Aug. 15, 1961 T. WILL 2,996,173

BOOK MATCH FOLDERS

Filed July 30, 1959 2 Sheets-Sheet 1

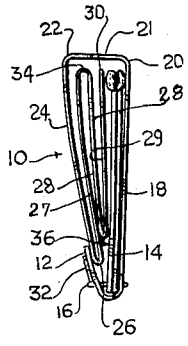


Fig. 2.

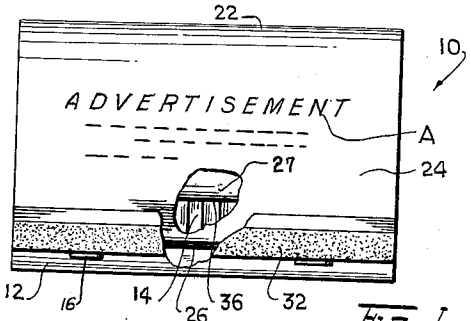


Fig. 1.

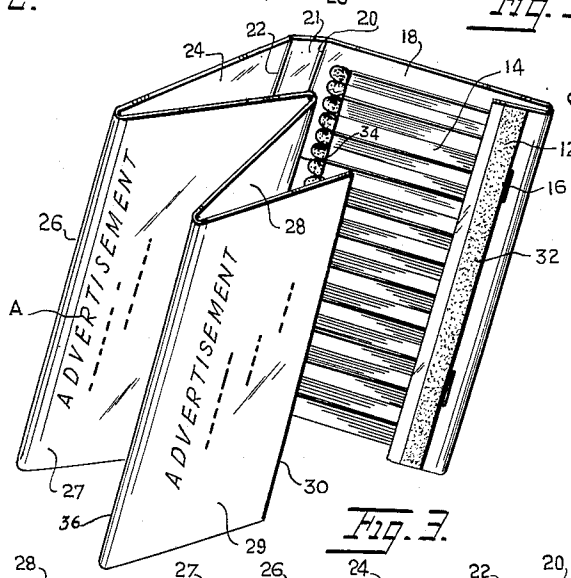


Fig. 3.

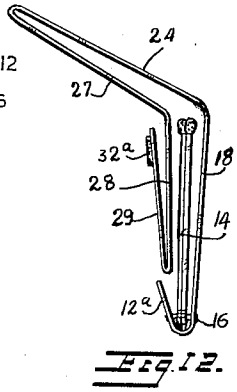


Fig. 12.

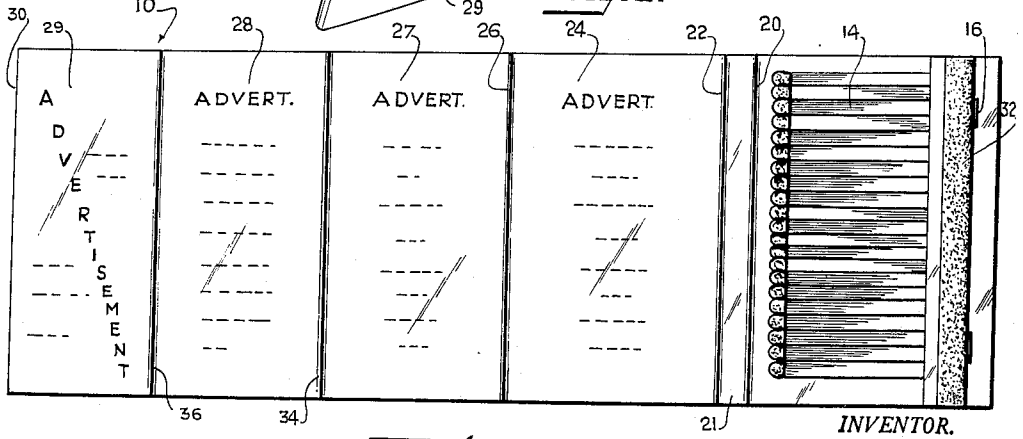


Fig. 4.

