

(No Model.)

F. W. FARNHAM.

MATCH.

No. 303,564.

Patented Aug. 12, 1884.

Fig 1.

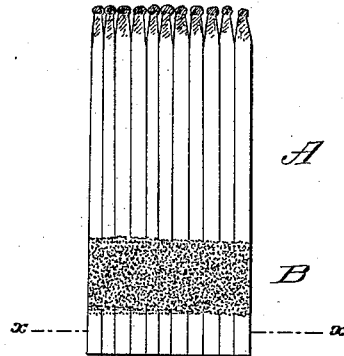
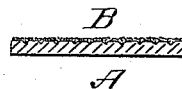


Fig. 2.



Attest.

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UNITED STATES PATENT OFFICE.

FREDERICK W. FARNHAM, OF WHITE MILLS, PENNSYLVANIA, ASSIGNOR TO
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MATCH.

SPECIFICATION forming part of Letters Patent No. 303,564, dated August 12, 1884.

Application filed October 18, 1883. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK W. FARNHAM, of White Mills, in the county of Wayne and State of Pennsylvania, have invented a new and useful Improvement in Matches; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention relates to an improvement in matches. The improvement is applied to that class of matches, long manufactured, wherein a flat block of wood is partially slit from end to end at such intervals as to form a number of matches, which can be readily and successively separated with a slight effort from the rest of the block. A long block of this kind can thus be separated into lengths of convenient size to be carried in the pocket, obviating the necessity of using a box, without requiring the matches to be carried loosely in the pocket.

My invention consists in combining with a flat plate composed of matches, connected at one end and adapted to be separated, a layer or covering of a frictional or igniting composition on the side thereof. This coating may be composed of simple frictional material upon which the ordinary match will ignite—such as sand—secured by glue or other means; or it may consist of any suitable safety or chemical igniting composition adapted to ignite a particular kind of match.

I have illustrated my invention in drawings, which show in Figure 1 a front view of a series of connected matches with my improvement applied thereto, and in Fig. 2 a section.

A represents a section of a block of wood, which, by means of knives or saws, is slit up into flat strips composed of a number of matches, which are partially separated from one another, as shown. The heads of these matches are tipped with any suitable igniting composition. A portion of the face of the strip of matches is covered with a frictional composition, B. This may be composed of suitable material, such as sand; or if the match

is of the "safety" kind it should be the appropriate chemical compound which will ignite such match.

The strip may be carried conveniently in the pocket, and as each match is used it is ignited on the frictional surface. The last match may be broken in two and ignited on the other half, or in the customary manner, if more convenient.

The igniting compound may be applied at any part of the surface of the strip; but I prefer to place it at the base of the matches, where the strip is solid.

I do not confine myself to any particular manner of making the match or of applying the composition, nor to any particular kind of composition, the kind of match being well known and the composition a matter of choice.

In making the matches I prefer to form the grooves which separate the respective matches to run the entire length of the strip, as shown, so as to insure the separation of the matches without danger of their breaking off.

I am aware that single matches have been provided with an ignitable and a frictional composition, so that the head of one match can be rubbed lengthwise on the body of another, or a match can be broken and the ignitable end rubbed on the other portion; and I make no claim to either of these devices.

What I claim is—

As a new and complete article of manufacture, a piece of wood so slit as to form partly-separated matches, each match being tipped with an ignitable composition, and the piece or strip being partly covered with a frictional composition, all for the purposes set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FREDERICK W. FARNHAM.

Witnesses:

F. G. FARNHAM,
E. A. FARNHAM.