

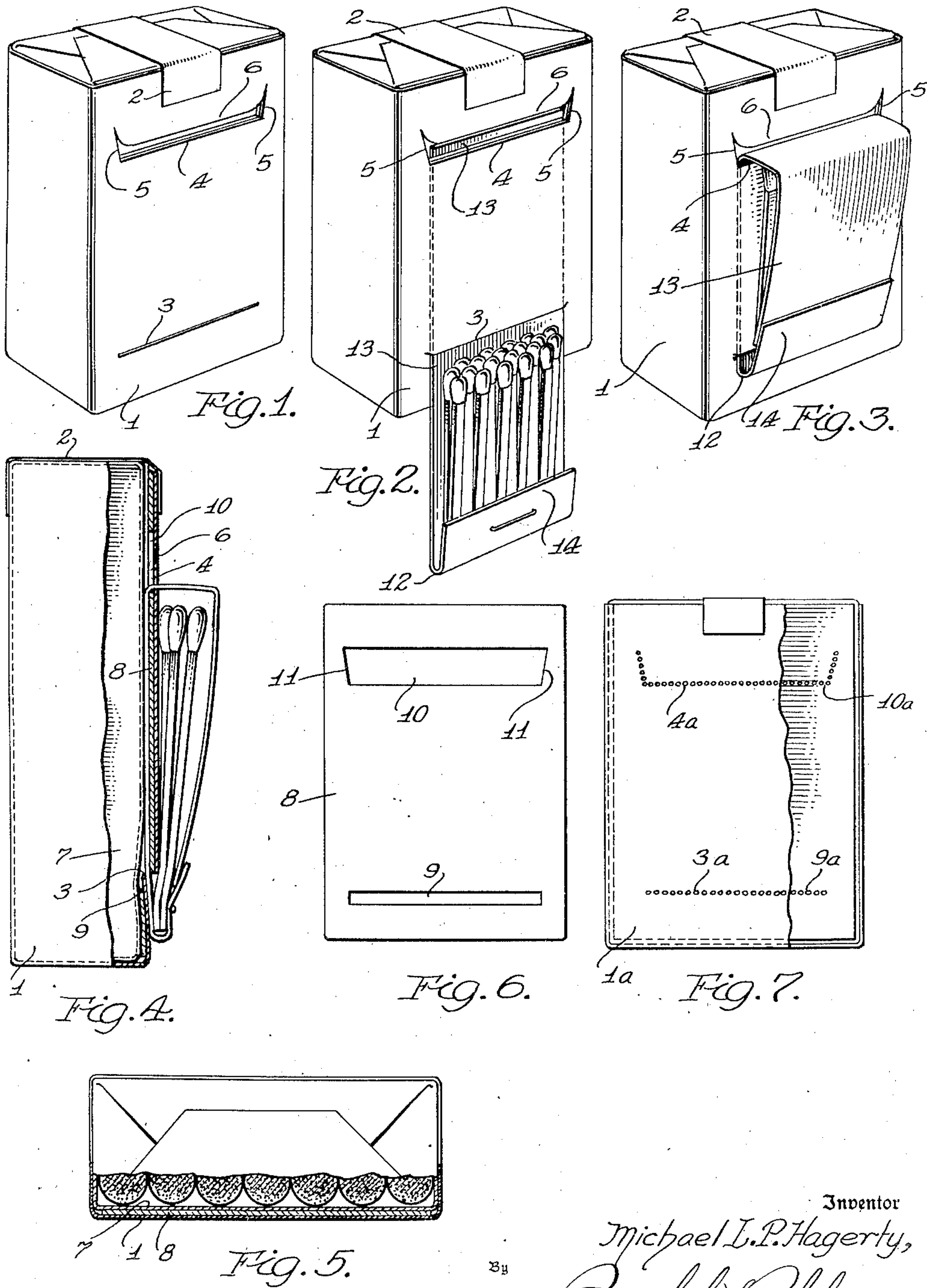
Feb. 28, 1939.

M. L. P. HAGERTY

2,148,459

PACKAGE AND MEANS FOR ATTACHING MATCH CONTAINER THERETO

Filed Feb. 27, 1937



Inventor
Michael L. P. Hagerty,
Barth & Barth
Attorneys

UNITED STATES PATENT OFFICE

2,148,459

PACKAGE AND MEANS FOR ATTACHING
MATCH CONTAINER THERETOMichael L. P. Hagerty, Detroit, Mich., assignor of
one-half to William B. Wreford, Detroit, Mich.

Application February 27, 1937, Serial No. 128,124

3 Claims. (Cl. 206—48)

This invention relates to packages for cigarettes, cigars and tobacco, and to means for attaching match containers thereto.

The primary object of the present invention is to provide a package of the character above referred to having means through which the flap of a match container may be conveniently inserted for attaching the package and container together. More specifically, the package is provided with spaced slots through which the container flap is inserted so that when the flap is folded to its normal position it retains the match container on the package.

