T. J. MAGNUSON.

COMBINED CIGARETTE OR CIGAR BOX AND MATCH CONTAINING MEANS THEREFOR.

APPLICATION FILED APR. 22, 1919.

1,329,916. Patented Feb. 3, 1920.

Fig:1.

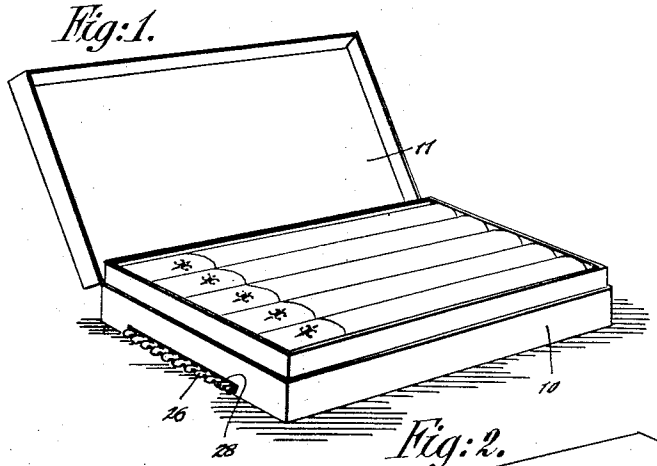


Fig:2.

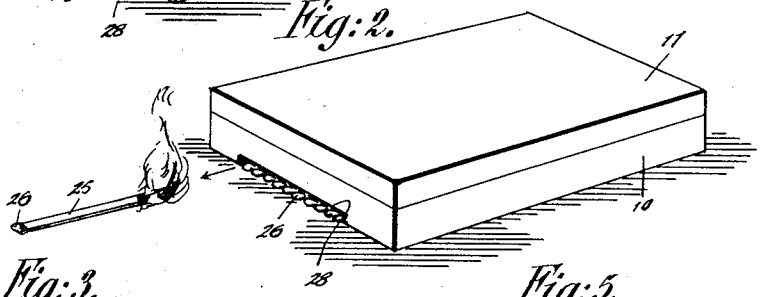


Fig:3.

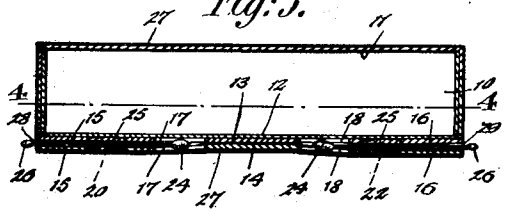


Fig:5.

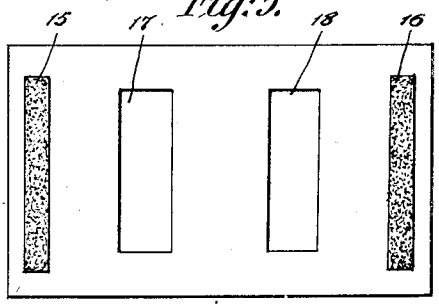


Fig:4.

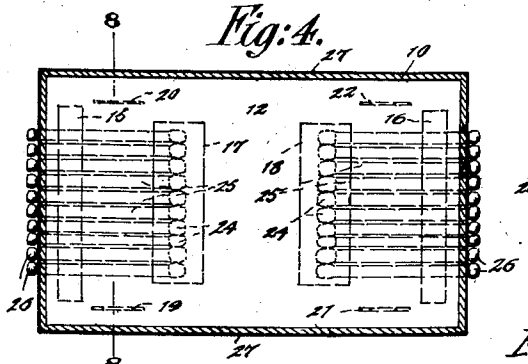


Fig:6.



Fig:7.

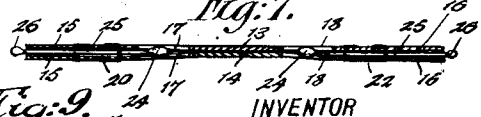


Fig:9.

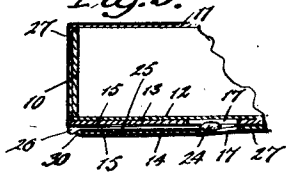
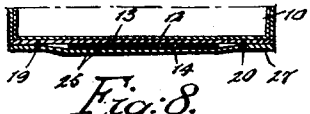


Fig:8.



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COMBINED CIGARETTE OR CIGAR BOX AND MATCH-CONTAINING MEANS THEREFOR.

1,329,916. Specification of Letters Patent. Patented Feb. 3, 1920.

Application filed April 22, 1919. Serial No. 291,859.

To all whom it may concern:

Be it known that I, TERRY J. MAGNUSON, a citizen of the United States, and resident of the borough of Manhattan, in the city, county, and State of New York, have invented certain new and useful Improvements in Combined Cigarette or Cigar Boxes and Match-Containing Means Therefor, of which the following is a specification.

The present invention relates to a combined cigarette or cigar box and match containing means therefor, and has for an object to provide a device of this character with which a number of matches may be provided with the box in an inconspicuous manner and which will be so arranged that as they are removed they are ignited. A further object is to construct such means so that it will in effect constitute the bottom of the box and will not add materially to the size thereof to the end that the cigarette box will not be changed in its size or outward appearance to such an extent as to make the same inconvenient to carry, freaky in design or otherwise out of keeping with any established practices attached to the old forms of boxes, in other words, the present device will be entirely consistent with the manner of packing, shipping, selling and using of the ordinary cigarette boxes. A still further object is to provide ignition means for the matches which will present an unused surface to every match so that its ignition will be positive and assured.