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BOOK MATCH FOLDERS

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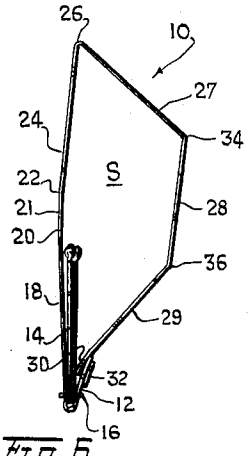


Fig. 6.

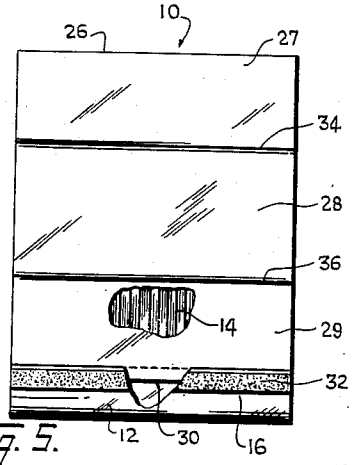


Fig. 5.

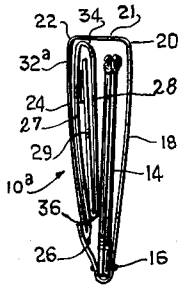


Fig. 7.

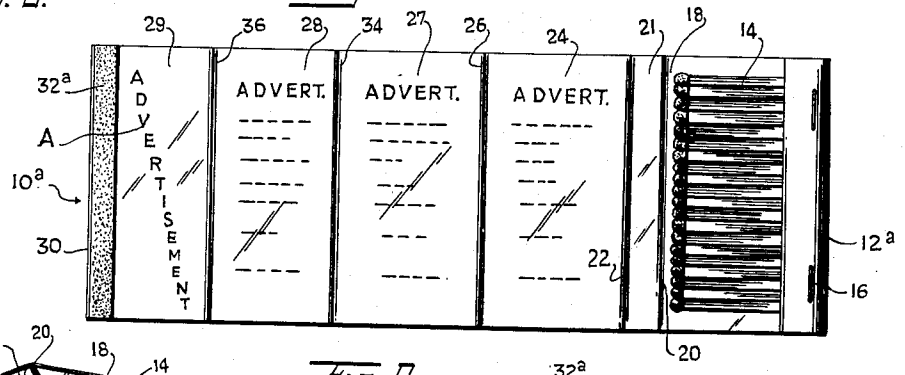


Fig. 8.

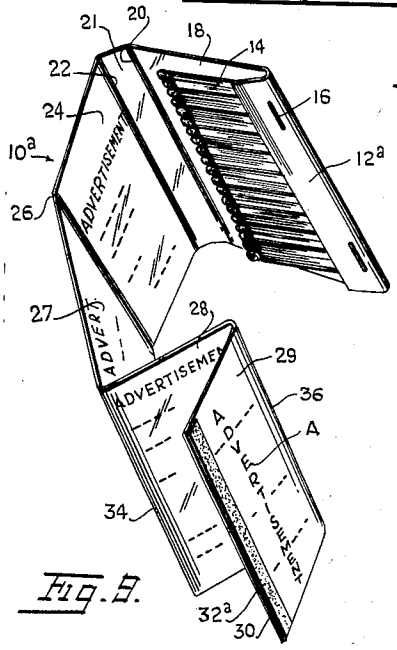


Fig. 9.

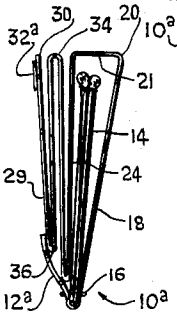


Fig. 11.

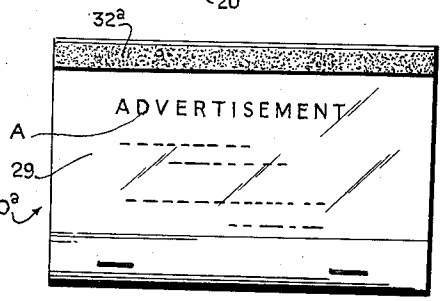


Fig. 10.

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2,996,173
BOOK MATCH FOLDERS

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Filed July 30, 1959, Ser. No. 830,541
2 Claims. (Cl. 206—29)

This invention relates to the art of match book folders and particularly concerns an improved folder having a lengthened inner shield folded upon itself. And this invention is an improvement over my Patent No. 2,784,838, issued March 12, 1957. This application is a continuation-in-part of my copending application, Serial Number 743,919, filed June 3, 1958, now Patent 2,933,181, dated April 19, 1960.

