A. MENDELSON.

CIGARETTE BOX.

APPLICATION FILED JULY 1, 1914.

1,160,930.

Patented Nov. 16, 1915.

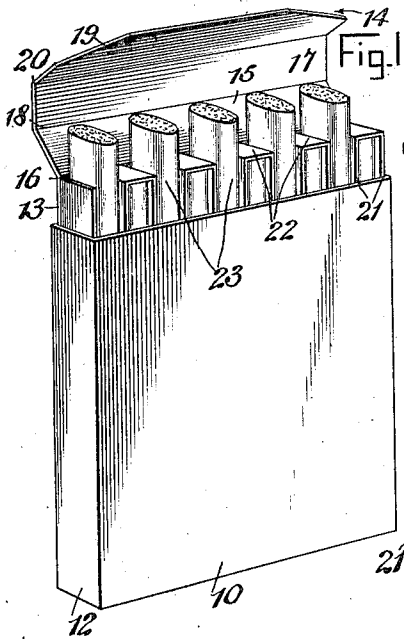


Fig. 1.

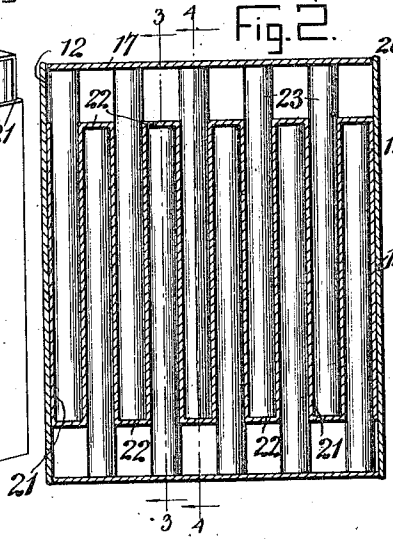


Fig. 2.

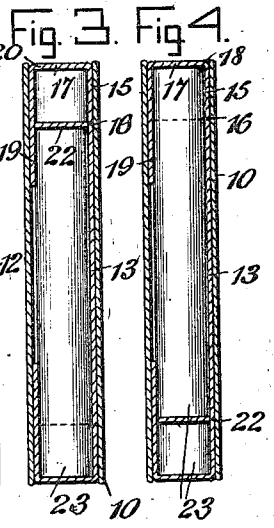


Fig. 3.

Fig. 4.

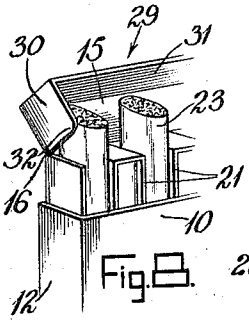


Fig. 8.

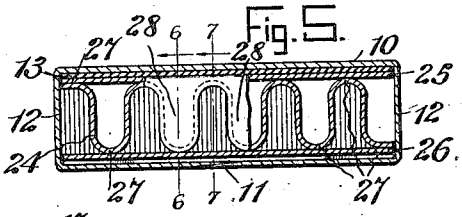


Fig. 5.

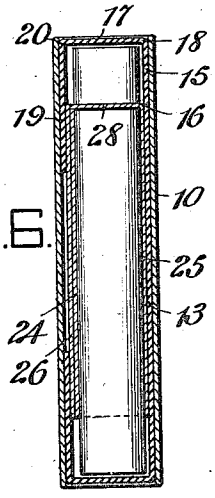


Fig. 6.

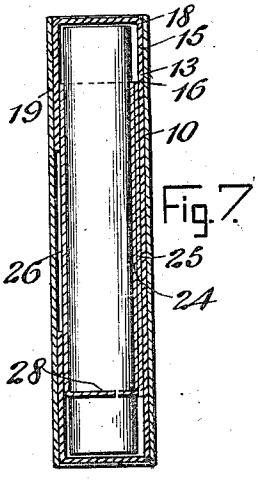


Fig. 7.

WITNESSES

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UNITED STATES PATENT OFFICE.

AARON MENDELSON, OF NEW YORK, N. Y.

CIGARETTE-BOX.

1,160,930. Specification of Letters Patent. Patented Nov. 16, 1915.

Application filed July 1, 1914. Serial No. 848,375.

To all whom it may concern:

Be it known that I, AARON MENDELSON, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Cigarette-Box, of which the following is a full, clear, and exact description.

This invention relates to novel and useful improvements in dispensing boxes divided into compartments for containing cigarettes or similar articles and to permit convenient withdrawal thereof separately without disturbing or injuring the remaining cigarettes or articles.

