May 5, 1970 Y. R. WOLL 3,509,989

COMBINATION PACKAGE

Filed Feb. 19, 1969

Fig. 1.

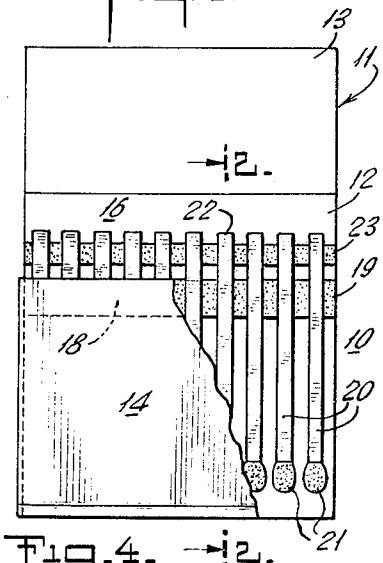



Fig. 2.

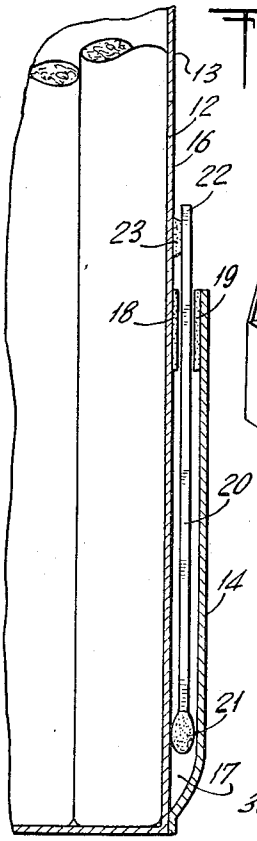



Fig. 3.

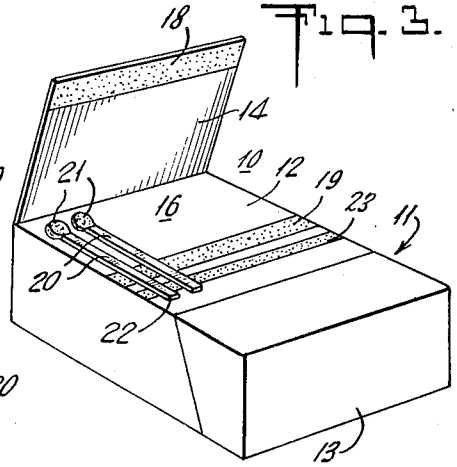



Fig. 4.

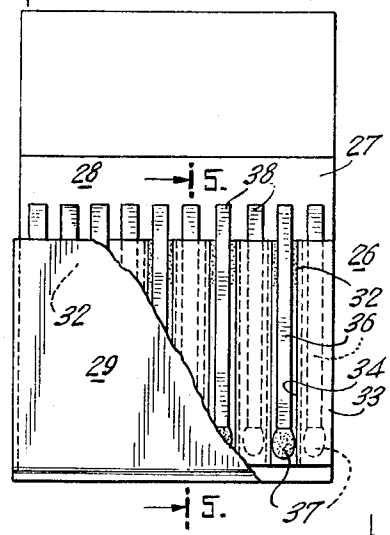



Fig. 6.

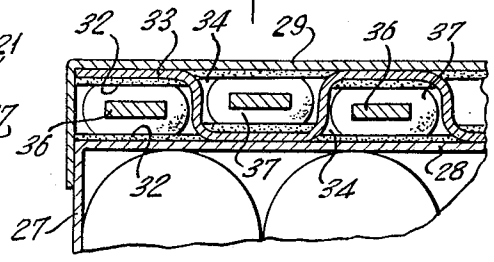



Fig. 5.

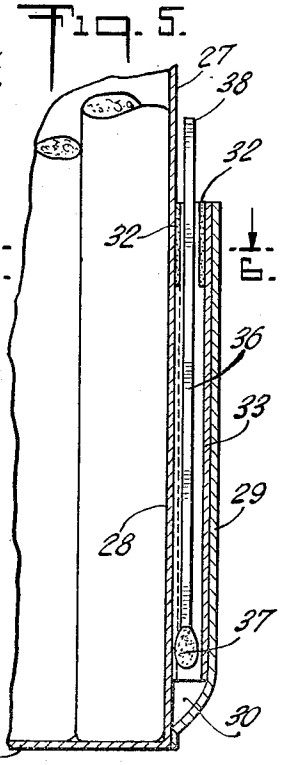



Fig. 7.

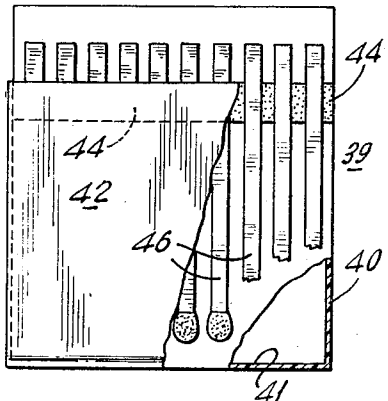
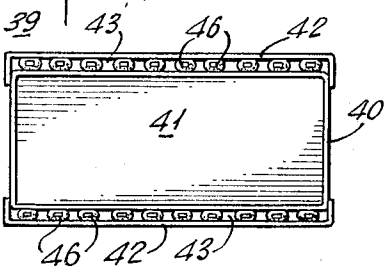



Fig. 8.