Packages of the character above referred to as commercially used are usually formed of comparatively light paper which has a tendency to tear adjacent the slots therein when the match container is repeatedly opened and closed. This disadvantage is more likely to exist when the matches of containers are all used and fresh containers are substituted therefor. With this disadvantage in mind the present invention has as a further object to reinforce the package in such manner as to eliminate the tendency for it to tear when the matches are used.

Another object of the invention relates to the formation of the slots in such manner that, although the container flap may be easily inserted therein, the side walls of the slot engage the flap after insertion to prevent lateral movement thereof relative to the package.

With the above and other ends in view the invention consists in matters hereinafter set forth with reference to the accompanying drawing, in which

Figure 1 is a perspective view of a cigarette package;

Fig. 2 is a perspective view of the package with the match container flap partially inserted;

Fig. 3 is a perspective view of the package and match container in assembled relation;

Fig. 4 is a vertical section of the package, illustrating the match container in elevation;

Fig. 5 is a horizontal section of the package;

Fig. 6 is an elevation of the reinforcement, and Fig. 7 is an elevation, partly broken away, illustrating a modification.

Like characters of reference are employed throughout to designate corresponding parts.

The invention has been illustrated in connection with a cigarette package, but it will be understood that this is shown by way of example only, and that the contents for which the package is designed forms no part of the invention. That is, it is contemplated that the invention will be

used in connection with packages for containing cigars or other forms of tobacco.

In the drawing, the numeral 1 designates a package wrapper held in a closed position by the usual seal 2. The wrapper 1 is provided with a comparatively narrow, transversely extending slot 3, spaced a short distance from the bottom thereof. The wrapper also has a second transverse slot 4, spaced above the slot 3. The slot 4 has a peculiar formation, in which the end walls 5 thereof diverge as they extend in a direction away from the slot 2, and in which a tongue 6 is provided, extending in a direction toward the slot 3.

In packages of the character here disclosed, the wrapper 1 encloses an inner wrapper 7, usually of lead foil, and according to this invention a comparatively heavy sheet of paper or a card 8 is placed between the wrappers 1 and 7 adjacent the wall of the wrapper 1 which is slotted as above described. The card 8 comprises a reinforcement, and as shown more clearly in Fig. 6 has spaced apart slots 9 and 10 therein. The slot 9 coincides with the slot 3 and the slot 10 coincides with the slot 4 when the card is so inserted. The ends 11 of the slot 10 diverge in like manner to the ends 5 of the slot 4.

The numeral 12 designates a container for paper matches, the container being of the well known type having a flap 13 adapted to be folded so that its end engages the retainer 14. With the flap 13 in its open position, it is inserted through the slots 3 and 9, in the wrapper 1 and card 8 respectively, and is then slipped upwardly, while the tongue 6 is pressed inwardly, until the flap projects through the slots 10 and 4 in the card 8 and wrapper 1 respectively. The flap 13 is then folded down to the position shown in Fig. 3.

When the flap 13 is folded to the position shown in Fig. 3 the side edges thereof engage the inclined ends 5 and 11 of the slots 4 and 10 respectively and become wedged therebetween. The container 12 is thus held against shifting movement relative to the package and the stresses to which the wrapper 1 would ordinarily be subjected, as the matches are used, are taken by the reinforcement card 8. Due to the fact that the card 8 corresponds in size to one side of the package the package is enabled to withstand, without tearing, stresses which ordinarily would tear the wrapper 1.

In Fig. 7 is shown a modification wherein, instead of providing the slots 3 and 9 as above described, the wrapper 1a is perforated or scored at 4a and 9a so that they may be easily torn, 55

as by running the thumb nail across the same. Likewise, instead of the slots 4 and 10 above described, the wrapper 1a and card 8a are perforated or scored, respectively, at 4a and at 10a so that they may be easily torn by running the thumb nail along the same. When the wrapper has been so torn a match container may be inserted in the manner above described. This form has an advantage, in one respect, over the first described form of the invention, inasmuch as the package is more nearly air tight, prior to tearing of the same, than is the first form.

Although specific embodiments of the invention have been illustrated and described, it will be understood that various changes may be made within the scope of the appended claims, without departing from the spirit of the invention, and such changes are contemplated.

What I claim is:

1. A package having an external wrapper, said wrapper having a pair of spaced slots in a side thereof adapted to have the flap of a match container inserted therethrough, and a reinforcement for the slotted wrapper, said reinforcement comprising an area substantially equal to that

of said side and having a slot coinciding with each of the first named slots.

2. A package having an external wrapper, said wrapper having a plurality of spaced slots each having a length in parallelism with the other substantially equal to the width of the flap of a match container to be inserted therethrough, one of said slots having its ends inclined outwardly from said parallelism for forming initially a guide for said flap and subsequently a wedge therefor.

3. A package having an external wrapper, said wrapper having a pair of spaced slots formed therein and adapted to have the flap of a match container inserted therethrough, said slots being parallel for a substantial portion of their lengths, one of said slots departing from parallelism at its ends and continuing outwardly and upwardly to form a flap thereby, said latter flap serving as a guide for said former flap during its insertion through said slots, and the side walls of said slot at the termination of said parallelism serving as a wedge for said first mentioned flap after said guidance by said second mentioned flap.

MICHAEL L. P. HAGERTY.