Sept. 3, 1929. S. A. KORNSWEET 1,726,843

COMBINATION CIGARETTE AND MATCH BOX

Filed Aug. 21, 1928

Fig. 1.

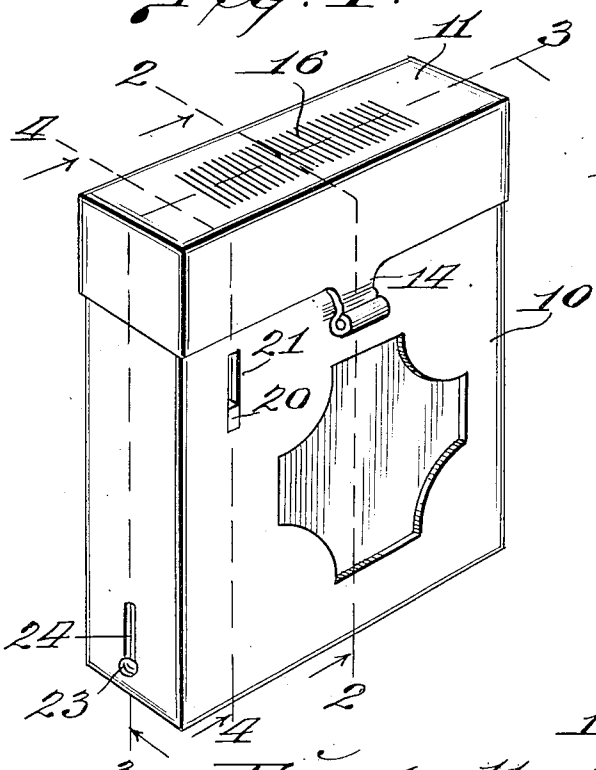


Fig. 2.

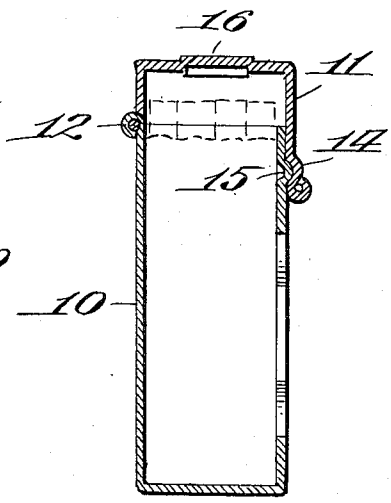


Fig. 3

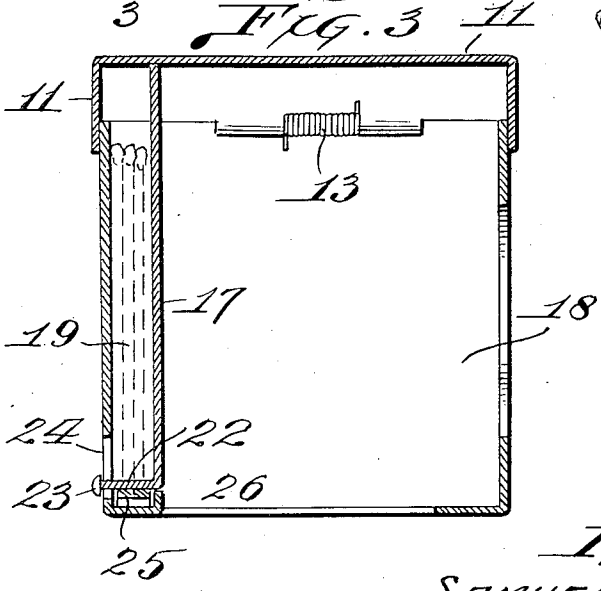
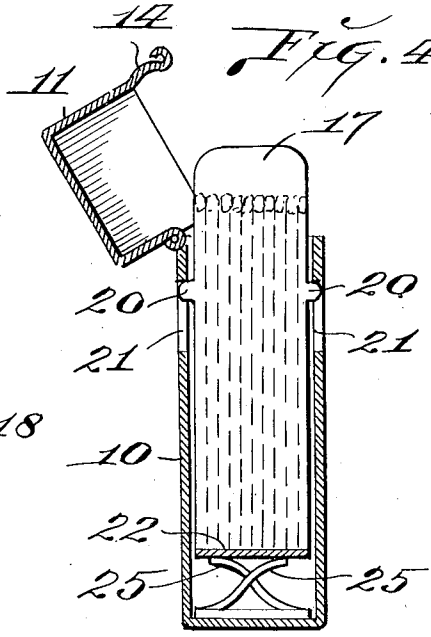