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3,509,989
Patented May 5, 1970



3,509,989

# COMBINATION PACKAGE

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Filed Feb. 19, 1969, Ser. No. 800,590
Int. Cl. B65d 79/00
U.S. Cl. 206—48 7 Claims

## ABSTRACT OF THE DISCLOSURE

A combination cigarette and match package includes a panel secured to a face of a cigarette package to define a pocket open at one end and closed at an opposite end. The confronting faces of the pocket are provided proximate its open end with striking surfaces and individually slideably separable matches are located in the pocket with their stems projecting beyond the pocket open end. The matches are separably retained in the pocket by spot gluing or by a corrugated sheet. The pocket may be located on a sleeve engaging the cigarette package.

## BACKGROUND OF THE INVENTION

The present invention relates generally to improvements in combination packages and it relates particularly to an improved combination cigarette and match package.

A cigarette smoker frequently finds himself with a package of cagarettes and no means for lighting them and very often, to avoid such a situation, is overburdened on his person with an excessive supply of matches as well as cigarette lighters. To obtain a lit cigarette is normally an awkward and inconvenient procedure. He must locate the cigarette package, open it, remove a cigarette and then close and return the cigarette package. Then he must find a match book, open it, separate a match, strike the match, light the cigarette, close the match book and return it.

Many expedients have been proposed to overcome the drawbacks accompanying the procedure attendant to the preparation of a cigarette for smoking but these likewise possess numerous disadvantages. It has been suggested to secure a conventional match book to a cigarette package and, while this assures the availability of matches with the cigarettes its use is highly inconvenient and leaves much to be desired.

## SUMMARY OF THE INVENTION

It is thus a principal object of the present invention to provide an improved combination package.

Another object of the present invention is to provide an improved cigarette and match package.

Another object of the present invention is to provide an improved cigarette and match package in which a match is available together with a cigarette package without the need for a separate and detached match package.

Still another object of the present invention is to provide an improved combination cigarette and match package in which the match is easily withdrawn from the package in an ignited ready to use condition.

A further object of the present invention is to provide a combination package of the above nature characterized by its adaptability, simplicity, reliability, low cost and attractive appearance.

The above and other objects of the present invention will become apparent from a reading of the following description taken in conjunction with the accompanying drawings which illustrate preferred embodiments thereof.



In a sense the present invention contemplates the provision of a combination comprising a cigarette package, means including a panel along a face of said package delineating a pocket provided with a transverse opening at one end thereof and having confronting inner faces, an abrasive striking surface located along one of said confronting inner faces proximate said open end and spaced from the opposite end of said pocket, and a plurality of transversely spaced longitudinally extending matches located in said pocket and having stems projecting through said open end and heads disposed between said striking surface and said pocket other end. Advantageously the panel is connected to the cigarette package along a transverse edge thereof remote from the pocket open end, and abrasive striking surfaces are provided on the confronting faces of the pocket proximate its open end. The match stems may be spot glued to a pocket face or may be housed in channels delineated by a corrugated sheet located in the pocket. The pocket may be positioned on a sleeve which engages the cigarette package.

The improved package provides, with the cigarettes, matches which are automatically ignited upon withdrawal thereof and is simple, attractive, reliable and of low cost.

## BRIEF DESCRIPTION OF THE DRAWING

FIG. 1 is a front elevational view of cigarette and match package embodying the present invention;

FIG. 2 is a sectional view taken along line **2—2** in FIG. 1;

FIG. 3 is a perspective view thereof with the pocket front panel detached along its sides and folded back;

FIG. 4 is a fragmented front elevational view of another embodiment of the present invention;

FIG. 5 is a sectional view taken along line **5—5** in FIG. 4;

FIG. 6 is a sectional view taken along line **6—6** in FIG. 5;

FIG. 7 is a front elevational view of still another embodiment of the present invention; and

FIG. 8 is a top plan view thereof.

## DESCRIPTION OF THE PREFERRED EMBODIMENTS

Referring now to the drawing and particularly FIGS. 1 to 3 thereof which illustrate a preferred embodiment of the present invention, the reference numeral **10** generally designates the improved combination cigarette and match package. The combination package includes a cigarette package **11** illustrated as of conventional flip top box construction including an open topped receptacle **12** provided with a hinged closure lid or cap **13** and formed of cardboard. It should be noted however, that the cigarette package **11** may be of any other conventional construction such as the soft wall type of package or a package including a plastic box or the like.

A rectangular panel **14** of thick paper or the like extends across the front face **16** of the receptacle body member **12** from the lower edge to a point below the top thereof. The panel **14** is formed with or secured to the bottom edge of body member **12** and preferably to the side edges as well, such as by adhesive or the like, and defines with the underlying section of front face **16** a match pocket **17** which is open at its top. Located across the inner face of the panel **14** along its upper border is an abrasive, match striking surface layer **18** of known composition. A similar abrasive striking surface **19** is located across the body member front face **16** in confrontation with the surface **18**.

