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CIGARETTE IGNITING DEVICE

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Fig. 1

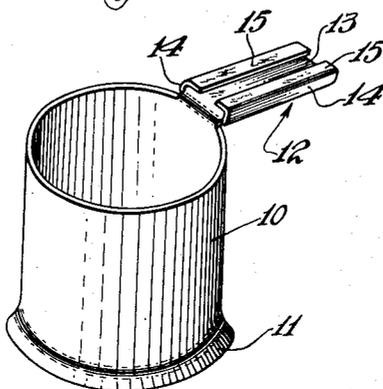


Fig. 2

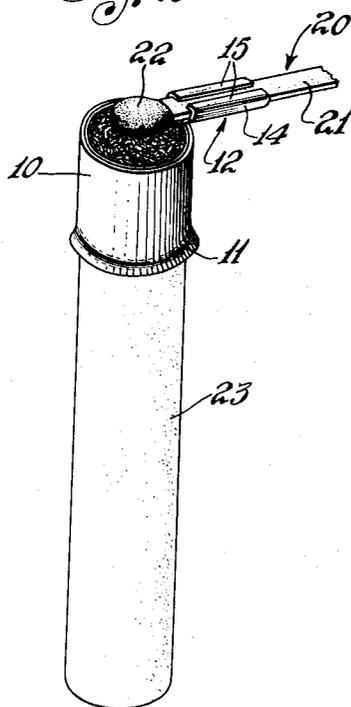
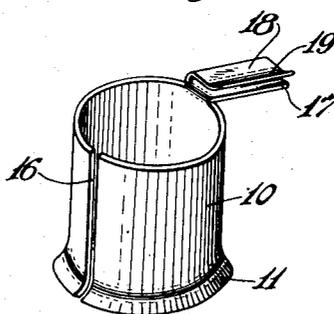


Fig. 3



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CIGARETTE IGNITING DEVICE

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2 Claims. (Cl. 131-170)

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This invention relates to novel articles of manufacture and is directed to novel devices which may be demountably coupled with a cigarette, cigar, pipe or the like and employed in the lighting thereof, and is especially useful for that purpose in a strong wind. The novel devices of this invention may be produced at a very low cost, have a long life and are simple to use.

Fig. 1 is a perspective view of a device embodying the invention.

Fig. 2 is a perspective view of the embodiment shown in Fig. 1 coupled with a conventional cigarette and having a match of any of the conventional types coupled therewith and in operative position.

Fig. 3 is a perspective view of a device embodying the invention and being a modification of that shown in Fig. 1.

As shown in Fig. 1, one embodiment of the invention comprises a short cylinder, band or tube 10 whose inside diameter is slightly less than the outside diameter of a conventional type cigarette. The normally lower end of the tube 10, which is preferably composed of metal or other non-combustible material which may be non-metallic, such as a thermoset non-combustible resin, may be flared outwardly at 11 to provide an entry or mouth for the tube 10. Integral with, or in any other manner secured to the tube 10 at or near the normally upper periphery thereof is a match holder or channel 12 which consists of a short narrow base plate or support 13 having upwardly extending sides 14 and top inwardly extending narrow lips 15 whose longitudinal edges may either be contiguous or preferably as shown spaced from each other. The end of channel 12 close to tube 10 may be flared outwardly to provide a mouth for ready insertion of a match. The distance of the lips 15 from the base 13 may be equal to or slightly less than the thickness of the stem of the conventional "book-type" match. However, it is to be understood that said distance may also be equal or slightly less than twice the thickness of said stem so that two matches may be used in place of the single one as shown in the illustration. Thus, said distance is equal to or slightly less than an integral multiple of the thickness of said stem. The channel 12 is disposed at an angle to the longitudinal axis of the tube 10, said angle being no greater than 90° and no less than 60°. For most purposes the channel 12 extends outwardly and downwardly at a slight angle from the upper edge of tube 10. It is to be understood that the shape and size of the opening through the match holder 12 may

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be varied depending upon the type of stem of the match to be employed therewith. If desired the tube 10 may be a straight cylinder without the flaring 11, or it may be tapered, and it may also be split along the length thereof as shown in Fig. 3, to provide an elongated opening 16 so as to provide a resilient ring for accommodating cigarettes, cigars etc. of different diameters and shapes. Also as shown in Fig. 3, another type of match holder may be employed and as there shown, said holder may comprise a channel with a base 17 having a fold-over plate 18 whose outer free edge 19 is flared upwardly for match insertion.

The novel devices of this invention may be used in the following manner: a match 20 is torn from a book of matches and its stem 21 is end-inserted into the match holder 12 of Fig. 1, or side-edge-inserted in match holder of Fig. 3 and adjusted in either case so that its head 22 is located just above the center of the normal upper end of the tube 10. Then one end of a cigarette 23 is inserted into the tube 10, and one extremity thereof is located a short distance below the upper periphery of the tube 10, and is in contact with the head 22 of the match.

The assembly is gripped by the thumb and forefinger with the outer end of stem 21 folded downwardly and held between the forefinger and middle finger and drawn across a match striking surface, whereupon the match is ignited and by drawing on the cigarette it is ignited. This may be accomplished even in a strong wind. Then the device together with the used match is removed from the lighted cigarette and the used match is removed from the device. If desired the used match may first be withdrawn from the device and then the device is removed from the lighted cigarette.

While this invention has been described in detail, it is not to be limited to the exact construction shown, because it is susceptible to various changes and modifications.

I claim:

1. A device of the class described comprising a tube for receiving an end of a cigarette or the like to be lighted and a match stem receiving and holding channel secured to said tube at one end thereof, said channel extending substantially entirely outwardly from said tube in a direction away from the longitudinal axis of said tube, said channel being disposed at an angle of about 60° to 90° to the longitudinal axis of said tube.
2. A device of the class described comprising a tube for receiving an end of a cigarette or the

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like to be lighted and a match stem receiving and holding channel secured to said tube at one end thereof, said channel extending substantially entirely outwardly from said tube in a direction away from the longitudinal axis of said tube, said channel being disposed at an angle of about 60° to 90° to the longitudinal axis of said tube, the end of said tube remote from said channel being flared outwardly, said tube being split along the entire length thereof.

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