

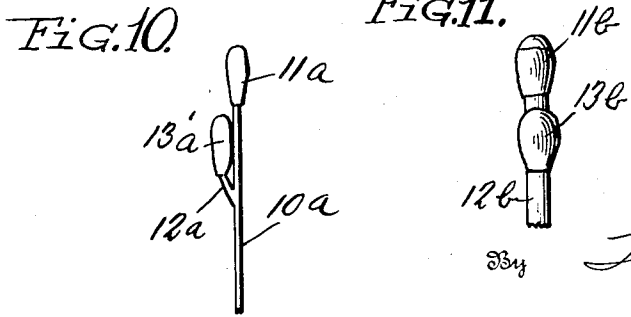
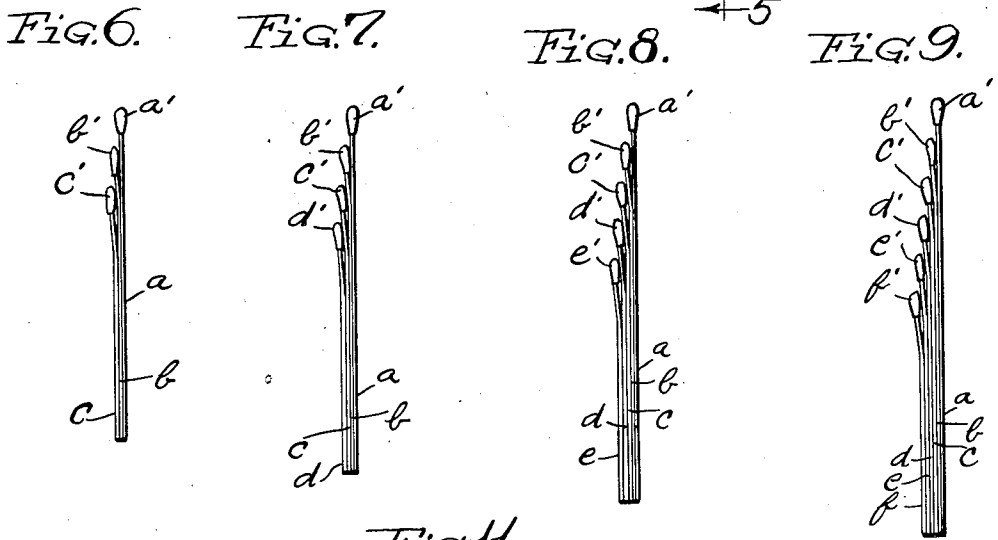
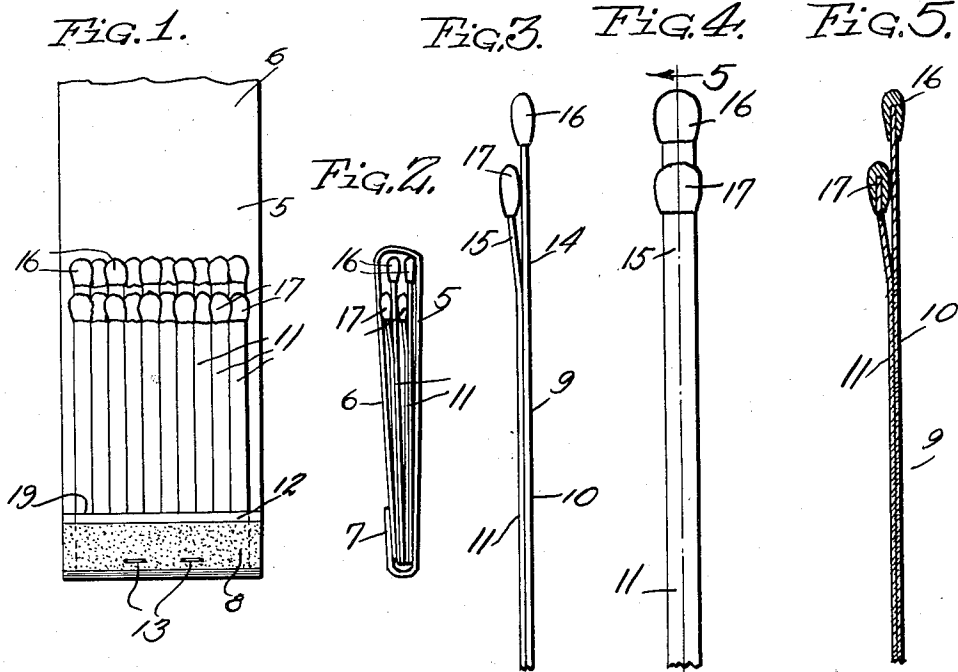
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MATCH

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MATCH

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1 Claim. (Cl. 44-42)

This invention relates to improvements in igniting devices known as matches and the primary object of this invention, is to provide a match having formed on one end two or more igniting members adapted to be ignited successively to insure the lighting of cigars, cigarettes, etc.