With these and other objects in view, embodiments of my invention are shown in the accompanying drawings, and these embodiments will be hereinafter more fully described with reference thereto and the invention will be finally pointed out in the claims.

In the accompanying drawings:

Figure 1 is a perspective view showing a cigarette box including an embodiment of my invention, the box being shown open;

Fig. 2 is a perspective view of the box closed and showing the manner of withdrawing and igniting a match;

Fig. 3 is a longitudinal sectional view;

Fig. 4 is a horizontal sectional view taken along the line 4—4 of Fig. 3;

Fig. 5 is a plan view of one of the parts forming the bottom;

Fig. 6 is a longitudinal sectional view showing the parts forming the bottom before assembling;

Fig. 7 is a longitudinal sectional view showing the bottom assembled;

Fig. 8 is a transverse sectional view taken along the line 8—8 of Fig. 4; and

Fig. 9 is a longitudinal sectional view with parts broken away of one end of a box showing a slightly modified form.

Similar reference characters indicate corresponding parts throughout the several figures of the drawings.

Referring to the drawings, my invention according to the present disclosed embodiment thereof, comprises a box portion 10 having a cover 11, this being preferably of the usual type used for containing cigarettes or small cigars although it will be understood that the invention will be applicable to other types of boxes, as for instance sliding or telescopic boxes.

The bottom of the box comprises an interior layer of cardboard 12 beneath which there are secured two opposed layers 13 and 14 similar in form and shown in plan in Fig. 5. Adjacent the ends of these layers there are provided transverse strips 15 and 16 of an ignition substance, such as is commonly used with safety matches, this substance being preferably placed directly upon the cardboard forming the layers by spraying, painting or other suitable processes. Spaced therefrom and toward the center of the layers, there are provided rectangular openings 17 and 18. Two such layers are placed together with the strips 15 and 16 inside and registering with each other and are secured by staples 19 and 20, 21 and 22, a plurality of matches in a single layer being first placed between the layers with their heads 24 disposed in the pockets formed by the openings 17 and 18 and their stems 25 extending between the strips 15 and 16 and slightly beyond the ends of the layers, and preferably having enlargements 26 formed thereon to enable the same to be more easily gripped by the fingers.

The match containing portion as shown in Fig. 7 is secured to the layer 12 by pasting or other suitable means, and the whole exterior of the box is provided with a covering layer 27 which serves to close the pockets

formed by the openings 17 and 18 at their under side, the layer 12 closing said pockets at their upper side. Openings 28 and 29 are left in the covering at the ends of the layers 12 and 13 to permit of the projection of the ends of the match stems.

When it is desired to use a match, the same is gripped at its end and drawn out from between the layers becoming ignited as the head is drawn between the strips 15 and 16, a new or unused surface of said strips being provided for each match so that its ignition is assured. The manner of fastening the layers with staples, permits of sufficient friction and yieldability as the head passes between the strips 15 and 16 to cause them to ignite. It will be understood that the layers 12 and 13 may be secured by other means if desired, as for instance by gluing at the center and along the side portions. The space between the layers within which the matches are disposed, may be of such width relatively to the thickness of the matches, that the matches will be retained therein but at the same time may be readily withdrawn when pulled from between the layers by the fingers. In smaller boxes, only one match set need be used, that is, as distinguished from the form illustrated in which two sets are used, the smaller box will have a bottom in which there is only one set of matches, one pocket in which the heads are disposed, and one pair of ignition strips.

In Fig. 9, I have illustrated a slightly modified form in which the ends of the layer 14 are set back as at 30 so that the ends of the match stems are flush with the end of the box and do not project. The fact that they are exposed however, permits them to be readily gripped by the fingers.

With my improvements, a box is provided for matches, which may be automatically lighted as they are removed thereby greatly adding to the comfort and convenience of the user, and this is done without in any way sacrificing compactness or detracting from the appearance of the box. The improvements are simple and practical of construction and will not add materially to the cost of the box.

I have illustrated and described preferred and satisfactory embodiments of my invention, but it is obvious that changes may be made therein within the spirit and scope thereof as defined in the appended claims.

I claim:

1. A match holder comprising in combination a single layer of matches disposed side by side, retaining means comprising a yieldable layer disposed at one side of said matches and a layer disposed at the other side of said matches, said layer being provided with registering openings forming a pocket for the heads, the wall of said pocket traversed by said matches constituting an abutment to the heads of said matches adapted to temporarily retain said matches between said layers, said matches adapted to be withdrawn from said retaining means, the heads moving from said pockets between said layers, and friction means disposed between said layers and adapted to be engaged by the heads of said matches as they are withdrawn to ignite said matches.

2. A match holder comprising in combination a single layer of matches disposed side by side, retaining means comprising a yieldable layer disposed at one side of said matches, and a layer disposed at the other side of said matches, said layers being substantially parallel and yieldably engaging the surface of the stems of said matches, said layers being provided with registering openings forming a pocket for the heads of said matches, said matches adapted to be withdrawn from said retaining means, the heads moving from said pockets between said layers, and friction means disposed between said layers and adapted to be engaged by the heads of said matches as they are withdrawn to ignite said matches.

In testimony that I claim the foregoing as my invention, I have signed my name hereunder.

TERRY J. MAGNUSON.