

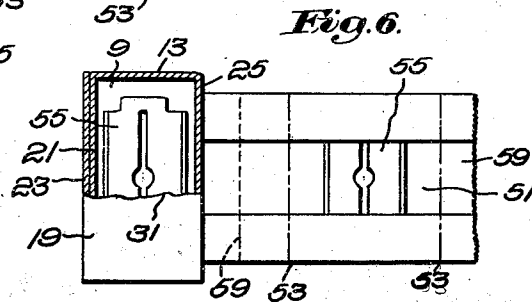
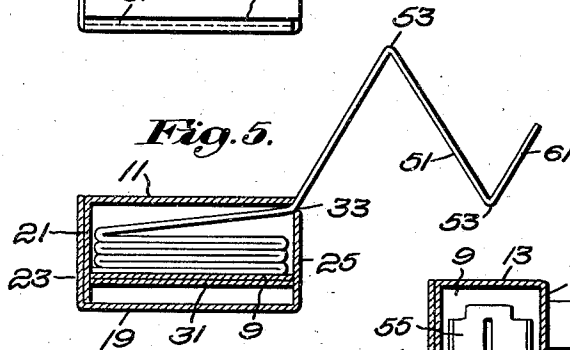
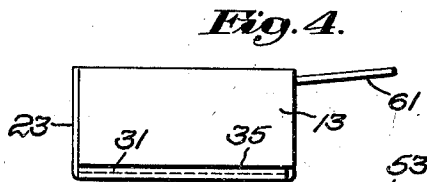
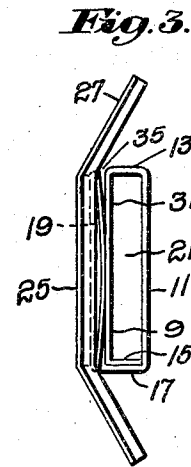
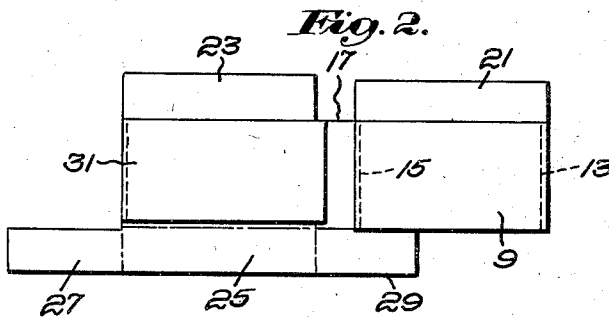
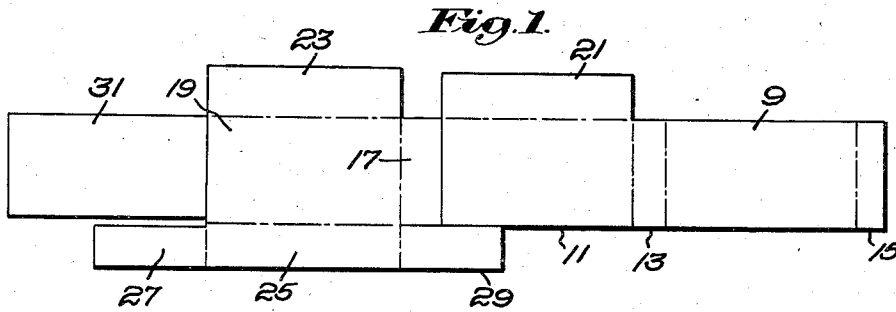
Oct. 1, 1935.

C. J. O'KEEFE

2,016,256

BOX FOR RAZOR BLADES

Original Filed Feb. 2, 1934



Inventor:
Carroll J. O'Keefe.
by **Wm. B. Smith, Vernon J. Townsend**
Attys.

UNITED STATES PATENT OFFICE

2,016,256

BOX FOR RAZOR BLADES

Carroll J. O'Keefe, Boston, Mass., assignor to
Forbes Lithograph Manufacturing Company,
Chelsea, Mass., a corporation of Massachusetts

Original application February 2, 1934, Serial No.
709,470. Divided and this application Novem-
ber 9, 1934, Serial No. 752,297

5 Claims. (Cl. 206—46)

The object of this invention is to provide a package for razor blades having provision for storing used blades. The package herein illustrated is a dispensing package having features forming the subject matter of my application Serial No. 709,470, filed Feb. 2, 1934, of which the present application is a division.

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; and

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

My invention is herein disclosed as applied to a carton or box adapted to receive a supply of razor blades which are dispensed therefrom through a narrow slot 33 in the box. For this purpose the blades, herein illustrated as of the 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 and the particular arrangement herein illustrated is the subject matter of the application above referred to. An extended description is not here necessary, but referring more particularly to Figs. 5 and 6 of the drawing, I there show 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 the box, and to permit the blades to be withdrawn through the slot 33 alternate sections only of the strip carry blades, as will be apparent from Fig. 6.

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.

The box in which the strip is received and from which it may be withdrawn as required herein is formed with an auxiliary receptacle for used blades, and for this purpose I may utilize a 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 further 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 part 19 and serve to close 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 cardboard box for razor blades comprising a main container body adapted to receive a supply of packeted blades and having an extra wall closely overlying one of the outer walls thereof and secured thereto along three sides, said wall having an extension at the fourth side folded over inwardly between the opposed walls.

2. A cardboard box for razor blades comprising a main container body adapted to receive a supply of packeted blades and having an extra wall closely overlying one of the outer walls thereof and secured thereto along three sides, said extra wall having an extension at the fourth side having a dimension of greater length than the corresponding dimension of said wall and folded over inwardly to lie in bowed position between said opposed walls.

3. A cardboard box comprising a top, an inner

bottom and ends foldable along transverse lines to form an open-sided shell, an outer bottom extending from an end, means including a flap on said outer bottom closing a side of the shell, a flap on the bottom adapted to fold over the other side and having means securing it at the ends, whereby a main container is provided having a dispensing slot at said side and an auxiliary container between said bottoms.

4. A cardboard box comprising a top, an inner bottom and ends foldable along transverse lines to form an open-sided shell, an outer bottom extending from an end, means including a flap on said outer bottom closing a side of the shell, a flap on the bottom adapted to fold over the other side and having means securing it at the ends, whereby a main container is provided having a dispensing slot at said side and an auxiliary container between said bottoms, said outer bottom having an extension folded over inwardly between said bottoms and forming a spring to hold articles in the auxiliary container pressed against the inner bottom.

5. A cardboard box for razor blades comprising a main container body adapted to receive a supply of packeted blades and having an extra wall closely overlying one of the outer walls thereof and secured thereto along three sides, said extra wall having an extension folded over inwardly to lie between the same and the wall which it opposes, said extension being of such dimension that a portion thereof extending toward one of said three sides would, if the extension were flat, reach beyond the same whereby the abutment of the extension against said side maintains the former in bowed position between the opposed walls.

CARROLL J. O'KEEFE.