Aug. 21, 1934. J. SOLTYS 1,971,203

CIGARETTE BOX

Filed March 16, 1933

Fig. 1.

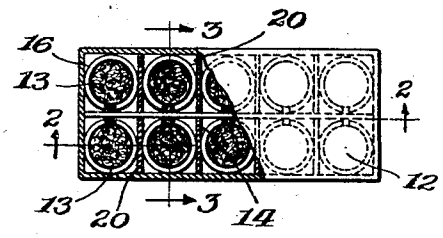


Fig. 2.

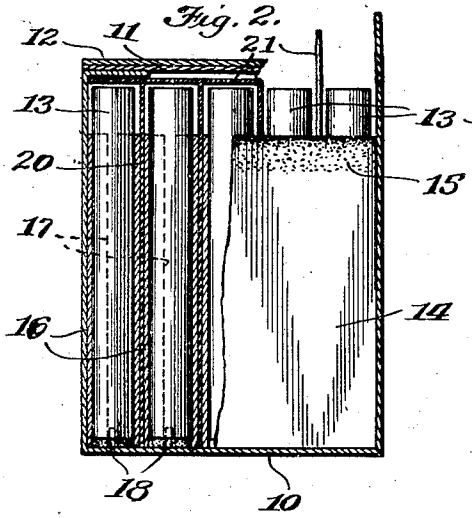


Fig. 3.

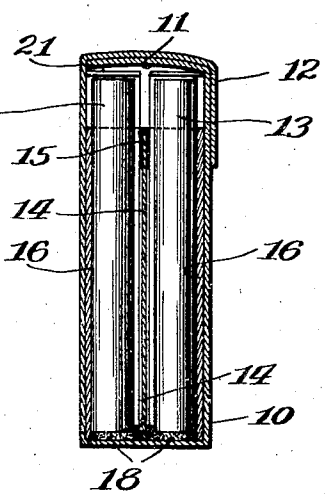


Fig. 4.

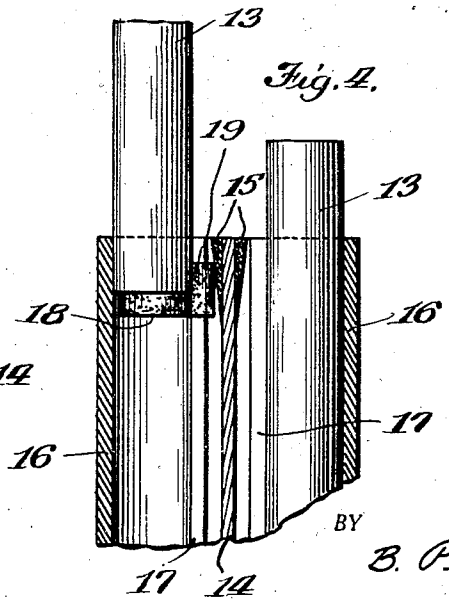
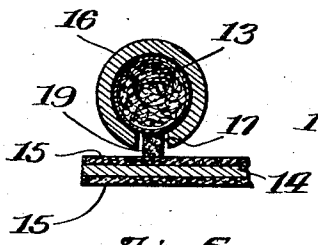


Fig. 5



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CIGARETTE BOX

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6 Claims. (Cl. 206—41)

The present invention relates to cigarette box and has for its main object the provision of a novel cigarette box.

A further object of the present invention is the provision of a cigarette box containing individual compartments for cigarettes.

A further object of the present invention is the provision of automatic lighting means for cigarettes as the same are being withdrawn from the box.

A still further object of the present invention is the provision of igniting material at the end of the cigarette with means associated with a cigarette box for lighting said igniting material as the cigarette is being withdrawn from the box.

With the above general objects in view and others that will appear as the invention is better understood, the same consists in the novel construction, combination and arrangement of parts hereinafter more fully described, illustrated in the accompanying drawing and pointed out in the appended claims.

In the drawing forming a part of this application and in which like designating characters refer to corresponding parts throughout the several views.

Fig. 1 is a top plan view, partly in section, of the cigarette box;

Fig. 2 is a cross-sectional view on line 2—2 of Fig. 1;

Fig. 3 is a transverse cross-sectional view through the box on line 3—3 of Fig. 1;

Fig. 4 is an enlarged fragmentary view, similar to that shown on Fig. 3, showing the position of one cigarette in the process of withdrawal from the box during the lighting process thereof; and

Fig. 5 is a horizontal cross-sectional view through one cigarette and its retaining tube and the partition wall constituting an integral portion of the cigarette box.

Referring in detail to the present drawing there is shown a cigarette box generally indicated by 10, including flap 11 and over-lapping closure 12. The box may be made of cardboard or any other suitable material. The box contemplated by the present invention is adapted to receive two parallely disposed rows of cigarettes 13.

The box further includes partition wall 14 made of cardboard or any other suitable material and which is positioned within the box longitudinally and centrally thereof as is clearly seen on Figs. 1, 3 and 4 and which separates two rows of cigarettes. Adjacent its upper end said partition wall 14 at each of its faces is painted with abrasive match-striking material 15 for the purpose which will be hereinafter described.

