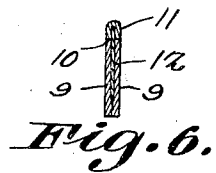
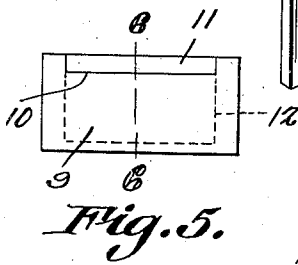
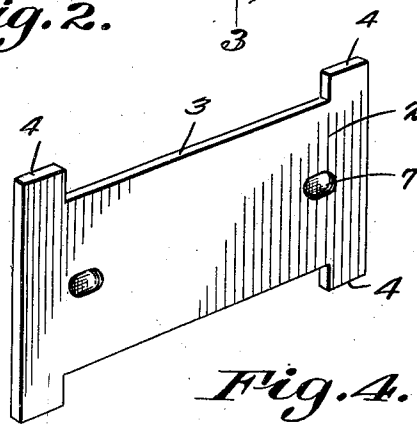
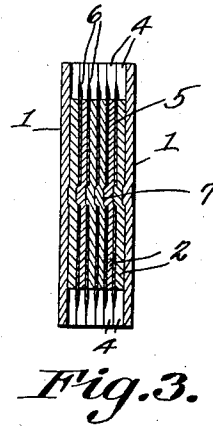
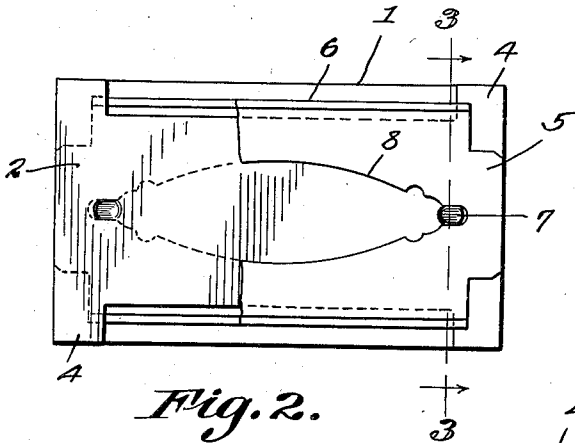
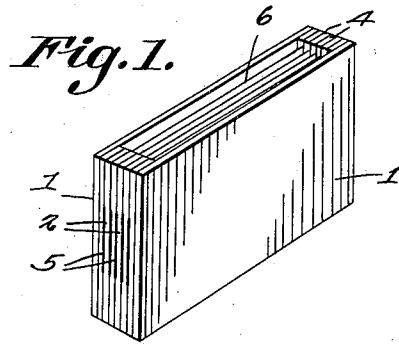


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C. C. MATHENY  
RAZOR BLADE PACKAGE  
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2,149,176



C. C. Matheny  
INVENTOR.  
BY *Chas. Snow*  
ATTORNEYS.

## UNITED STATES PATENT OFFICE

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## RAZOR BLADE PACKAGE

Clifford C. Matheny, Compton, Calif.

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7 Claims. (Cl. 206—46)

This invention relates to a razor blade package, an object being to provide a simple, compact and inexpensive means whereby a number of safety razor blades can be held together in a single package without the expense of separately wrapping each blade, it being possible to separately remove the blades from the package as needed while the remaining blades are held properly assembled one with the other until ready for use.

It is a further object of the invention to provide a package which operates to protect the cutting edges of the blade. Heretofore razor blades, when packaged, have had their edges located where they can rub against portions of the wrappers and, consequently, it frequently has been necessary to hone the blades before they could be used properly. The present invention avoids this objectionable feature.

With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of certain novel details of construction and combinations of parts hereinafter more fully described and pointed out in the claims, it being understood that changes may be made in the construction and arrangement of parts without departing from the spirit of the invention as claimed.

In the accompanying drawing the preferred forms of the invention have been shown.

In said drawing:

Figure 1 is a perspective view of a package embodying the present improvement.

Figure 2 is an enlarged elevation with parts broken away.

Figure 3 is a section through the complete package taken on the line 3—3, Figure 2.

Figure 4 is a perspective view of one of the dividers.

Figure 5 is an elevation of a portion of a modified form of package.

Figure 6 is a section on line 6—6, Figure 5.

