

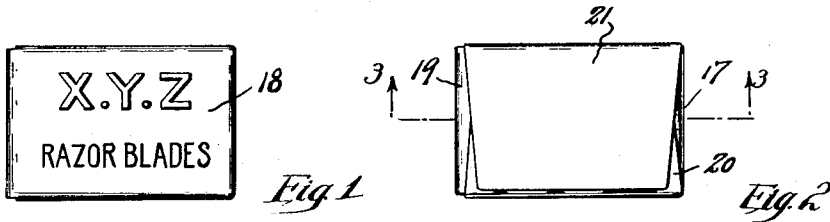
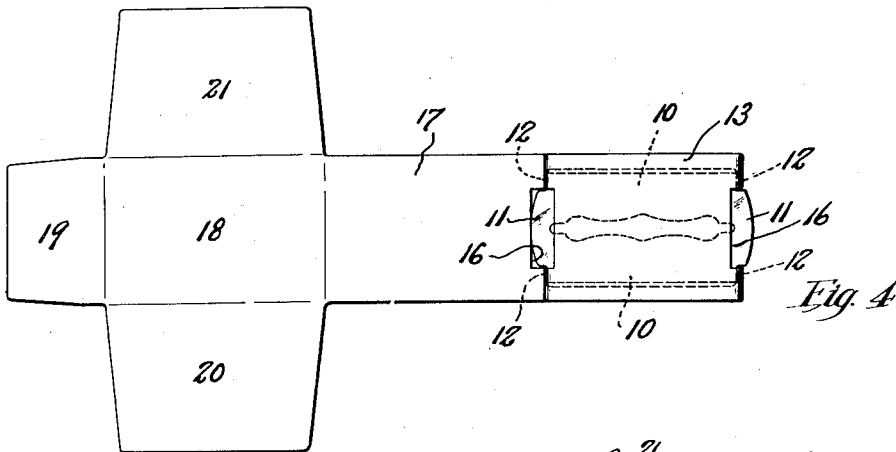
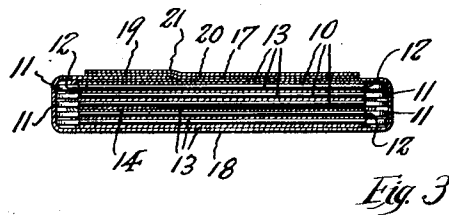
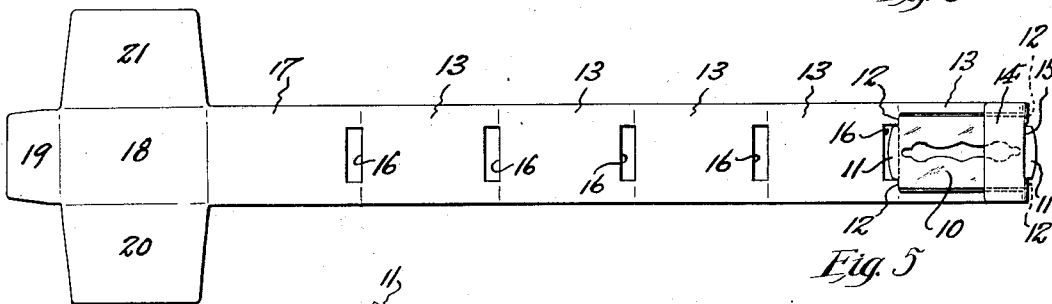
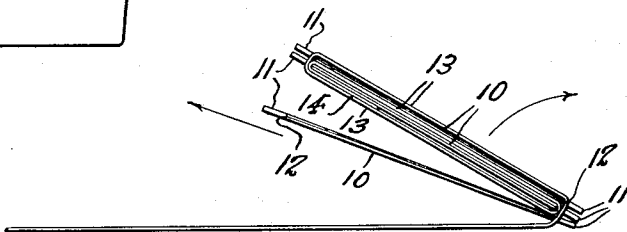
Nov. 21, 1933.

P. H. UNSINGER

1,936,076

PACKAGE FOR SAFETY RAZOR BLADES

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INVENTOR
Philip H. Unsinger;
BY George D. Richards
ATTORNEY

UNITED STATES PATENT OFFICE

1,936,076

PACKAGE FOR SAFETY RAZOR BLADES

Philip H. Unsinger, Maplewood, N. J.

Application April 20, 1931. Serial No. 531,395

4 Claims. (Cl. 206—46)

This invention relates to an improved wrapper or package for safety razor blades, and has reference, more particularly, to a wrapper or package especially adapted to enclose a plurality of tongue-ended safety razor blades.