It is a principal object of the present invention to provide a match book folder with an inner shield, said shield including a portion folded upon itself to form a double layered protective member.

A further object is to provide a match book folder with an elongated inner shield folded upon itself to form two panels, with a match striking element provided upon one of the two panels.

According to the invention there is provided a match book folder preferably formed from a single strip of stiff paper or cardboard. The strip is elongated to provide a plurality of folded rectangular panels adapted to carry advertising subject matter. The end of the strip forms an elongated shield member adapted to protect the matches while striking a loose match. The strip may be provided with accordion type folds or with flat, roll type folds. A striking surface may be provided upon the free end of the strip. In fully folded condition the strip with its shield effectively protects the matches from moisture.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

FIG. 1 is front elevational view of a match book folder embodying the invention, with portions broken away to show internal parts.

FIG. 2 is an end elevational view of the folder.

FIG. 3 is an end perspective view of the folder in partially folded condition.

FIG. 4 is a plan view of the folder in fully open condition.

FIG. 5 is an elevational view of the folder in position withdrawing a match therefrom, parts being shown broken away.

FIG. 6 is an end elevational view of the folder in FIG. 5.

FIG. 7 is an end elevational view of a folder embodying a modified form of the invention, in normal folded condition.

FIG. 8 is a plan view of the folder of FIG. 7 in fully open condition.

FIG. 9 is a perspective view of the folder of FIG. 7 in partially folded condition.

FIG. 10 is an elevational view of the folder of FIG. 7 showing one way of folding the folder for striking a match thereon.

FIG. 11 is an end elevational view looking from the right of FIG. 10.

FIG. 12 is a view of the folder of FIG. 7 in open position for striking a match thereon.

In FIGS. 1–6 there is shown a match book folder **10** formed from a single strip of rectangular, flexible paper or cardboard. One end of the strip is folded to form a flap **12** in which are secured layers of paper matches **14**. Staples **16** are inserted through the flap and bases of the

matches to maintain secure engagement of the matches therein. The matches are backed up by a rear rectangular panel **18** which is bounded by a transverse fold **20**. Spaced a short distance from fold **20** is another transverse fold **22** which forms with fold **20** a top end panel **21** for the completely folded folder as shown in FIG. 2.

A further panel **24** adjoins panel **21** and is defined between folds **22** and **26**. The remainder of the strip between fold **26** and the free edge **30** constitutes a detachable shield for the matches when the match striking element or area **32** on flap **12** is to be struck. In normal closed position, as shown in FIGS. 1 and 2, panel **24** is at the front of the folder and panel **18** is at the rear.

The shield includes panels **27**, **28**, **29** defined by folds **26**, **34** and **36** and the free edge **30**. The shield is folded with an accordion type of fold, each fold in the shield being reversed as clearly shown in FIGS. 2 and 3. The end of the shield between fold **34** and the end **30** is folded in half upon itself with panels **28**, **29** juxtaposed. Then panels **24** and **27** are juxtaposed by the reverse fold **26**. The shield is approximately the length of the front cover panel, the top cover panel **21**, and rear cover panel **24**.

The outer end panel **29** when folded serves as a pop-up device as it springs automatically outwardly against the matches and carries the middle panel **28** outwardly with it. The panel **29** continues outwardly or forwardly toward flap **12** to cover the matches, its free end **30** sliding forward and engaging under flap **12**, thereby forming a triangular raised sloping shield affording complete protection to the user against inadvertent flare-up of the remaining matches and providing easy access to the matches.

FIGS. 5 and 6 show how the folder can be arranged with the end **30** tucked into the flap **12** between the matches and the flap. This provides between panels **24** and **28** a large space S which permits the user to tear out a match easily through a side of the folder. Then the match can be struck on the striking area **32** without exposing the other matches to the flame. After the match is lit, the user can release end **30** and refold the folder to the position shown in FIGS. 1 and 2.

