Oct. 24, 1950 M. POLACSEK 2,527,328

BOOK MATCH

Filed Nov. 30, 1945

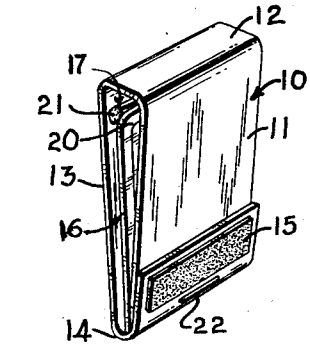


FIG. 1.

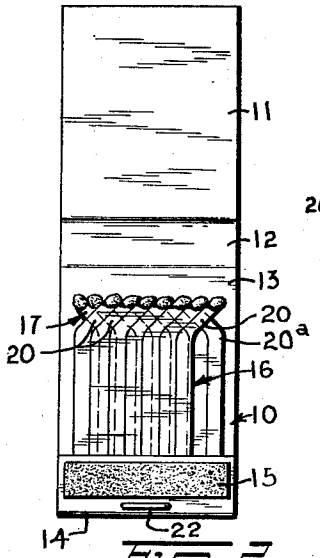


FIG. 2.

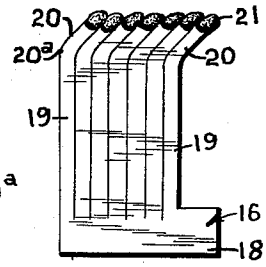


FIG. 3.

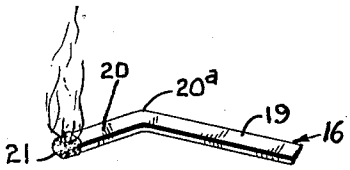


FIG. 4.

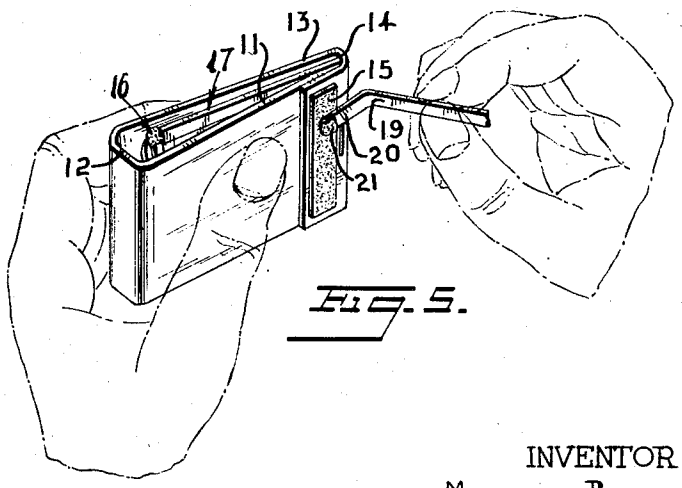


FIG. 5.

INVENTOR

MAURICE POLACSEK

By Zoltan Blockey

ATTORNEY

Patented Oct. 24, 1950 2,527,328

UNITED STATES PATENT OFFICE

2,527,328

BOOK MATCH

Maurice Polacsek, Brooklyn, N. Y.

Application November 30, 1945, Serial No. 631,841

2 Claims. (Cl. 206—29)

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This invention relates to new and useful improvements in book matches.

More specifically, the present invention proposes the construction of a match book containing matches having their heads disposed on a portion set at an angle to the main stem of the match whereby the match can be struck against the striking part of the book with the head vertically below the portion of the match to which it is attached, thus insuring quicker burning of this portion by the flame starting at the head.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawing forming a material part of this disclosure:

Fig. 1 is a perspective view of the book of matches constructed in accordance with this invention.

Fig. 2 is a front view of the book of matches, opened.

Fig. 3 is a front view of one layer of matches detached from the book.

Fig. 4 is a view of a match burning.

Fig. 5 is a view showing the method of striking the match.

The book matches, according to this invention, comprise a folder 10 having, when closed, a front wall 11, a top wall 12, a rear wall 13, a bottom wall 14 and a front flap 15, this flap having adhering thereto a layer of suitable material to form a striking surface, for having struck thereon, matches, such material being, for example, red phosphorus. Inside are several layers of book matches 16 and 17 cut into match sticks and made of pressed paper, wood or other suitable material.

The individual matches of each layer are integrally connected at their bottoms by a support 18. The matches are formed by stamping a substantially rectangular sheet of cardboard. In conventional book matches, the matches of each layer are similarly stamped from a sheet of cardboard but each match is straight. According to the present invention, each match (16 or 17) has a straight bottom portion 19, a top portion 20 inclined relative to portion 19, and a head 21 of a suitable chemical on the free end of portion 20. The matches are not bent but are cut so that they appear to be bent and the bent portions are preferably round at 20^a, where they

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are extended from the matches 16 and 17. There may be as many layers as desired, but two is a satisfactory number. These layers are secured in the cover by a staple 22 or the like. In the present invention the stamping operation would be no more expensive than it is for the conventional straight match.

Preferably the matches of the layers bend in opposite directions, but they may bend in the same direction if desired. The angle between the portions 19 and 20 is determined so that when the head 21 ignites, and the match is held normally in a person's hand, the flame will surround the portion 20 and quickly set it on fire. This is a great improvement over conventional straight matches, wherein the flame burns above the match and therefore has a tendency to go out unless the match is tilted. Tilting of the match, of course, in the case of the conventional straight match, may at times result in a burnt finger.

In Fig. 4 a match is shown demonstrating how the burning head 21 ignites the portion 20. In Fig. 5 is shown the normal position of striking for the match of the present invention.

The angle between the portions 19 and 20 will be the angle which is most suitable according to the breadth of the individual match, this breadth varying somewhat depending upon the type of match employed.

With the match of the present invention, it is not necessary to paraffine the portion 20 since it will be surrounded by flame and will ignite readily. However, it may be paraffined if desired so that the flame can light the paper stem or splint of the match still more readily.

The match of the present invention is particularly adapted for lighting out of doors, in automobiles, trains or the like where there are winds or drafts, the wind causing the flame to blow along the portion 20 rather than away from the match as in the case of a straight match.

Another advantage of the match of the present invention is that it may have a thinner or smaller head since the match catches on fire more readily than conventional matches. Thus a saving in chemical, and cost of the match book, is effected.

While I have illustrated and described the preferred embodiment of my invention, it is to be understood that I do not limit myself to the precise construction herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

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

1. A book match comprising an openable cover and a layer of splints in said cover, said layer including a row of splints integrally connected at their bottoms, each of said splints including a straight bottom portion and a portion inclined relative to but as thus inclined lying substantially in the same plane as its said bottom portion, and a chemical head on said top portion.

2. In a book of matches having a flat enclosing cover formed with an openable cover portion and a match striking area, a layer of splints mounted in the cover and integrally connected at their bottom ends, said splints having parallel straight bottom portions, said bottom portions continuing at their top ends into laterally inclined portions, said top portions being laterally inclined in the same plane as the plane of said bottom portions, and ignitable heads formed on the free ends of said top portions, whereby when said splints are removed from said layer and held with their top portions directed downward and then rubbed on the match striking area while held vertically said top portions will be substantially in the path of the flame rising from the ignited heads to insure ignition of said splints.

MAURICE POLACSEK.

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The following references are of record in the file of this patent:

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