Fig. 4.



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UNITED STATES PATENT OFFICE.

SAMUEL A. KORNSWEET, OF LOS ANGELES, CALIFORNIA.

COMBINATION CIGARETTE AND MATCH BOX.

Application filed August 21, 1928. Serial No. 301,109.

My invention relates to a combination box or container that is especially designed for holding cigarettes and matches, and the principal object of my invention is to provide a relatively simple, inexpensive, and practical container that will conveniently hold a standard size package of cigarettes and a supply of matches, and which box or container is compact and light in weight so that it may be conveniently carried in the pocket.

Further objects of my invention are to provide a combination cigarette and match box with a spring actuated cover that may be readily opened by the application of slight pressure to the front wall of the box or container, and further to provide simple and efficient means for elevating the supply of matches within the container when the cover thereof is opened in order that the matches may be conveniently removed from their compartment within the box.

With the foregoing and other objects in view, my invention consists in certain novel features of construction and arrangement of parts that will hereinafter be more fully described and claimed and illustrated in the accompanying drawing, in which—

Fig. 1 is a perspective view of a combination cigarette and match box constructed in accordance with my invention.

Fig. 2 is a vertical cross section taken on the line 2—2 of Fig. 1.

Fig. 3 is a vertical longitudinal section taken on the line 3—3 of Fig. 1.

Fig. 4 is a vertical cross section taken on the line 4—4 of Fig. 1.

Referring by numerals to the accompanying drawings, 10 designates a substantially rectangular box that is preferably formed of thin sheet metal, celluloid or the like and the front, bottom and right hand side walls of the body of the box are provided with openings in order to minimize the weight of the completed structure.

The open upper end of the box or container 10 is normally closed by a cover 11, the rear portion of the latter being connected by a suitable hinge 12, to the upper edge of the rear wall of the box 10, and associated with this hinge is a torsion spring 13 that tends to normally swing the cover into open position, as illustrated in Fig. 4.

Formed integral with the front wall of the cover 11 is a depending tongue 14 which, when the cover is closed, overlies a horizontally disposed rib 15 that is pressed outwardly from the upper portion of the front wall of the box 10, and the engagement of this tongue with said rib normally holds the cover in closed position as illustrated in Figs. 1, 2 and 3.

The intermediate portion of the top plate of the cover 11 is roughened or corrugated, as designated by 16, thus providing a match scratching surface on the top of the box.

Arranged within the left hand portion of the chamber within the box or container and occupying a position parallel with the left hand wall of the box is a vertically disposed plate 17 that functions as a partition between the main chamber 18 within the box which functions as the secret compartment and the smaller chamber 19 which functions as the match compartment.

This partition is arranged to move vertically for a limited distance within the box and to support and guide said partition during this vertical movement ears 20 are formed on the upper portions of the front and rear edges of said partition, which ears project into vertically disposed slots 21 that are formed in the front and rear walls of the box.

The lower end of the partition 17 is bent at right angles to form a bottom plate 22 for the match compartment and formed on the outer edge of this bottom plate 22 is a headed stud 23 that projects through a short vertically disposed slot 24 in the lower portion of the adjacent end wall of the box, thus supporting and guiding the lower portion of the partition 17 during its vertical movement.