This invention has for its principal object to provide a novel construction of package or container for use in commercial distribution of safety razor blades; the important feature of which resides in a novel foldable blade supporting means whereby a plurality of blades may be assembled together in individually segregated relation to their fellows, and at the same time so held and secured against shifting movement that their sharp edges are maintained free from dulling or other injurious contact with the package enclosure, while nevertheless being fully protected and enclosed thereby.

This invention has for another object to provide a razor blade supporting and enclosing means which may be economically produced from paper, metal foil or other suitable material, and which when opened is adapted to give ready, convenient and easy access to the blades one at a time, for removal and use, the unremoved blades remaining fully protected and undisturbed by the manipulation of the package in removing a blade therefrom when desired.

This invention has a further object to provide, as an integral structure if desired, both a means for supporting and segregating the individual blades making up a lot of given number to be packed together, as well as an external enveloping wrapper or container means therefor.

Other objects of this invention, not at this time more particularly enumerated, will be understood from the following detailed description of the same.

An illustrative embodiment of this invention is shown in the accompanying drawing, in which:—

Fig. 1 is a front face view of the safety razor package and Fig. 2 is a rear face view of the same. Fig. 3 is a longitudinal section, drawn on an enlarged scale, taken on line 3—3 in Fig. 2. Fig. 4 is a plan view of the package opened to give access to the first blade, to permit removal thereof. Fig. 5 is a plan view of the blade supporting means opened out and showing a blade inserted therein preparatory to making up the filled package; and Fig. 6 is a fragmentary side edge view of the blade supporting means, drawn on an enlarged scale, and illustrating the method of manipulating the same to give access to a contained blade for removal thereof.

Similar characters of reference are employed in the above described views, to indicate corresponding parts.

Referring to said drawing, the reference character 10 indicates the razor blades adapted to be enclosed in the novel containing package of this invention. These blades are of the type possessing tongue-ends, that is tongue-portions 11 at their respective ends of a width less than the total width of the blade body. Said tongue-portions 11 form, with the end of the blade body, shoulders 12 at opposite sides of the tongue-portions.

The novel blade supporting and segregating means, comprises a longitudinal body of flexible material, such, for example, as paper, metal foil or other suitable material, the same being of width exceeding the maximum widths of the razor blade bodies to be related thereto. Said body of the blade supporting and segregating means is foldable transversely over and over upon itself, so as to provide a series of connected blade covering panels 13. Adjoining the endmost panel 13 is an end flap 14, having a transverse slit 15 formed at the juncture thereof with said endmost panel. Contiguous to the lines of fold intermediate the blade covering panels 13 are transverse rectangular openings 16 slightly exceeding in dimensions the dimensions of the tongue portions 11 provided at the ends of the blade bodies 10.

In assembling a plurality of blades with the supporting and segregating means, the first blade is laid upon the end most panel to lie between the same and the in-folded end flap 14, with a tongue portion 11 of said blade inserted through the slit 15 intermediate said end most panel and said end flap, so that the shoulders 12 adjacent the thus inserted tongue abut the fold intermediate said endmost panel and end flap (see Fig. 5). The tongue portion 11 at the opposite end of the thus arranged blade body registers over the opening 16 contiguous to the inner end of said end most panel 13 with the adjacent shoulders 12 aligned with the point of fold intermediate said end most panel and the panel next adjacent thereto.

With the first blade thus arranged relative to the end-most panel and the in-turned flap 14, these parts are over-turned upon the panel 13 next adjacent to said end most panel, whereupon another blade 10 is overlaid upon such in-folded parts contiguous to the exposed or outer surface of said end most panel, and so that the shoulders 12 of such second blade are aligned

with the transverse folds formed by the infolded end most panel, with the inward tongue-portion 11 of said second blade registered over the opening 16 of the next adjacent exposed panel 13. With the second blade 10 thus applied, the supporting and segregating means is again unfolded with the blades, to overlay the second blade upon said next adjacent panel 13, whereupon the third blade is applied on the in-folded parts, and then folded therewith over upon the succeeding panel 13 in similar manner; these operations being continued until the desired given number of blades have been assembled and in-folded between panels 13 of said supporting and segregating means.

When the desired number of blades have been thus assembled with the supporting and segregating means, it will be observed that the shoulders 12 of the blades will abut the formed transverse folds produced between the panels 13, thus firmly and securely holding the blades against any endwise movement; at the same time it will be seen that the tongue portions 11 at the ends of blades will project through the openings 16, thereby engaging such end portions so that the blades are firmly held against lateral movement. The panels 16 being wider than the extreme width of the blade bodies will overlie the blades at opposite sides thereof, thus segregating each individual blade from those adjacent thereto, and at the same time the longitudinal marginal portions of the panels will meet beyond the blade edges in planes parallel to the bodies, so as to cover the sharpened edges of the latter, and yet with no part of panels directly folded transverse to or around these blade edges, and consequently there is no chance of any part of the supporting and segregating means directly abutting the blade edges with resultant risk of turning or dulling such sharpened blade edges.