A further object of the invention is to provide a box of the class described which is so constructed and arranged as to permit removal of the cigarettes or articles in the manner described and at the same time provide for the holding of a maximum number of such cigarettes or articles and to dispose them in such a manner that they can be removed from either end of the box.

With the above and other objects in view, the invention resides in the peculiar combination and arrangement of parts to be hereinafter more fully described, illustrated and claimed, it being also an object to provide a device which is simple in construction, durable and efficient.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views, and in which—

Figure 1 is a perspective view of a cigarette box constructed in accordance with my invention, the sliding part or carrier being projected from one end as when in position to permit the removal of the cigarettes; Fig. 2 is a vertical sectional view crosswise of the box when the latter is in a closed position; Fig. 3 is a sectional view on the line 3—3 of Fig. 2; Fig. 4 is a sectional view on the line 4—4 of Fig. 2; Fig. 5 is a transverse sectional view partly in elevation of a modified structure; Fig. 6 is a sectional view on the line 6—6 of Fig. 5; Fig. 7 is a sectional view on the line 7—7 of Fig. 5; and Fig. 8 is a fragmentary perspective view of a cigarette box with a modified form of closure.

As illustrated in Figs. 1 to 4, inclusive, the box is shown as comprising a body portion 10 in the nature of a flat rectangular receptacle open at its opposite ends and preferably formed of a single strip of material secured in overlapped relation on one side as shown at 11, and intermediate its opposite narrow edges 12. Fitted within the body or casing 10 is a slide or carrier 13 which has its opposite ends creased or scored to provide folding end portions 14 forming closures for the ends of the box. The portions 15 which are creased along the lines 16 occupy the area of the length of the body and the portions 17, which are creased or foldable along the lines 18, form the ends of the box to close the ends of the body, while the extreme portions 19 produce flaps or tongues which are foldable along the lines 20 so as to extend into the body in opposite directions toward each other at the same side.

The slide or carrier 13 is provided with a plurality of compartments to hold the cigarettes or other articles to be carried in the box, and as shown in Figs. 1 to 4, inclusive, these compartments are made up of a continuous strip 21 or otherwise bent in zig-zag form, preferably with square ends 22 so as to provide compartments opening alternately in opposite directions so that the compartments opening in the same direction are spaced apart. These compartment forming strips are secured to the inner face of the carrier or slide at their edge portions and terminate adjacent to the folding lines 16 at their ends so that the cigarettes or articles 23 which are disposed in the compartments will project slightly beyond the ends thereof and terminate adjacent to the end portions 17 in spaced relation at each end of the box and in staggered relation with regard to the opposed ends of the box. The compartments are therefore open at the side opposite to the slide or carrier and in this manner the cigarettes or the like can be conveniently placed in position and by restricting the compartments at their open ends the articles will be tightly held in position but conveniently withdrawn.

The slide as shown is preferably made of a single strip of paper or similar material consistent with strength and rigidity sufficient to protect the cigarettes or other articles which may be fragile or not. In this manner when the carrier is placed in the body or casing and the compartments filled or the compartments first filled and the carrier with the cigarettes placed in the body,

the slide may be shifted to project beyond either end of the body or casing in the manner shown in Fig. 1 of the drawings, so that convenient withdrawal of the cigarettes can be effected. Also, by reason of the arrangement of the compartments as described, a maximum number of cigarettes can be held in a minimum sized box with the additional convenience of permitting them to be withdrawn without being broken, injured or necessitating unnecessary handling thereof, so that in offering a cigarette they need not be fumbled over.

In the form of the invention illustrated in Figs. 5 to 7, inclusive, the body or casing is of the same construction as well as the slide or carrier 13, but in lieu of the partitions or strips 21 forming the compartments or cells of the box, the compartments are formed by a corrugated strip or section 24, the corrugations of which are shaped to substantially conform to the shape of the cigarettes in cross section. This corrugated strip is attached to opposed supporting sections 25 and 26 to which the bight portions of the corrugations are secured, as at 27, by pasting or gluing the same thereto in the manner in which corrugated pasteboard is made. In addition, the opposite ends of the supporting sections 25 and 26, that is, one end of each supporting section at the opposite ends of the box, are provided with spaced extensions 28 located in staggered relation and secured to the ends of the corrugated strip forming the compartments so that the intermediate compartments opening in the same direction are spaced apart and located in staggered relation to those opening in the opposite direction in the same manner as heretofore described. The cigarettes when in position will thus project from the opposite ends of the compartments in spaced relation at each end and in staggered relation with regard to the opposed ends, the carrying section or slide being adapted to be shifted in opposite directions to free the closures from within the body or casing to permit withdrawal of the cigarettes. In either instance the closures open at the same side of the box and five compartments opening in each direction will be provided in an ordinary cigarette box, although there is no restriction to the number of compartments which may be produced.