Supported on the bottom plate of the box beneath plate 22 is a spring or springs such as 25 which normally exert upward pressure against said plate 22, and consequently tending to elevate the same.

A transversely disposed lip 26 is formed on the bottom wall of the box, said lip serving to retain the spring 25 in proper position beneath the plate 22 and to close the inner portion of the space or chamber that is occupied by said spring when the partition 17 is at the lower end of its movement.

Under normal conditions, or when the cover 11 of the box is closed, as illustrated in Figs. 1, 2 and 3, the partition 17 occupies its lowermost limit of movement, thus compressing the spring 25 and the heads or upper ends of the matches within the

chamber 19 occupy positions just below the top of the body 10 of the box.

To open the box it is only necessary to exert a slight inward pressure on the front wall of the body of the box adjacent to the rib 15, which action releases the tongue 14 and the power stored in spring 13 swings the cover 11 upwardly and rearwardly into open position, as illustrated in Fig. 4. As the cover is thus opened the power stored in spring 25 will elevate the partition 17 to the limit of its movement, the length of which movement is governed by the length of the slots 21 and 24, and thus the matches contained within the chamber 19 will be elevated a sufficient distance to bring their upper ends above the upper edges of the walls of the box 10, thus enabling the matches to be readily grasped between the thumb and finger and removed.

When the cover of the box is swung into closed position the partition 17 will be moved downward, thereby lowering the supply of matches within the chamber 19 so as to eliminate all danger of the matches being ignited by forcible contact with the side or end walls of the cover.

In some instances it may be found desirable to arrange within the upper portion of the match compartment 19 a lighting device that includes a wick that leads from a source of combustible fluid supply, and which wick is ignited from the sparks developed as a result of contact between a section of sparking material and an abrasive member, and where such construction is employed it will not be necessary to arrange the partition 17 for vertical movement.

Thus it will be seen that I have provided a combined cigarette and match box that is very compact, capable of being conveniently carried in the pocket, and which box is adapted to receive and hold a standard package of cigarettes and a number of matches, which latter are elevated so as to be conveniently engaged and removed when the cover of the box is opened.

It will be understood that minor changes in the size, form and construction of the various parts of my improved combination cigarette and match box may be made and substituted for those herein shown and described without departing from the spirit of my invention, the scope of which is set forth in the appended claims.

I claim as my invention:

1. In a combination cigarette and match box, a container, a spring actuated cover therefor, a vertically movable partition arranged within said container and dividing the space therein into two chambers, a spring associated with said partition and normally exerting upward pressure thereon, and means for supporting and guiding said partition during its vertical movement.

2. In a combination cigarette and match box, a container, a spring actuated cover therefor, means for holding said cover in closed position on said container, and a spring pressed partition arranged for vertical movement within said container for dividing the space therein into two compartments and the upper end of which partition is engaged by the spring actuated cover of the box while the latter is in closed position.

3. In a combination cigarette and match box, a container, a spring actuated cover therefor, means for holding said cover in closed position on said container, a spring pressed partition arranged for vertical movement within said container for dividing the space therein into two compartments and the upper end of which partition is engaged by the spring actuated cover of the box while the latter is in closed position, and means for supporting and guiding said partition during its vertical movements.

4. In a combination cigarette and match box, a container, a spring actuated cover therefor, a partition arranged for limited vertical movement within said container and dividing the space therein into two compartments, the lower end of which partition is bent at right angles so as to occupy a position parallel with the bottom of the box, and a spring interposed between the bent lower end of said partition and the bottom of the box.

5. In a combination cigarette and match box, a container, a spring actuated cover therefor, a partition arranged for limited vertical movement within said container and dividing the space therein into two compartments, the lower end of which partition is bent at right angles so as to occupy a position parallel with the bottom of the box, a spring interposed between the bent lower end of said partition and the bottom of the box, and means for supporting and guiding said partition during its vertical movements.

In testimony whereof I affix my signature.

SAMUEL A. KORNSWEET.