

Feb. 11, 1958

J. D. WARK ET AL
SAFETY RAZOR CASE

2,822,916

Filed Nov. 20, 1953

2 Sheets-Sheet 1

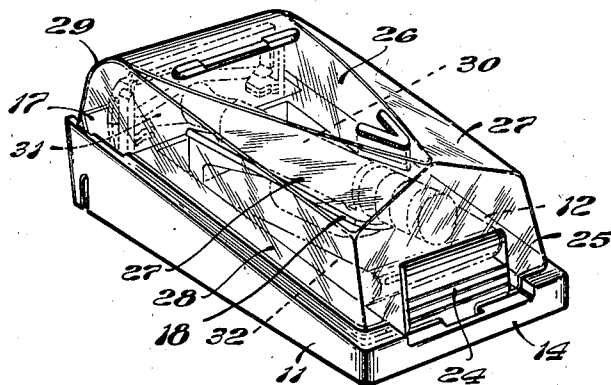


Fig. 1

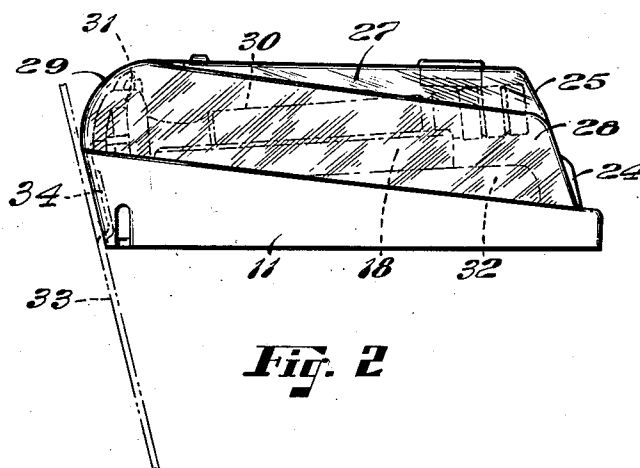


Fig. 2

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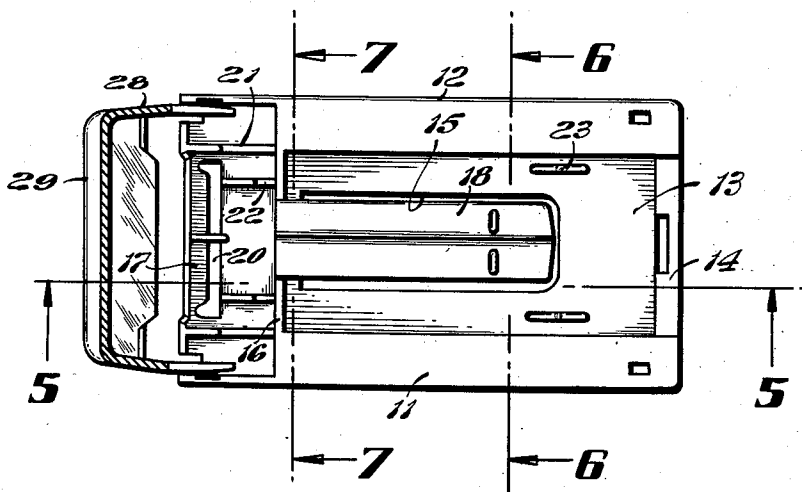


Fig. 3

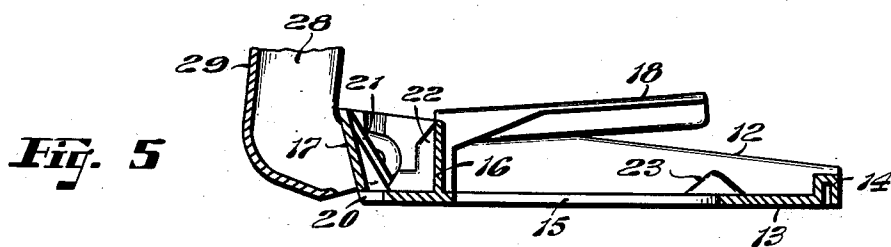


Fig. 5

Fig. 4

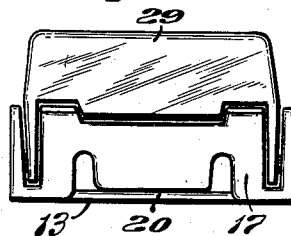


Fig. 6

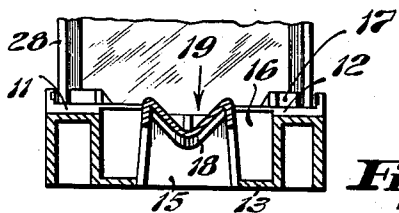
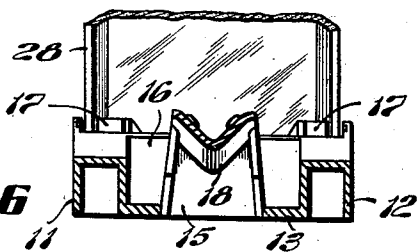


Fig. 7

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2,822,916

SAFETY RAZOR CASE

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Application November 20, 1953, Serial No. 393,434

6 Claims. (Cl. 206—16)

This invention comprises a new and improved safety razor case for conveniently and safely enclosing a safety razor and a package of blades or a blade dispenser.