In the fully folded condition of FIG. 2 four layers or panels **24**, **27**, **28**, **29** overlie and cover the matches **14** which provide adequate protection for all normal conditions encountered.

The folder **10a** shown in FIGS. 7–11 has the match striking area **32a** mounted on the panel **29** adjacent the edge or end **30** of the strip which strip has panels and folds the same as for folder **10** and with the panels and folds similarly numbered. The arrangement of **24** and **27** juxtaposed at the front and with the end panel **29** behind panel **27**, and in front of panel **28**, as shown in FIG. 7. The striking area is omitted from flap **12a**. By raising the juxtaposed panels **24** and **27** above the panel **29**, the striking surface **32a** is exposed as shown in FIG. 12 and a match **14** extracted from the opening in the side may be struck on the surface **32a** for lighting.

FIGS. 10 and 11 show how the folder **10a** can be arranged to expose the striking area **32a** on the panel **29** at the front of the folder. The matches **14** will then be well protected within panels **20**, **21** and **24**. When so folded, the fold **36** will be engaged in flap **12a**. After a match is struck on area **32a**, the shield comprising folds **27**, **28**, **29** can be refolded to dispose panels **27**, **28**, **29** inside the folder as shown in FIG. 7.

When the folders are in the folded conditions of FIGS. 5, 6 and 10, 11 and 12, a match **14** can be struck while the other matches are protected from rain and weather.

All of the panels are adapted to carry advertising indicia A. The advertising messages can be printed on both sides of the rectangular body of the several folders **10** and **10a**.

While I have illustrated and described the preferred

embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and that various changes and modifications may be made within the scope of the invention as defined in the appended claims.

Having thus described my invention, what I claim as new, and desire to secure by United States Letters Patent is:

1. A match book folder formed by a substantially rectangular strip of flexible sheet material, said strip having a rectangular rear cover panel, a rectangular front cover panel, said panels being joined by a narrow cover panel providing a top cover end for the folder in fully folded condition, said panels forming a complete outer cover, said strip having one end folded on said rear cover panel to define a flap, a plurality of matches disposed between said flap and rear cover panel and having common bases stapled therebetween, said strip between and behind said front cover panel and the other end of the strip defining an inner shield member for said matches when the strip is in fully folded condition, said inner shield member being joined at one end of said front cover panel and having a pair of spaced folds defining three further rectangular panels between and behind said front cover panel and said other end of the strip, said folder in folded condition having four panels including the front cover panel in front of the matches, and a striking element disposed along the outer surface of said other end of the strip, said inner shield member having its three panels disposed in an accordion type fold with one fold of said pair of folds engaged in said flap, said strip being formed with another fold between the shield member and said front cover panel, said other fold being disposed behind said one fold and abutting said matches, said three-paneled shield being equal in length to the length of the combined front cover panel, top end panel, rear cover panel and flap.

2. A match book folder formed of a substantially rectangular strip of flexible sheet material, said strip having a rectangular rear panel, a rectangular front panel, said

panels being joined by a narrow panel providing a top cover panel for the folder in fully folded condition, said panels forming a complete outer cover, said strip having one end folded on said rear cover panel to define a flap, a plurality of matches disposed between said flap and rear cover panel and having common bases stapled therebetween, said strip between and behind said front cover panel and the other end of the strip defining an inner shield member for said matches when the strip is in fully folded condition, said inner shield member being joined at one end to said front cover panel and having a pair of spaced folds defining three further rectangular panels between said front panel and said other end of the strip, and a striking element disposed along the outer surface of said other end of the strip, said inner shield member having its three panels disposed in an accordion type fold with one fold of said pair of folds engaged in said flaps, said strip being formed with another fold between the shield member and said front cover panel, said other fold being disposed behind said one fold and abutting said matches, said inner shield member being detachable from said front panel at the end where attached leaving the outer cover completely covering the matches, the endmost panel of the three panel inner shield being adapted to spring outwardly against matches carrying the next adjacent panel therealong thus serving as a pop-up means, the end edge of the endmost panel being engageable under the flap affording a complete protection and ready access to the matches, said inner shield being equal in length to the length of the combined front panel, the top panel, the rear panel and flap.

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