

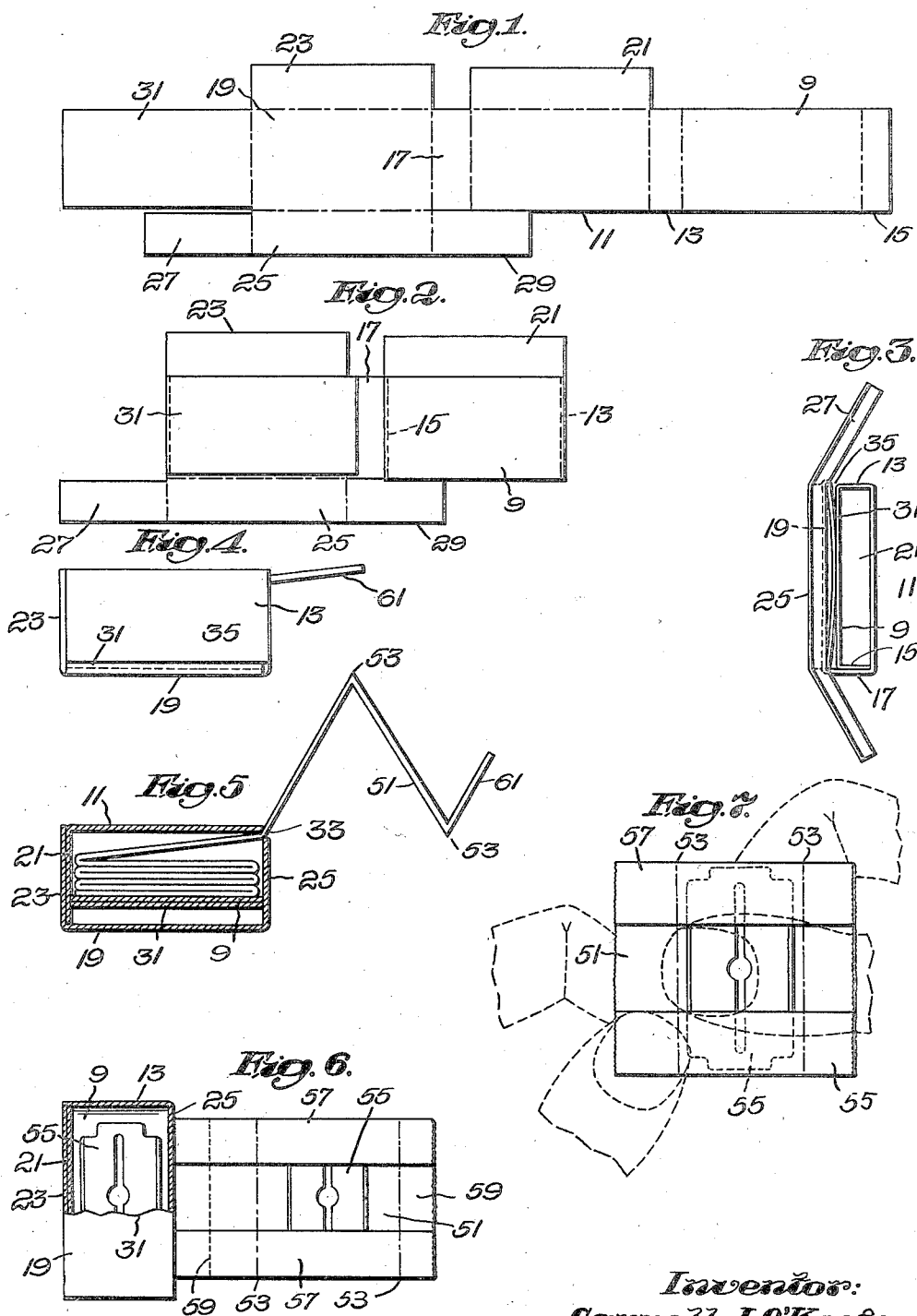
Oct. 1, 1935.

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2,016,255

RAZOR BLADE PACKAGE

Filed Feb. 2, 1934



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UNITED STATES PATENT OFFICE

2,016,255

RAZOR BLADE PACKAGE

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Application February 2, 1934, Serial No. 709,470

2 Claims. (Cl. 206-46)

The object of this invention is to provide an improved dispensing package for razor blades. In the example of the invention shown provision is also made in connection with such a package for storing used blades, this feature being the subject matter of an application Serial No. 752,297, filed Nov. 9, 1934, constituting a division hereof.

My invention will be well understood by reference to the following description of the illustrative embodiment thereof shown by way of example in the accompanying drawing, wherein:—

Fig. 1 is a plan view of a blank which may be folded up to form a box or container;

Fig. 2 is a similar view showing the parts partly folded;

Fig. 3 is a side elevation showing the parts further folded, the point of view being from the under side of Fig. 2;

Fig. 4 is an end elevation on an enlarged scale of the completed package;

Fig. 5 is a transverse section showing a blade withdrawn from the box;

Fig. 6 is a bottom plan corresponding to Fig. 5 but on a smaller scale and with part broken away; and

Fig. 7 is a detail to be referred to, the portion shown being viewed from the same point of view as in Fig. 6.

