

June 19, 1923.

1,459,033

C. L. PFERSCH

BOOK MATCH

Filed April 23, 1920

Fig. 1.

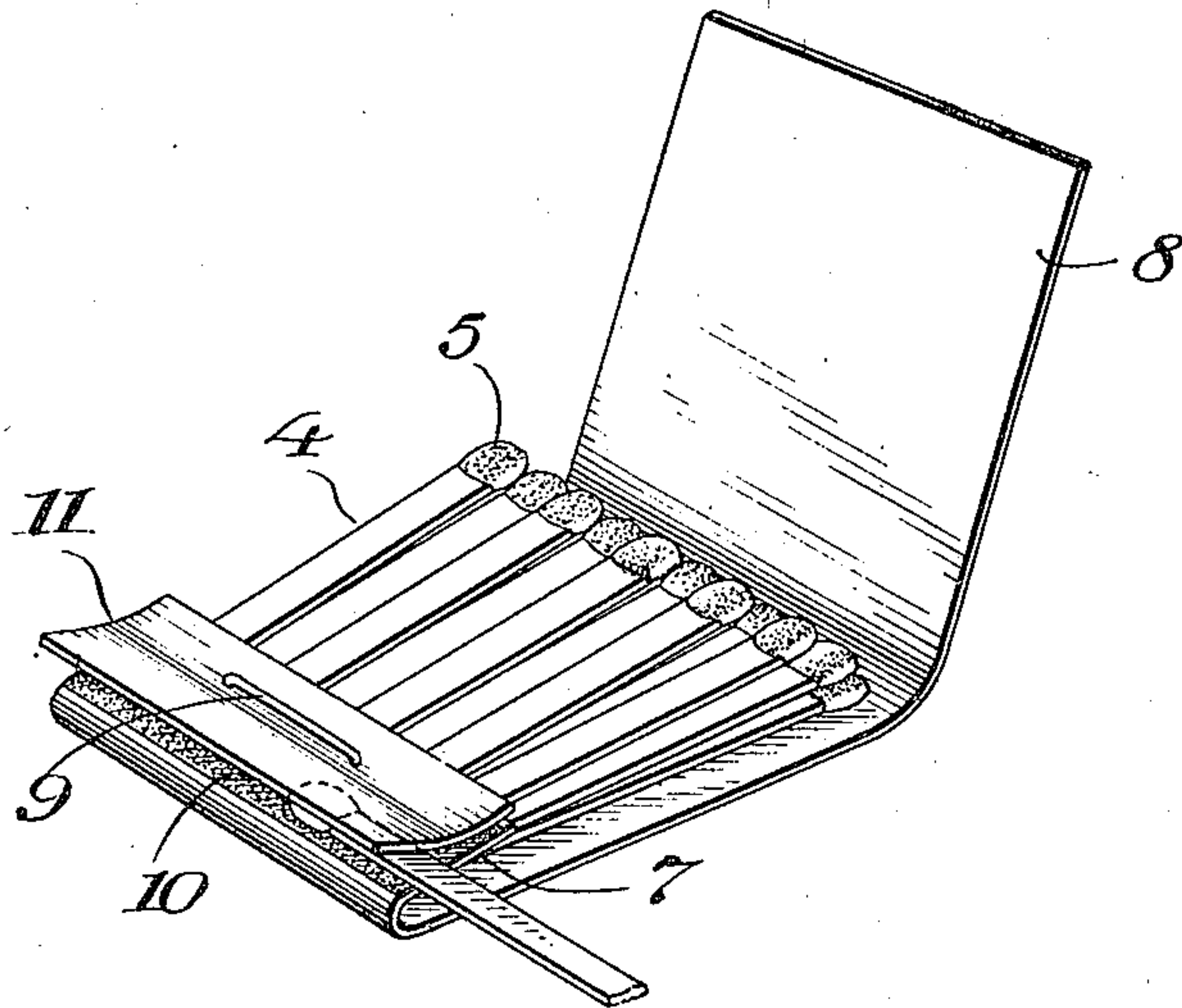
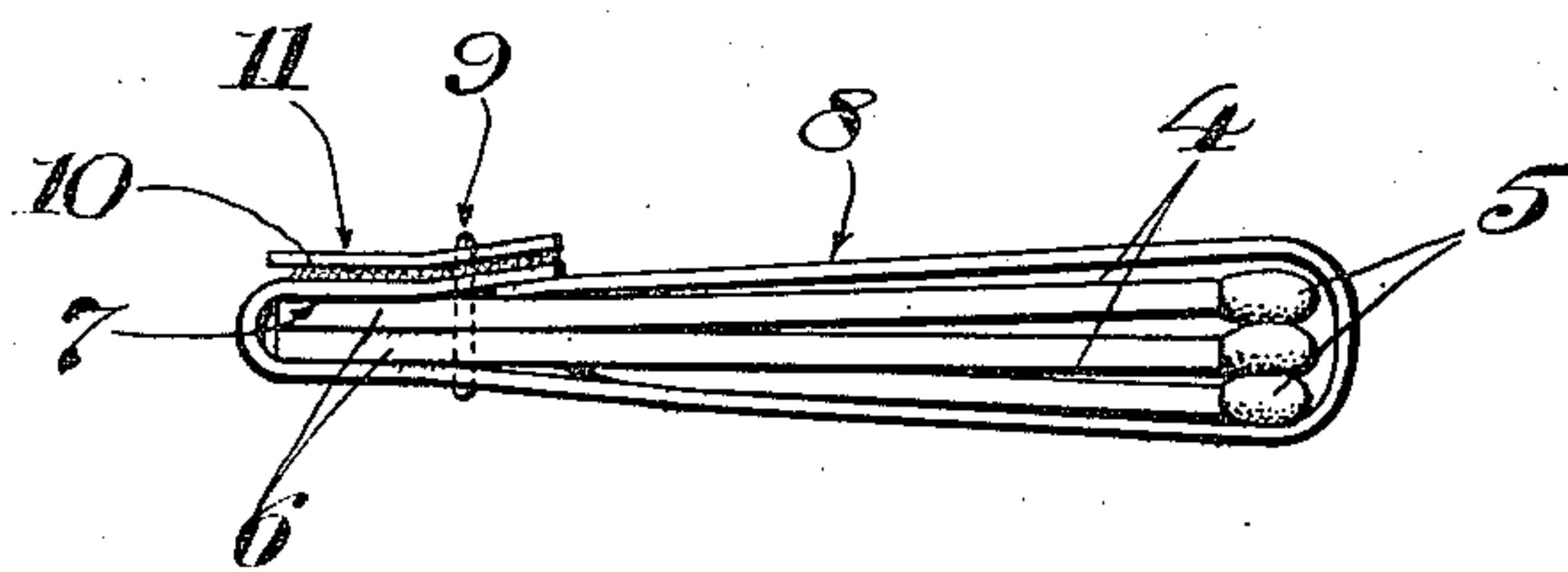