A further object of this invention, is to provide a match of the above-mentioned character formed of a pair of match sticks or strips secured together by an adhesive in such a fashion that they fulminate and will be of different lengths whereby the match may be ignited by moving the same over a friction surface causing the ignition of the outermost match head which ignition causes the flaring of the next adjacent match head.

Other objects and advantages of the invention will become apparent during the course of the following description forming a part of the specification wherein:

Figure 1 is a top elevation of a match booklet commonly known as the strip type,

Figure 2 is an end elevation of the match booklet shown in Figure 1 illustrating the embodiment of this invention,

Figure 3 is a side elevational view of one of the match splints showing the same greatly enlarged and illustrating the pair of match heads secured to the end of the splint,

Figure 4 is a front elevational view of the match splint further illustrating the double match head,

Figure 5 is a vertical cross sectional view taken on line 5-5 of Figure 4 looking in the direction of the arrows illustrating the pair of match heads secured to the bifurcated end of the splint,

Figure 6 is a side elevational view of a modified form of the invention,

Figure 7 is a side elevational view of a still further modified form of the invention,

Figure 8 is a side elevational view of a further modified form of the invention in which five fulminating heads are employed to the built up splint,

Figure 9 is a side elevational view illustrating the match splint built up to accommodate six fulminating heads,

Figure 10 is a side elevational view of a further modified form of the invention in which the match splint is of the wood or fibre type having an extension for accommodating the second fulminating head, and

Figure 11 is a front elevational view partly broken away of the form of the invention shown

as applied to an ordinary match, further illustrating the arrangement of the supplementary fulminating head.

In the drawing, wherein for the purpose of illustrating the invention and wherein like reference characters will be employed to designate like parts throughout the same, the reference character 5 in Figures 1 and 2 will generally be employed to designate a match packet having the flap 6 and the overturned edge 7 provided with a friction surface 8.

In the conventional match packet the strips of matches are cut into the desired length and one edge of the strip is secured between the overturned edge 7 and held in place by suitable staples. In the present form the match splints 9 are formed of a pair of strips 10 and 11 secured to strips 12 fastened between the overturned edge 7 of the booklet 5 and the back portion by means of staples 13. The match splint 9 is formed by preferably gluing the strips 10 and 11 together by an adhesive to a point close to the heads 14 as shown in Fig. 3 whereby the strip 11 separates from the strip 10 and extends outwardly therefrom as at 15. The upper end of the strip 10 is provided with a fulminating head 16 while the extension 15 is provided with a fulminating head 17 in spaced relation to the first mentioned fulminating head.

Figures 3, 4 and 5 clearly illustrate the match splints in enlarged detail after it has been broken from the strip 12 at the scored point 19.

In Figures 6 to 9 inclusive is illustrated a match splint formed according to this invention similar to the splint shown in Figures 1 to 5 with the exception that in Figure 6 the splint is formed of strips *a*, *b* and *c* provided with fulminating heads *a'*, *b'* and *c'* respectively.

In Figure 7 the splint is composed of sections *a*, *b*, *c*, and *d* having fulminating match heads *a'*, *b'*, *c'*, and *d'*.

In Figure 8 there is illustrated another form of the invention in which the splint is composed of strips *a*, *b*, *c*, *d*, and *e* having spaced fulminating heads *a'*, *b'*, *c'*, *d'*, and *e'* and in Figure 9 the match splint may be composed of sections *a*, *b*, *c*, *d*, *e*, and *f* having fulminating heads arranged in a stepped fashion designated by the reference characters *a'* to *f'* inclusive.

Figure 10 illustrates the invention as applied to a conventional wood splint match including a splint 10*a* having the usual fulminating head 11*a* and said splint 10*a* is provided with an extension 12*a* midway between its ends whereby the supplementary fulminating head 13*a* may extend up-

wardly into juxtaposition with the usual fulminating head 11a. Figure 11 shows an ordinary match 12b having a fulminating tip 11b provided with a supplementary flaring head 13b.

5 It is to be understood, that the form of the invention as shown in Figures 1 to 9 inclusive may be formed by dipping the ends of the strips into the fulminating solution and thereafter cementing the strips together or the strips may
10 be first cemented and thereafter dipped in the fulminating solution. It has been found preferable to form the match splints by pasting two strips of cardboard or the like together thereafter
15 splitting the cardboard into strips corresponding to the size of the match splints desired and then applying the fulminating solution to the end of the paper splints thus formed.

It is to be understood, that the form of the

invention herein shown and described is to be taken as the preferred embodiment of the invention and that various changes in the shape, size and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claim. 5

Having thus described the invention, what I claim is:—

A match comprising a flexible stem, a fulminating head at the outer end thereof and a second
10 fulminating head on the stem laterally thereof and contacting the stem with the outer end of the second head terminating in proximity of the inner end of the outer head whereby the second
15 head will be ignited when the outer head is substantially consumed.

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