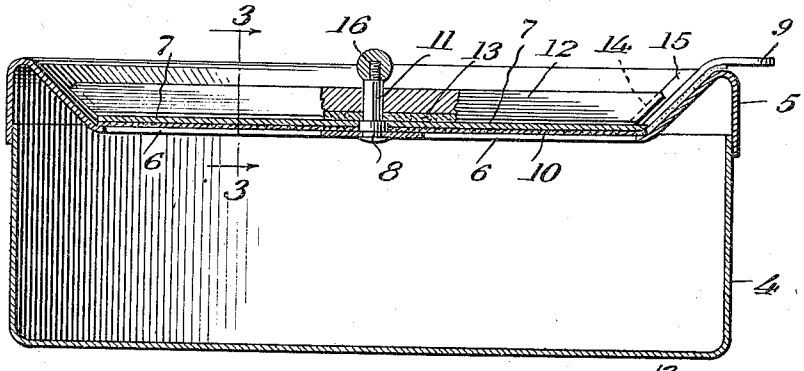



Fig. 4.

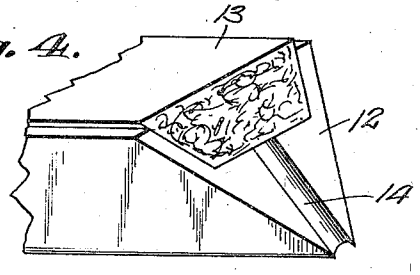
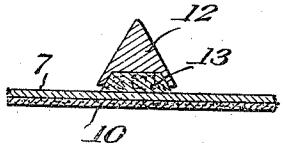



Fig. 3.




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# UNITED STATES PATENT OFFICE

2,111,480

## ASH RECEIVER

Franc Pawlitschek, New York, N. Y.

Application October 21, 1936, Serial No. 106,914

5 Claims. (Cl. 131—51)

The present invention relates to ash receivers and like smokers' articles and more particularly to devices of this character including means for keeping the ash tray portion thereof in clean condition.

The general object of the invention is to provide an ash tray including a chamber or movable cover portion in cooperation with the ash tray so arranged that by a simple manipulation of the cover portion, the entire exposed surface of the ash tray and cover are rendered clean of any ashes thereon, the ashes being deposited into the chamber beneath.

The invention has for a further object the provision of an ash receiver having a self-cleaning cover member thereon and being equipped with a stationary wiper which also serves to arrest the motion of the cover portion at the desired position.

The invention will be fully and comprehensively understood from a consideration of the following detailed description when read in connection with the accompanying drawing which forms part of the application.

In the drawing:

Fig. 1 is a perspective view of the ash receiver, a portion of the cover member thereof being broken away.

Fig. 2 is a central vertical section thru the ash receiver taken on the plane 2—2 of Fig. 1.

Fig. 3 is an enlarged detail section thru the stationary wiper element of the ash receiver taken on line 3—3 of Fig. 2; and

Fig. 4 is a perspective view of one end of the fixed wiper element shown in inverted position illustrating in detail how said element is formed to engage with the movable wiper element.

Reference is now had to the accompanying drawing for a more detailed description thereof in which the numeral 4 indicates the body portion of the ash receiver, the same being dished to form a chamber. Surmounted on the body portion 4 is an ash tray 5, the periphery of which is flared upwardly so as to define a recess for deposit of cigarette or cigar ashes therein. In the intermediate area of the ash tray 5 segmental portions are cut out to provide diametrically opposed apertures 6 thru which ashes may be pushed to be deposited in the chamber 4. A swingable cover member 7 is arranged to be rotated relative to the ash tray 5 being retained thereon by a centrally disposed stud 8 secured to the ash tray, upon which the cover 7 is pivoted. The cover 7 is shaped to define opposed segmental portions each of which are adapted to form a closure for the respective apertures 6, being arranged to overlap marginal portions thereof, thereby forming an airtight seal for the chamber 4.