Positioned on each side of said partition wall 14 is a plurality of tubes 16 which are firmly held within box 10 by being attached to the bottom wall of said box by means of glue or any other suitable means. Each of said tubes 16 has a slot 17 at a point of its periphery which is nearest to the partition wall 14, as is clearly seen on Figs. 4 and 5.

Said tubes 16 are of a shorter height than cigarette 13 which is adapted to be receivable within tube 16, for the purpose that the upper end of cigarette 13 may be manually grasped for the purpose of withdrawing the same from tube 16 as may be seen on Figs. 2, 3, and 4.

Each cigarette 13 at its lower end is provided with a disk 18 made of lighting or match-striking material, which is glued directly to the cigarette or may be retained within the cigarette paper tube. Integrally formed with said disk is a laterally projecting lug 19, which is longer than the thickness of disk 18 so that its surplus length portion reposes upon the side of the cigarette to which the same may be glued for the purpose of additionally attaching said lug and disk to the cigarette, as is clearly seen on Fig. 4.

Each cigarette, as constructed in accordance with the hereinabove description, reposes in each individual tube 16, lug 19 remaining within slot 17 at the lower end thereof, as seen on Figs. 2 and 3.

The box further is provided with transverse partition walls 20, one positioned between each pair of adjacent tubes 16 in both rows of said tubes 16 on each side of partition wall 14. The upper end of each of said transverse partition walls 20 is bent, all in the same direction, to affect a horizontal flap 21 which provides a closure for the upper end of each cigarette 13, as clearly seen on Figs. 2 and 3.

On opening closure 12 and raising flap 11 of the cigarette box, flap 21 is also manually raised which permits access to the upper tip of cigarette 13 for the purpose of manually grasping thereat. When the manual hold at the upper end of cigarette 13 is had the cigarette is raised from the tube 16, lug 19 sliding within slot 17. As soon as said lug 19 comes in contact with the match-striking material 15, as clearly seen on Fig. 4, lug 19 is ignited, in consequence whereof disk 18 will likewise be ignited for lighting the cigarette as is obvious.

While there is described herein a preferred embodiment of the present invention, it is never-

theless to be understood that minor changes may be made therein without departing from the spirit and scope of the invention as claimed.

What I claim as new is:

1. In a cigarette box, a longitudinal partition wall and a plurality of transverse partition walls defining individual cigarette receiving compartments, the upper ends of said transverse partition walls being bent horizontally to define individual flaps for the respective compartments and protecting the upper ends of the cigarettes, the upper end of said longitudinal partition wall being treated with a match-striking material, the lower end of each cigarette being provided with a match-striking material, said match-striking material being adapted to be ignited on striking said match-striking material as the cigarette is being withdrawn from the compartment for the purpose of lighting the cigarette.

2. In a cigarette box, a longitudinal partition wall and a plurality of transverse partition walls defining individual cigarette receiving compartments, the upper ends of said transverse partition walls being bent horizontally to define individual flaps for the respective compartments and protecting the upper ends of the cigarettes, the upper end of said longitudinal partition wall being treated with a match-striking material, the lower end of each cigarette being provided with a lateral projecting lug made of match-striking material, said lug being adapted to frictionally engage and ride upon the match-striking material upon the upper end of said partition wall for the purpose of lighting the cigarette as the same is withdrawn from the box.

3. In a cigarette box, a longitudinal partition wall terminating an appreciable distance below the open end of the box, and a plurality of transverse partition walls defining individual cigarette receiving compartments, said transverse partition walls extending above the longitudinal partition wall and having their upper ends bent horizontally to define individual flaps for the respective compartments and protecting the upper ends of the cigarettes, match striking material arranged on opposite sides of the longitudinal partition wall adjacent the upper edge thereof, and match striking material carried by the lower end of each cigarette and adapted to be ignited by contact with said longitudinal partition wall as the cigarette is being withdrawn from the box.

4. In a cigarette box, a longitudinal partition wall having match striking material adjacent its upper edge, and a plurality of transverse partition walls defining individual cigarette receiving compartments, match striking material carried by the lower end of each cigarette received by said compartment and adapted to be ignited by contact with said longitudinal partition wall as the cigarette is being withdrawn from the box, and means individually covering the upper ends of the respective compartments and protecting the adjacent ends of the cigarettes.

5. In a cigarette box, a longitudinal partition wall having match striking material adjacent its upper edge, and a plurality of transverse partition walls defining individual cigarette receiving compartments, a cigarette receiving tube secured within each compartment and having a longitudinal slot, and match striking material carried by the lower end of each cigarette and including an offset lug portion slidably received by the slot of its respective tube and adapted to be ignited by contact with the longitudinal partition wall as the cigarette is being withdrawn from the box.

6. In a cigarette box, a longitudinal partition wall having match striking material adjacent its upper edge, and a plurality of transverse partition walls defining individual cigarette receiving compartments, a cigarette receiving tube secured within each compartment and having a longitudinal slot, match striking material carried by the lower end of each cigarette and including a vertical offset lug portion slidably received by the slot of its respective tube and adapted to be ignited by contact with said longitudinal partition wall as the cigarette is being withdrawn from the box, and means individually covering the upper ends of the respective compartments and protecting the upper ends of the cigarettes.

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