Fig. 2.



Inventor:
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by his Attorney
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UNITED STATES PATENT OFFICE.

CLARENCE L. PFERSCH, OF BARBERTON, OHIO, ASSIGNOR TO THE DIAMOND MATCH COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

BOOK MATCH.

Application filed April 23, 1920. Serial No. 375,953.

To all whom it may concern:

Be it known that I, CLARENCE L. PFERSCH, a citizen of the United States, and resident of Barberton, in the county of Summit and State of Ohio, have invented certain new and useful Improvements in Book Matches, of which the following is a specification.

This invention relates to matches, and more especially to that variety of matches commercially known as "book-matches" wherein matches in card form are associated with a flexible book-like cover having at its respective ends relatively long and narrow folds, whereof the narrow fold, provided with an external coating of ignition material, is bent upon and fastened to the marginal portions of the match cards, and whereof the longer fold constitutes a cover flap which is designed to be folded upon the matches and to be temporarily retained in folded position thereon by tucking the free end of the flap under the corresponding edge of the narrow fold. To use the matches they are individually torn from the marginal portion of the card and their heads then struck, by a sharp stroke, on the exposed ignition surface of the cover. This striking operation frequently results in the accidental breaking of the match splint, and also in the accidental ignition of the heads of the attached matches (if the cover flap be carelessly left open) by the spark or flare from the ignited match. The ignition material, being unprotected, is frequently detrimentally affected by its absorption of moisture when the package is carried in the pocket of the user, especially during warm weather; and when two books are loosely carried in the same pocket the exposed ignition material of one book is liable to accidentally ignite by rubbing friction, the match heads of the other book in the event of the cover flap of the latter being or becoming released and thus exposing the match heads.