For convenience in swinging the cover 7, the same is equipped with a radially extending handle 9 disposed to conform to the flared periphery of the ash tray 5. To the underside of the cover 7 and portions of the handle 9 are suitably secured a layer of felt 10 or other suitable compressible material which during rotation of the cover 7 functions to wipe the exposed surfaces of the tray and also serves as a gasket to assure a tight closure of the apertures 6.

The central stud 8 has its upper portion 11 formed in a square upon which is slidably retained for vertical movement a stationary wiper bar 12, the latter being retained thereon, preferably, by an ornamental nut 16 surmounted on the stud 8. The bar 12 is disposed diametrically to the ash tray 5 so as to project over the central portion of the apertures 6. The underside of the wiper bar 12 is recessed to receive a felt strip 13 therein. The slidable mounting of the wiper bar 12 on the stud 8 permits same to rest normally upon the surface of the cover 7 so that the felt strip 13 frictionally engages same.

The bar 12 also serves as a stop for the cover 7 in that each end of the bar 12 is provided with a recess 14 adapted to engage a detent 15 in the form of a bead extending from the handle 9. As the cover 7 is rotated, its position over the apertures 6 will be controlled by engagement of the detent 15 with one of the slots 14 during which the free end of the bar 12 is slidably raised until its recess 14 drops over the bead 15.

It will be seen from the foregoing that the ashes deposited on the ash tray 5 may be readily removed therefrom and pushed into the chamber 4 by a simple rotation of the cover 7. During this operation the segmental portions of the cover 7 serve to wipe the exposed surfaces of the ash tray 5, the radial edges of the cover functioning to push the ashes into the apertures 6. Coactively the wiper bar 12 in wiping contact with the exposed surfaces of the cover 7 serves to remove the ashes deposited thereon so that same are also caused to drop thru the apertures 6 and into the chamber 4. The functioning of the detent 15 in cooperation with the recess 14 of the bar 12 serves to stop the cover 7 in the desired position so that the apertures 6 and the chamber 4 are sealed against the escape of smoke or objectionable odors therefrom.

It is to be understood that this improvement is

capable of extended application and is not confined to the exact showing of the drawing nor to the precise construction described and, therefore, such changes and modifications may be made therein as do not affect the spirit of the invention nor exceed the scope thereof as expressed in the appended claims.

What is claimed as new is:

1. A device of the character described comprising, in combination, a body forming a chamber, a tray on said body and having an aperture therein, a swingably mounted cover on said tray adapted to close said aperture, and a stationary wiper carried on said tray so as to contact said cover whereby to clean the surface of said cover during rotation of same.

2. A device of the character described comprising, in combination, a body forming a chamber, a tray on said body having a pair of diametrically opposed apertures therein, a swingably mounted cover on said tray adapted to form a closure for said apertures, in contact with said tray, and a stationary wiper disposed diametrically on said tray in frictional contact with said cover whereby to clean the surface of said cover during rotation of same.

3. A device of the character described comprising, in combination, a body forming a chamber, a tray on said body having a pair of diametrically opposed apertures therein, a swingably mounted cover on said tray adapted to form a closure for said apertures, in contact with said tray, a stationary wiper disposed diametrically on said tray in frictional contact with said cover whereby to clean the surface of said cover during rotation of same, and means cooperating with said wiper for arresting the rotation of said cover.

4. A device of the character described comprising, in combination, a body forming a chamber, a tray on said body having a pair of diametrically opposed apertures therein, a swingably mounted cover on said tray adapted to form a closure for said apertures, in contact with said tray, a stationary wiper disposed diametrically on said tray in frictional contact with said cover whereby to clean the surface of said cover during rotation of same, and means cooperating with said wiper for arresting the rotation of said cover, comprising a recess in said wiper for engagement with a detent on said cover.

5. A device of the character described, comprising, in combination, a body forming a chamber open at the top, a tray positioned in frictional engagement with said body and adjacent to the open side thereof, said tray having at least one substantially segmentary opening therein, a cover element movable relative to said tray similar in form to the cut-out portion of said tray and positionable over said opening to substantially close same, and a stationary wiper member positioned above and adjacent to said cover element and fixed in position relative to said cover element whereby the upper surface of said cover element is wiped during rotation.

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