In general it is the purpose of the invention to provide a small, compact and attractive case in which the razor and blades may be contained when not in use and which will serve as a travelling accessory in which these articles may be safely transported. Special inventive ingenuity has been exercised in providing a case having such ornamental characteristics as give pleasure to the eye as well as a mechanical structure which is strong, efficient and convenient for the user; for example, the structure of our design lends itself to a case having a base of resinous plastic of attractive color and a transparent cover of Lucite or the like through which the contents of the case are at all times visible and through which the color of the base appears beneath the contents of the case.

Preferably and as herein shown, the base is provided with a compartment for the safety razor head and an upwardly inclined trough for the handle of the razor arranged to drain all traces of free moisture rearwardly and out of the razor case through drain passages provided for that purpose. An additional advantage in disposing the trough in this manner is that free space is thus provided beneath it for the reception of a blade package or a blade dispenser that may be presented endwise from the front of the case and passed beneath the trough. The razor is thus supported above the blades with its handle end forward so that either the razor or the blades may be removed without disturbing the other.

Another feature of the invention consists in providing a thumb or finger opening in the base of the case through which the user may contact the blade package and thus slide it out of the case when a fresh blade is required.

These and other features of the invention will be best understood and appreciated from the following description of a preferred embodiment thereof selected for purposes of illustration and shown in the accompanying drawings in which:

Fig. 1 is a view in perspective of the closed case,

Fig. 2 is a corresponding view in side elevation,

Fig. 3 is a plan view of the base with the open cover shown in section,

Fig. 4 is a rear view of the case in end elevation,

Fig. 5 is a view in longitudinal section on the line 5—5 of Fig. 3, and

Figs. 6 and 7 are views in cross-section on the lines 6—6 and 7—7 respectively of Fig. 3.

The case in its illustrated form comprises a base of rectangular contour, preferably though not necessarily molded of a resinous plastic, and having two side walls 11 and 12, hollow and rectangular in cross section as shown in Figs. 6 and 7 and tapering downwardly in height from back to front. The flat top faces of the side walls slope downwardly and forwardly and provide inclined supporting areas for the sides of the cover. The side walls are connected by a flat bottom 13 best shown in

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Fig. 3, having a thickened bar 14 across its front edge and a wide elongated median slot 15. The bottom is formed integral with a transverse intermediate wall 16 and with an outer end wall 17 between which walls is thus provided a compartment for the head of a safety razor. The parts of the base thus far described are of substantially equal wall thickness throughout to facilitate the molding operations by which they are formed.

An elongated trough 18 is supported by and projects forwardly from the intermediate wall 16. The trough slopes downwardly and rearwardly and registers at its lower end with a notch or aperture 19 in the upper edge of the wall 16 with the result that any free moisture left upon the handle of the razor in the trough is immediately drained through the notch 19 into the compartment beyond it. A transverse slot 20 is provided in the bottom of the compartment for the double purpose of providing the compartment with an outlet drain opening for free moisture reaching it from the trough 18, and of receiving a supporting hook or hooks of an upright display rack to be presently described. In order to strengthen the transverse walls 16 and 17 and to hold the razor head without rattling in the case a buttress shaped rib 21 is formed at the center and near each of the outer ends of the outer wall 17 and similar reversely sloping ribs 22 are formed on the rearward face of the inner wall 16. These two sets of ribs provide oppositely sloping supports for the razor head which engage it with a wedging action. The center rib 21 bridges the slot 20 and is integrally connected at its lower end to the bottom of the base.

The trough 18 is spaced sufficiently above the bottom 13 to provide space for a package of blades or for a blade dispenser in the open end recess between the side walls 11 and 12. A pair of spaced upstanding triangular guide lugs 23 is provided on the bottom 13 near its forward end and substantially in line with the front edge of the aperture 15 and these hold the outer end of the dispenser in position above the bottom. A blade dispenser may be presented endwise between or upon these lugs and will rest in horizontal position above the aperture 15 and in end engagement with the intermediate wall 16. The guide lugs 23 also direct the outer end of the dispenser so that it will pass outwardly above the thick bar 14 on which it might otherwise catch. The dispenser may be easily reached through the aperture by the user when he desires to slide it forwardly, over the bar 14 and out of the case in order to obtain a fresh blade and in this movement the trough prevents upward displacement of the dispenser.