A plurality of transversely spaced longitudinally extending safety matches **20** are nested in the pocket **17**

with the heads **21** thereof being located below striking surfaces **18** and **19** and proximate the bottom of the pocket **17** and the upper parts of the stems **22** thereof projecting above the open end of the pocket **17**. Advantageously, the upper part of each match stem **22** is secured by a releasable adhesive spot **23** to body member face **16** above the open end of pocket **17** but below the top of match stem **22**.

A match containing pocket **17** provided with striking surfaces as described above may be positioned on the rear face of the body member **12** as well as on the front face thereof.

In employing the improved combination package **10** a cigarette is extracted from the opened package **11** which is then closed. The upper part of a match stem **22** is pulled slightly forward to break the adhesive spot **23** and the match is sharply withdrawn from the pocket **17**. As the match head **21** passes the upper part of the pocket **17** it traverses the abrasive surfaces **18** and **19** which may be slightly finger compressed and is thus struck to ignite the withdrawn match **20** which may be used to light the cigarette.

Another embodiment of the present invention is shown in FIGS. 4 to 6 of the drawing and differs from that described above primarily in the manner in which the matches are housed in the pockets in the cigarette package. Specifically, the improved combination package **26** includes a cigarette package **27** along the lower sections of the front and rear faces **28** of which are edge secured rectangular panels **29** which delineate with faces **28** and open topped pockets **30**. The upper borders of the confronting faces of pockets **30** are provided with abrasive striking surfaces **32** corresponding to surfaces **18** and **19**.

Nested in the pocket **30** and extending for substantially the full width and for part or the full height thereof is a vertically corrugated sheet **33** which delineates with the walls of pocket **30** or with webs which are cemented to the corrugated sheet **33** vertical tubular guides or channels **34**. The upper parts of the channels **34** are open and exposed to the striking surfaces **32** for the full heights of the surfaces **32**. The corrugated sheet **33** may advantageously terminate at a point below the striking surfaces **32**.

A match **36** is housed in each of the channels **34** with the match head **37** lower-most and the upper part of the match stem **38** projecting above the open end of the pocket **30**. The use and operation of the improved combination package **26** are similar to that of package **10** earlier described.

In FIGS. 7 and 8 of the drawing there is illustrated another embodiment of the present invention in which the match carrying pocket is separate from the cigarette package and is provided with means for attachment to the cigarette package. The improved device **39** includes a cardboard, paper or plastic sleeve **40** of rectangular transverse cross section and of dimensions permitting the snug sliding engagement of a conventional cigarette package thereby to retain the device **39** on the cigarette package. The sleeve **40** may be provided with a bottom wall **41** which may engage the bottom face of an associated cigarette package.

Panels **42** are secured along their bottom and side edges to the corresponding edges of the front and rear walls of the sleeve **40** and delineate therewith pockets **43** corresponding to pockets **17** and provided along the upper borders of their confronting faces with striking surfaces



**44**. A plurality of transversely spaced vertical matches **46** have their head ends disposed in the bottom of pockets **43** and the upper parts of the stems thereof projecting above the open ends of the pocket **43**. The matches **46** may be suitably releasably retained in the pockets **43** by spot cementing or by the use of a corrugated sheet as described above or in any other suitable manner.

In use the match pocket carrying sleeve **40** is applied to a cigaretted package to form the improved combination which is employed in the manner described above. It should be noted that the pocket carrying sleeve, as well as the pocket forming panel may carry information, copy or be decorated as desired.

While there have been described and illustrated preferred embodiments of the present invention it is apparent that numerous alterations, omissions and additions may be made without departing from the spirit thereof.

What is claimed is:

**1.** The combination comprising a cigarette package, means including a panel along a face of said package delineating a pocket provided with a transverse opening at an end thereof and having confronting inner faces, an abrasive striking surface located along one of said confronting inner faces proximate said open end and spaced from the opposite end of said pocket, a plurality of transversely spaced, longitudinally extending matches located in said pocket and having stems projecting through said open end and heads disposed between said striking surface and said pocket other end, and means individually releasably securing said match stems at points remote from said match heads to areas on said package on the side of said striking surface opposite said match heads.

**2.** The combination of claim **1** including a pair of said abrasive surfaces located along corresponding pocket faces and confronting each other.

**3.** The combination of claim **1** wherein said securing means comprises a releasable adhesive between said match stems and a confronting face of said cigarette package.

**4.** The combination of claim **1** wherein said securing areas are external of said pocket opening.

**5.** The combination of claim **1** wherein said panel is joined to a lower transverse edge of said package along a transverse edge of said panel remote from said pocket open end.

**6.** The combination of claim **1** comprising a sleeve engaging said cigarette package, said pocket being defined by a wall of said sleeve and said panel.

**7.** The combination of claim **6** wherein said panel is secured to said wall of said sleeve.


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U.S. Cl. X.R.

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