Referring to the figures by characters of reference 1 designates strips of cardboard constituting the faces of the package and interposed between these strips are dividers 2 also formed of cardboard and having opposed longitudinal edges cut away, as at 3, to leave corner ears 4 adapted to extend between corresponding portions of the face strips 1 as shown particularly in Figure 1. The length of the strips 1 and dividers 2 are substantially equal to the lengths of safety razor blades 5 but the width of these members is somewhat greater than the width of the blades so that ears 4 will extend short distances beyond the cutting edges 6 of the blades. The ears at

each side of each divider are spaced apart a distance slightly less than the length of the cutting edge 6 of the blade so that the corners of the blade formed at the ends of the cutting edges can thus be supported between the ears as shown particularly in Figure 2.

Each blade 5 is adapted to be held between two dividers as shown, for example, in Figure 3 and the face strips as well as the dividers can be impregnated with a suitable binder or a binder can be applied to the surfaces of these parts. This binder is of such a nature as to hold the parts assembled after they have been pressed together and during this pressing action portions of the strips 1 and dividers 2 can be offset as indicated at 7 so as to project into the end portions of the slots 8 formed in blades 5. Consequently the blades are held against sliding movement relative to the divider. Among binders which can be used may be mentioned paraffin although it is to be understood that other binders can be used with equally advantageous results.

In assembling the parts they are stacked in regular succession upon a face strip 1 and after the proper number has been brought together, the other face strip 1 is placed in position and the several parts subjected to pressure so as to cause them to adhere properly and also offset portions of the side strips and dividers so as to project into the ends of the slots in the blades as already explained. Following this operation the formation of the package is complete and the blades can be sold ready for use with any predetermined number in the package. When it is desired to use a blade one of the face strips 1 is torn off of the package, thereby exposing the first divider. Said divider is then torn from the package and exposes the first blade. This blade, in turn is torn from the package and can then be used. The other dividers and blades can be removed in proper succession as needed.

The package thus far described is for use with blades having two cutting edges. If the blades are provided with one cutting edge only, they can be positioned between dividers 9 each of which has one edge cut away, as at 10, to receive the thick back 11 of the engaged blade 12. When the dividers are pressed together as before explained, they will protect the cutting edges and the ends of the blade, leaving the back 11 exposed as shown for example in Figures 5 and 6.

It is to be understood, of course, that the packaged blades thus far described, when sold, will be placed in small cartons. It is unnecessary, however, to wrap the blades individually. In practice

it has been found possible to assemble the blades, dividers and face strips in a rapid continuous operation, cutting off the packages in the proper lengths and then placing them in their cartons.

- 5 Attention is called to the fact that the face strips abridge the spaces between the ears. As they extend beyond the cutting edges of the packaged blades, they serve as guards for the edges.

What is claimed is:

- 10 1. A razor blade package including dividers having ears at the corners thereof, razor blades interposed between the dividers and adhering thereto, the ends of the cutting edges of the blades being housed between the ears of the dividers, and face strips affixed to the joined dividers and blades and forming the outer sides of the package, the corners of said strips being positioned with the ears of the dividers between them.

- 20 2. A razor blade package including dividers having corner ears, razor blades interposed between the dividers and having portions exposed between the ears, the remaining portions being affixed to the dividers, and face strips affixed to the connected blades and dividers and bridging the spaces between the ears of the dividers.

- 30 3. A razor blade package including dividers having corner ears, razor blades interposed between the dividers and having portions exposed between the ears, the remaining portions being affixed to the dividers, and face strips affixed to the connected blades and dividers and bridging the spaces between the ears of the dividers, and means carried by the dividers and extending into the blades for holding the blades against sliding movement relative to the dividers.

4. A razor blade package including dividers having corner ears, razor blades interposed be-

tween the dividers and having portions exposed between the ears, the remaining portions being affixed to the dividers, and face strips affixed to the connected blades and dividers and bridging the spaces between the ears of the dividers, said dividers and blades being positioned to be stripped successively from the package.

5. A razor blade package including dividers having upwardly extended ears, razor blades interposed between the dividers and having the ends of their cutting edges housed between the ears, each of said dividers having an offset portion extending into one of the blades for holding the blade against sliding movement relative to the divider.

6. A razor blade package including dividers having upwardly extended ears, razor blades interposed between the dividers and having the ends of their cutting edges housed between the ears, each of said dividers having an offset portion extending into one of the blades for holding the blade against sliding movement relative to the divider, all of the blades and dividers being held together adhesively.

7. A razor blade package including dividers having upwardly extended ears, razor blades interposed between the dividers and having the ends of their cutting edges housed between the ears, each of said dividers having an offset portion extending into one of the blades for holding the blade against sliding movement relative to the divider, all of the blades and dividers being held together adhesively, and face strips constituting opposed sides of the package and bridging the spaces between the ears, said strips constituting guards for those portions of the cutting edges exposed between the ears.

CLIFFORD C. MATHENY.