In the embodiment of the invention shown blades, herein illustrated as of a well known, double edge type, are carried on a strip folded in zigzag fashion, from which strip a section carrying a blade may be torn when required for use. Such an arrangement is not broadly new but I provide an improved construction having various advantages in use. Referring more particularly to Figs. 5 and 6 of the drawing, I provide a strip of paper 51 of suitable length which is folded in zigzag fashion along the transverse fold lines 53. The folded strip is adapted to be received in a carton or box and the blades withdrawn as required through a narrow slot 33 in the box, as seen in Fig. 5, and to permit this action alternate sections only carry blades, as will be apparent from Fig. 6. The blades 55 are deposited on the strip at suitable intervals. The blades may, if desired, be individually wrapped or be bare as shown. They may be lightly secured in position, if desired, by some such adhesive as paraffin. If the strip of paper is itself waxed, they may be secured thereto by pressing them thereagainst, using a sufficient amount of heat to cause adhesion.

The edge portions 57 of the strip 51 are folded over along a fold line outward of the ends of the blades and onto the opposite faces thereof, as seen

in Fig. 6. These edge portions are in width less than half the width of the intermediate portion between the fold lines so that the central portion of the blade is exposed between them as seen in that figure. The strip may then be folded up along the transverse fold lines 53 and this latter zigzag folding retains the edge flanges 57 in their folded over position. At the same time the positioning of the blade by these folded over edge portions results in a strip presenting no impediment to the transverse zigzag folding.

The strip may be perforated along the lines 59 between successive blades, these perforated lines normally falling in the center of the alternate sections or folds which do not carry blades. The end of the strip may be furnished with a tab 61 to project as indicated in Fig. 4 for grasping to permit the first blade to be withdrawn. When the end of the strip is then torn off along a line of perforation 59 to detach a section carrying one blade, the remaining portion of the perforated section or fold provides a new tab by pulling on which the succeeding blade may be withdrawn, as seen in Figs. 5 and 6.

An important advantage of the form of packaging described is graphically illustrated in Fig. 7. If the separated section of the strip with the blade carried thereon is held in the left hand, as seen in that figure, the thumb of the right hand may be applied to the exposed middle portion of the blade. If the hands are then drawn apart, the blade is slid over the folded over edge portions 57 out from beneath the same and released for use simply and without any danger of cutting the fingers. Any adhesion which may be effected by wax as above described is readily broken and offers no impediment to this action. There is no necessity for clawing at flaps with the fingernails or effecting any unwrapping operations which are inconvenient, entail danger of cutting the fingers or a fumbling which may result in the dropping of the blade and dulling its edge.

I have here shown the box in which the strip is received and from which it may be withdrawn as required as formed with an auxiliary receptacle for used blades, and for this purpose I may utilize the blank such as is shown in Fig. 1 formed from a suitable grade of cardboard. The blank shown comprises an inner bottom 9 and a top 11, the two integrally united by the intervening end portion 13 and having at their relatively remote ends the end portions 15 and 17. The four parts shown farthest to the right in Fig. 1, may be folded up along the three fold lines toward the left in the manner indicated in Fig. 2 and a fur-

ther folding opposes end portions 15 and 17 which may be glued together to form an open-sided shell of suitable size to receive the folded strip in the manner illustrated in Fig. 5. From the end portion 17 extends an outer bottom 19 adapted to be folded over to overlie the inner bottom 9. A flange or flap 23 may project from one side of the shell above referred to as by being glued to flange or flap 21 projecting from the top 11. From the other side of the bottom 19 may project a flange 25 adapted to extend over the opposite side of the shell. Herein this flange is provided with the tabs 27 and 29 adapted to be folded over and secured to the end parts 17 and 13. In Fig. 3 the blank is shown in position for this final step which would be completed by folding flange 25 over to the right into the plane of the paper in that figure and folding down the flaps or tabs 27 and 29 to extend away from the reader over the parts 13 and 17. A closure is thus provided for that side of the shell or main container nearest the reader in Fig. 3 but defining adjacent the top 11 the slot 33 through which the strip is dispensed in the manner illustrated in Fig. 5.

The side portions 23 and 25 hold the outer bottom 19 against the inner bottom 9 defining between them an auxiliary container having an entrance slot 35 (Figs. 3 and 5) located at the left hand end of the section 19 viewing Fig. 1. Used blades may be slid into this auxiliary container through the slot. The outer bottom 19 may have extending therefrom an extension 31 which is folded over inwardly to lie between the parts 19 and 9. The fold line provides a rounded margin at the entrance slot and the extension acts as a spring-like detent for holding in position the blades which have been inserted through the slot. Herein, as best seen from Fig. 2, the part 31 is made slightly longer than the part 19

which it underlies in the folded position. When the blank is folded up the distal end of this extension 31 abuts the end 17 and it is thus compressed into the bowed form most clearly illustrated in Fig. 3. The blades slid in through slot 35 are received between the bottom 9 and this tensioned extension 31 which resiliently presses against it. They are thus effectively held in position. In Fig. 6 I have shown the parts 19 and 31 broken away to disclose a used blade in position. No attempt has been made to show such a used blade in Fig. 5.

I am aware that the invention may be embodied in other specific forms without departing from the spirit or essential attributes thereof, and I therefore desire the present embodiment to be considered in all respects as illustrative and not restrictive; reference being had to the appended claims rather than to the foregoing description to indicate the scope of the invention.

I claim:

1. A razor blade package comprising a strip of paper having blades applied at intervals therealong, the edges of the strip being folded over on the blades along lines outward of the same, a portion of the blade being exposed between the turned over edges whereby it may be grasped and slid longitudinally of the strip, the strip being folded zigzag along lines between blades.

2. A razor blade package comprising a strip of paper having its edge portions folded over, said portions being less than half the width of the intervening portion of the strip, the strip being folded back and forth on transverse lines to provide superposed sections, and razor blades carried by alternate sections having their ends received beneath said edge portions and, when such a section is detached, adapted to be slid longitudinally from beneath said portions.

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