In the modification shown in Fig. 8 the slide or carrier 13 is provided at its ends corresponding to the folding line 16 with closures 29 having side portions 30 rigid with the portions 15 and the end portions 31 of said closure. These side portions 30 are disposed in alinement with the adjacent portions of the compartment-forming partitions or strip so as to fit inside of the body portion without necessitating the additional width to accommodate the extensions 19 as in the aforesaid construction, and said end portions are rounded at their inner and upper corners, as shown at 32, so as to permit the closures to be easily passed into and out of the body.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. A dispensing box of the class described, comprising the combination with a body having open ends and closures for said ends: of a section in said body bent to provide longitudinal compartments opening in opposite directions at the ends of the box, said section being movable to be projected beyond the ends of the body, the compartments at each end being spaced apart and located in staggered relation to those at the opposed end.

2. A cigarette box or the like, comprising a casing in the form of a flat body with open ends, a slide in the casing provided with compartments opening in opposite directions, said slide having end portions bent to provide closures, said compartments being adapted to receive cigarettes to project therefrom and the closures being adapted to overlie the ends of the cigarettes and fit within the casing when the box is closed.

3. A cigarette box, comprising a body formed of a strip with its ends secured in overlapped relation, the body having open ends and being of rectangular cross section, a carrier fitted in the body and corresponding to the transverse and longitudinal dimension thereof, said carrier having foldable end sections providing closures for the ends of the body and with flaps, a pair of supporting sections, and a corrugated strip secured to the supporting sections and carried by the carrying section to provide longitudinal compartments, said supporting sections having extensions at opposite ends to close the ends of alternate compartments at the opposed ends of the box, whereby the compartments open in the same direction are spaced apart.

4. A cigarette box, comprising a body, the body having open ends, a carrier fitted in the body and corresponding to the transverse and longitudinal dimension thereof, closures for the ends of the body, a pair of supporting sections and a strip secured to the supporting sections and carried by the carrying sections to provide longitudinal compartments, said supporting sections having extensions at opposite ends to close the ends of alternate compartments at the opposed ends of the box, whereby the compartments open in the same direction are spaced apart.

5. A cigarette box, comprising a body having an open end, a slidable carrier in said body including a strip bent in zig-zag

form to provide longitudinal compartments, certain of which terminate short of the ends of the body with the compartment opening in the same direction spaced apart, whereby cigarettes disposed therein will be similarly positioned with the ends of alternate cigarettes higher than the others and will project beyond the ends of the compartments but within the body and flush with the ends of the latter, and closures for the ends of said body and fitting therein to cover the ends of the cigarettes.

6. A cigarette box comprising a casing in the form of a flat body open at opposite ends, a slide of less length than the body and movable to project either end out of the corresponding end of the body, the said slide being open at each end and being provided with a plurality of compartments, each compartment being open at one end and closed at the other, the closed end of one compartment being at the opposite end of the slide from the closed end of the adjacent compartment or compartments, and closures carried by the slide to close the open ends of the casing, the closures being so positioned with respect to the casing that articles can project out of the open ends of the compartments into the space between the slide and closures.

7. A cigarette box comprising an open-ended body, and a compartment-forming element disposed in the body, whereby cigarettes can be held in spaced relation, with alternating cigarettes projecting out of the ends of the compartments, said element consisting of a strip of material corrugated transversely to its length, the width of the strip being of less dimension than the length of the box body, the corrugations extending parallel with the length of the box body.

8. A cigarette box comprising a body having an open end, a closure for said open end, and a strip in said body formed of a rectangular blank corrugated transversely and having its corrugations parallel with the length of the box and coöperating with the opposite sides of the latter to form cigarette-holding compartments, the alternate ones of which are open at opposite ends of the box, and the compartments being of less length than the length of the box, whereby cigarettes in alternate compartments will project from opposite ends.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

AARON MENDELSON.

Witnesses:
JOHN E. BURCH,
PHILIP D. ROLLHAUS.