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CONNECTING CLIP FOR MATCH AND CIGARETTE PACKAGES

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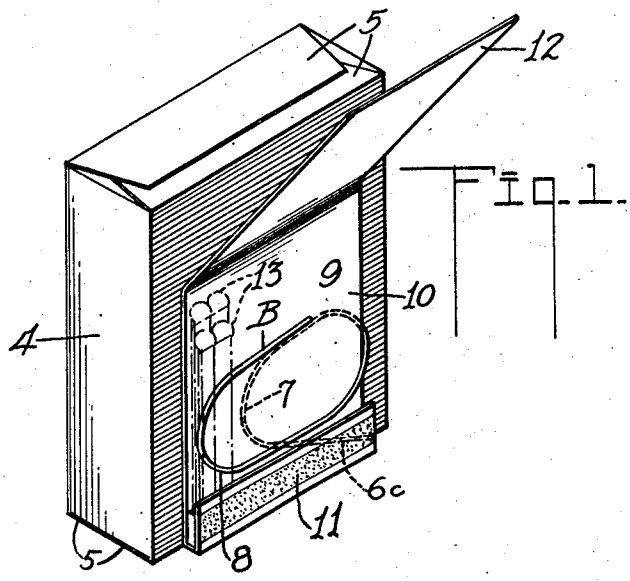


Fig. 1.

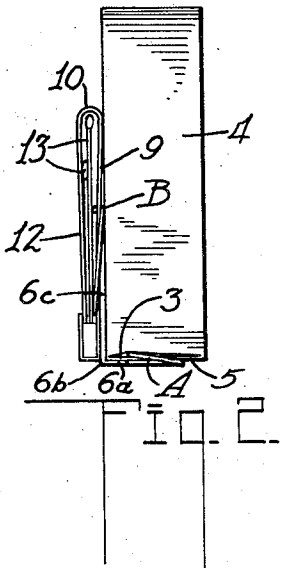


Fig. 2.

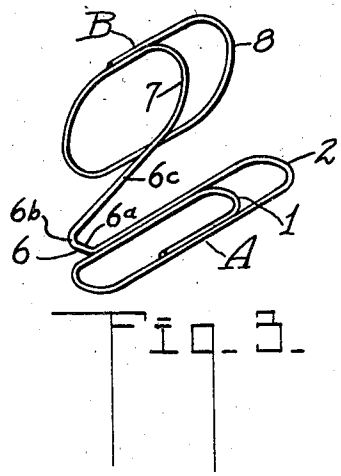


Fig. 3.

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CONNECTING CLIP FOR MATCH AND CIGARETTE PACKAGES

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2 Claims. (Cl. 206—48)

My invention relates to improvements in connecting clip for match and cigarette packages, and it consists of the combinations, constructions and arrangements hereinafter described and claimed.

An object of my invention is to provide a connecting clip for match and cigarette packages, which is preferably constructed from a single piece of spring wire and is formed into two clip portions, one portion being designed to engage with a cigarette package and the other portion being designed to engage with a match packet. The clip portions lie in planes which extend at an angle of slightly less than ninety degrees. This will cause the connecting clip to hold the match packet snuggly against the side of the cigarette package, and the match packet will be secured against accidental displacement. The device permits the free and ready use of the cigarette package when removing cigarettes therefrom and also permits the free and ready removal of matches from the match packet.

The clip portion that engages with the match packet is made broader than that which engages with the cigarette package. The device is extremely simple in construction and provides a novel means for quickly connecting a match packet to a cigarette package so that the two will function as a single unit.

Other objects and advantages will appear in the following specification, and the novel features of the device will be particularly pointed out in the appended claims.

My invention is illustrated in the accompanying drawing forming a part of this application, in which

Figure 1 is an isometric view of a cigarette package and a match packet showing the connecting clip securing the two together;

Figure 2 is an end elevation of Figure 1; and

Figure 3 is an isometric view of the connecting clip.

In carrying out my invention I provide a connecting clip having two clip portions indicated at A and B in Figure 3. The clip is formed from a single piece of spring steel wire, preferably of number 15 or 16 gage. The clip or coiled portion A has a looped end 1, lying in the same plane and cooperating with a looped end 2, designed to receive the edge 3 of a cigarette package 4, see Figure 2. The edge 3 is gripped by the looped portions 1 and 2 and is formed by bent-over portions 5 of the cigarette package and these portions close the bottom of the package.

The clip or coiled portion B extends at an angle to the plane of the coiled portion A which is slightly less than ninety degrees. The clip portion B is connected to the portion A by an intermediate wire piece portion 6. The portion 6 of the wire has a short section 6a extending at right angles to the longitudinal axis of the clip portion A and lying in the same plane as the clip or coil A. This will position a corner portion 6b at the corner of the cigarette package, and therefore the inclined portion 6c of the wire will lie flat against the face of the cigarette package. The clip portion B has a looped end 7 preferably spaced from a looped end 8. The loops 7 and 8 normally lie in the same plane and they are sprung slightly apart when receiving the back 9 of a match packet 10, see Figure 1. Since the back 9 is larger in area than the bottom of the cigarette package, the clip portion B may be broader in width than the clip portion A. The match packet is of standard design and contains a striking surface 11 for matches and a cover flap 12 that may be moved into a position to enclose the matches 13. Figure 2 clearly illustrates how the match packet 10 is snugly held against the cigarette package 4 by means of the connecting clip.

From the foregoing description of the various parts of the device, the operation thereof may be readily understood.

The connecting clip is designed to quickly, conveniently and solidly attach the common paper match packet to a cigarette package. The connecting clip will not occupy any appreciable additional space when securing the two articles together and the two articles will occupy a minimum of space when so attached and will to all intents and purposes constitute a single package from which cigarettes or matches may be freely and readily removed at will. The connecting clip will securely hold the two articles together regardless of the fullness or the emptiness of the cigarette package or of the match packet. This is true because both coils A and B grip thin portions 5 and 10 of the cigarette and match package respectively and these portions are not affected by the removal of cigarettes or matches. The connecting clip may be quickly attached to both articles without mutilating either, and may be removed therefrom at will for connecting two new units together. The clip portion B does not interfere with the normal removal of matches 13 from the match packet and the striking of these matches on the surface 11. The clip portion B

is designed to be disposed in back of the matches 13.

While I have shown only the preferred form of my invention, it should be understood that various changes or modifications may be made within the scope of the appended claims without departing from the spirit of the invention.

I claim:

1. The combination with a cigarette package having one end closed by a layer of paper and a match packet having a heavy paper backing, of a connecting clip for firmly securing the two together regardless of whether the contents of the packages are filled or partially filled, said clip comprising two coils connected together, each having clamping members lying in one plane, the planes of the two coils extending substantially at right angles to each other, the clamping members of one coil gripping both sides of the layer of paper closing an end of the cigarette package, and the clamping members of the other coil gripping both sides of the paper backing of the match packet.

2. A connecting clip for securing a match packet to a cigarette package and comprising a length of spring wire bent to form a coil presenting clamping elements lying in the same plane and adapted to receive and grip the layer of paper forming the end of a cigarette package, a spring arm extending from the coil and being bent to form a second coil having clamping elements lying in the same plane, the plane of the second coil making an angle with the plane of the first coil that is slightly less than a right angle, the clamping elements in the second coil being designed to receive and grip the back of a paper packet of matches and to hold the packet against one side of the cigarette package.

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