The cover of the case is herein shown as molded of transparent plastic material through which the contents of the case are clearly visible as well as the color of the base which in one embodiment of the invention is molded of an opaque brilliantly colored resin. The cover is of similar contour to the base but slightly smaller so that its side edges rest upon the flat inclined top faces of the side walls 11 and 12 of the base. It comprises a rearwardly inclined front wall 25 having a yieldable latching section 24 herein shown as corrugated and shaped at its lower edge to interlock with the transverse bar 14 which forms the front wall of the base. The cover has also a flat upper panel 26 in the shape of an isosceles triangle, two side panels 27 in the shape of right angle triangles and upright side walls 28 of uniform height. These, together with a curved rear wall 29, form the enclosure of the cover. The panels 26 and 27 make a common vertex with the upper line of the front wall 25, and the top panel 26 is provided with spacing ribs which project above its surface and serve to space one case from another when they are stacked for purposes of display. The upwardly converging side panels 27 and the inclined front wall 25 provide an extremely stiff and rigid supporting structure for

the triangular top panel 26 and safeguard the case against collapse under any vertical pressure to which it may be subjected. The rear wall 29 of the cover is provided with downwardly-extending arms or segments carrying hinge pins which are received in corresponding bearings in the rear ends of the side walls of the base.

When the cover of the case is lifted as shown in Figs. 3 and 5, the head 31 of the safety razor may be freely placed in the compartment defined by the walls 16 and 17 and lie wedged in place by the downwardly converging ribs 21 and 22. At the same time, the handle 30 of the razor naturally finds its place upon the trough 18. The position of the razor head and handle is indicated in broken lines in Figs. 1 and 2, and from these figures it will be seen that any free moisture reaching the trough from the razor handle or otherwise will drain forwardly through the notch 19 into the compartment between the walls 16 and 17 and will drain out of the compartment through the slot 20.

The trough 18 is located at such a height as to provide free space for containing a blade package or a blade dispenser beneath it. As shown in Figs. 1 and 2, a blade dispenser 32 is so placed, being supported by the bottom 13 of the case and symmetrically disposed above the finger opening 15. The particular dispenser shown in dotted lines is fully described in U. S. Letters Patent No. 2,664,999 of January 5, 1954 to Young.

The case hereinabove described is adapted to be displayed in stack formation upon a display rack such as that suggested in Fig. 2. As there shown, the rack includes in its structure an upright panel 33 having an ear 34 or a pair of ears struck from it and deflected inwardly so that they may be received in this slot 20 and engage the inner face of the end wall 17 of the base. The panel 33 of the display rack may be either slightly inclined as shown in Fig. 2 or vertically disposed, in which event the cases will be held in stack formation one above another, but inclined slightly downwardly and forwardly so as to dispose their contents at a favorable angle for inspection.

The cover includes in its structure the triangular panel 26 already mentioned as largely determining the overall design of the cover. The panel has the important mechanical function of providing in effect a three-point hold-down for the razor within the case. The curvature and height of this cover are made such that the cover lies closely adjacent to the guard of the razor so that it immediately makes line contact with the guard if the case is tilted in any way. The triangular panel 26 is provided near its apex with an internal V-shaped projection that bears upon the handle 30 near its outer end and so provides the third point of the bearing. The same panel is provided externally with a corresponding V-shaped projection and with a rib extending externally across the base of the triangle. These collectively form a three-point support for an overlying case when in stacked formation.

Having thus disclosed our invention and described in detail an illustrative embodiment thereof, we claim as new and desire to secure by Letters Patent:

1. A safety razor case comprising a base having a hinged cover and an upwardly and rearwardly inclined rear wall, together with front and side walls forming a recess for a blade package, and an intermediate transverse wall carrying a forwardly extending and upwardly inclined razor-supporting trough draining thereover, the said base having a slot at its junction with said rear wall constituting an outlet opening for drainage and for the reception of an ear for supporting the case at an angle determined by the inclination of its rear wall.

2. A safety razor case comprising a rectangular base having a flat bottom with an elongated aperture therein, upwardly and rearwardly sloping side walls forming a recess with the bottom, and a forwardly and upwardly sloping trough projecting above said recess and providing free space for a blade package between it and the aperture in the bottom of the base, whereby a blade package may be removed from said space without disturbing the trough, a pair of guide lugs projecting upwardly from the bottom of the base adjacent the forward end of the aperture therein, in combination with a blade dispenser, said blade dispenser resting upon said lugs in an upwardly and forwardly inclined position.

3. A safety razor case having a base and a hinged cover, the base having side walls, a bottom and spaced transverse walls, said transverse walls forming a compartment near the rear end of the base for the head of a safety razor, an elongated trough supported by and projecting from one of said transverse walls, said trough being inclined downwardly and rearwardly toward said transverse walls, the rearward end of said trough opening into said compartment, said trough being positioned above the bottom wall of said base at a height providing a free space to receive a blade dispenser between said bottom wall and said trough, and an elongated aperture in said base directly below said trough through which the user may reach the dispenser for removing it by sliding it out of the forward end of the case while the trough limits upward displacement of the dispenser and guides it during removal.

4. A safety razor case as set forth in claim 3 wherein said transverse walls are provided with downwardly converging ribs for engaging the opposite sides of the razor head with a wedging action.

5. A safety razor case as set forth in claim 3 wherein said base has at its forward end an upwardly projecting bar, a pair of lugs projecting upwardly from said bottom wall positioned on opposite sides of said elongated aperture adjacent said forward end for elevating the forward end of the blade dispenser so that it will pass over said bar during its removal.

6. A safety razor case as set forth in claim 3 wherein said compartment is provided with a drainage opening.

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