The principal object of my invention is to overcome the objections above mentioned, and to that end I provide the coated cover fold with a flexible protective flap between which and the underlying coated surface, the head of a match to be ignited can be readily inserted, and pressure then applied by the fingers to such flap in such a manner that when the match is pulled out the head thereof will be effectually ignited by the ignition material; the attachment of the protective

flap to the ignition cover fold being such as to permit the main cover fold to be tucked beneath the free edge of the ignition fold, all as will be hereinafter described and claimed.

In the drawings—

Figure 1 is a perspective view of a form of match package embodying my invention, the main cover flap being represented as open, and the operation of striking a match being indicated.

Fig. 2 is a side view, enlarged, of the closed package.

In the form of book-match package illustrated in the drawings, the match cards (two of which are usually superposed) comprise groups of match splints 4 having ignitable heads 5 and basal connecting or marginal portions 6, and the cover comprises a strip of cardboard or thick paper whereof one end is folded (as at 7) upon and secured to the margins of the match cards to constitute, in effect, a pocket fold therefor, and whereof the other end is extended beyond the heads of the matches to constitute a flexible cover flap, as 8, which may be folded over upon the match cards. The pocket fold 7 is fastened to the margins of the cards, usually by a clenched staple 9, and such fold is provided with an external coating of frictional ignition material, as 10. The cover flap is, or may be, temporarily held in folded position by tucking its free end under the stapled fold.

In pursuance of my invention I impose on and fasten to the upper or coated surface of the fold 7 a supplemental strip 11, usually of cardboard or relatively thick paper, which strip is preferably secured in place by the same staple, 9, that unites the cover and cards. The staple is applied to the body of the strip, slightly below the inner longitudinal edge of the latter, in order that the attached strip shall present a protective flap-like member between which and the coated surface of the cover, the head of a match can be readily inserted, as illustrated in Fig. 1. With its head thus inserted, and the flap pressed down thereon by the thumb or finger of the user, the match can be longitudinally pulled in such a manner as to effect easy ignition of the head, without liability of bending or breaking the match splint.

The staple 9 is applied a sufficient distance below the free edge of the coated fold in

order to permit the end of the main cover flap to be tucked under the stapled fold, as illustrated in Fig. 2.

Although the device above described is
5 exceedingly simple, I am enabled thereby to attain the beneficial object of my invention hereinbefore mentioned. In addition, the protective strip improves the appearance of the package and affords thereon additional
10 space for advertising or other printed matter.

I claim—

1. In a match package having a cover portion including an integral end fold provided with an external coating of ignition
15 material, a flexible protective flap mounted on said fold and constituting a permanent part thereof, said flap overlying the said ignition material and having a free lower portion whereby the said flap can be flexed and
20 the head of a match inserted between the flap and the ignition material.

2. In a match package having a cover portion with an external coating of ignition
25 material thereon, a strip imposed on and permanently secured slightly below its inner longitudinal edge to said cover portion to provide a flexible protective flap overlying the said ignition material with the outer longitudinal edge and both ends of the flap free.
30

3. A match package comprising a card of matches having a marginal portion, a cover having an end portion folded upon and secured to the marginal portion of the card

and having also an extension adapted to be
35 flexed about the match heads and tucked beneath the marginal fold of the cover, said fold having on its exterior surface a coating of igniting material, and a strip imposed on and permanently secured slightly below its
40 inner longitudinal edge to said marginal fold to provide a flexible flap overlying the coated surface with the outer longitudinal edge and both ends of the flap free.

4. A match package comprising a card of
45 matches having a marginal portion, a cover having an end portion folded upon and secured to the marginal portion of the card and having also an extension adapted to be flexed about the match heads and tucked be-
50 neath the marginal fold of the cover, said fold having on its exterior surface a coating of igniting material, and a strip imposed on said marginal fold to provide a flexible flap overlying the coated surface, said strip and
55 fold, together with the marginal portion of the card, being united by a common staple which penetrates the strip intermediate its longitudinal edges, whereby the outer longitudinal edge and both ends of the strip are
60 free, and whereby also the cover extension can be tucked beneath the free inner longitudinal edge of the marginal fold of the cover.

Signed at Barberton, in the county of
Summit and State of Ohio, this 19th day of
April, A. D. 1920.

CLARENCE L. PFERSCH.