Preferably an outer cover means is connected with the last exposed end of the blade supporting and segregating means as an integral part thereof. This cover means comprises an endwise flap section 17 intermediate its main body 18 and said last exposed end of said blade supporting and segregating means. Said main body 18 is provided at its opposite end with an opposite end-wise flap section 19, and at its respective longitudinal sides with side-wise flap sections 20 and 21.

To enclose the assembled and supported blades into the cover means, the folded supporting and segregating means, with the blades carried thereby, is returned upon said end-wise flap-section 17, whereupon the latter is turned over upon the inner face of said main body 18 of the cover means, so that the assembled and supported blades lie between said end-wise sections 17 and main body 18. With the parts thus arranged, the opposite end-wise flap section 19 is overturned or infolded upon the section 17, whereupon one sidewise flap section, as 20, is overturned upon the infolded flap sections 17-19, and the other sidewise flap section 21 then is turned over said flap section 20 (see Figs. 2 and 3). The meeting faces of said flap sections 20-21 are preferably adhesively secured together, thus firmly and securely retaining the cover means in enveloping relation to the supporting and segregating means and the blades assembled therewith, or the flap sections may be otherwise secured in closed condition. The outer face of the main body 18 of the cover

means may bear suitable advertising data, trade-mark or trade-name designation of the enclosed blades.

While I have shown the cover means integrally connected with the blade supporting and segregating means, I do not desire to be limited to such arrangement, since the cover-means may comprise an independent or separate envelope or other form of container to receive the blade carrying supporting and segregating means.

It will be obvious that the user of the blades may tear open the flap sections of the cover means, whereupon by unfolding the blade supporting and segregating means, in the manner indicated in Fig. 6, the blades may be successively exposed subject to the grasp of the fingers for endwise withdrawal from the supporting and segregating means. After a blade has been withdrawn, the supporting and segregating means may be refolded upon itself and into the enveloping cover means, to protect the remaining blades until another is desired for use; or upon removal of a blade the useless panel may be torn away, and the blades remaining in the still folded panels laid aside until needed, or wrapped into the exterior cover means.

From the above description it will be obvious, that a very simple and yet efficiently protective means for holding safety razor blades, both for commercial distribution and until used by the purchaser, is provided by this invention. In its broadest aspect, the invention resides in the novel blade supporting and segregating means per se, regardless of the association therewith of the outer cover means, whether as an independent element or as an integral part thereof as shown, the latter arrangement being however, from more specific aspects a part of this invention for which claim is also made.

As changes other than those above indicated could be made in the above described constructions, and many apparently widely different embodiments of this invention could be made without departing from the scope of this invention as herein described and shown, it is intended that all matter contained in the above description or shown in the accompanying drawing shall be interpreted as illustrative and not in a limiting sense.

I claim:—

1. A supporting and segregating means for holding a plurality of safety razor blades of the tongue end type, comprising a strip of material of a width exceeding the extreme width of the blades, said strip being folded lengthwise upon itself to form successively adjoined panels each approximating in length the length of the blades exclusive of the tongue ends of the latter, each panel having a single transverse perforation at one end thereof contiguous to the line of fold adjoining the same to an adjacent panel, whereby blades may be enclosed between panels when the latter are folded end over end upon themselves with the tongue ends of said blades projecting through said perforations to thereby retain the blades against both lateral and longitudinal displacement relative to the panels.

2. A supporting and segregating means for holding a plurality of safety razor blades of the tongue end type, comprising a strip of material of a width exceeding the extreme width of the blades, said strip being folded lengthwise upon itself to form successively adjoined panels each approximating in length the length of the blades

exclusive of the tongue ends of the latter, each panel having a single transverse perforation at one end thereof contiguous to the line of fold adjoining the same to an adjacent panel, whereby blades may be enclosed between panels when the latter are folded end over end upon themselves with the tongue ends of said blades projecting through said perforations to thereby retain the blades against both lateral and longitudinal displacement relative to the panels, and an external foldable cover means connected with one end of said strip and adapted to envelop the folded panels and blades.

3. A supporting and segregating means for safety razor blades of the tongue end type, comprising a strip of material wider than the blades to provide panels foldable end over end upon themselves between which panels the blades are disposed, each panel having at one end thereof contiguous to the line of fold intermediate the same and an adjacent panel a single transverse

opening sized to receive and snugly fit over the tongue ends of the blades, whereby the blades are retained against longitudinal and lateral shifting between said panels.

4. A supporting and segregating means for safety razor blades of the tongue end type, comprising a strip of material wider than the blades to provide panels foldable end over end upon themselves between which panels the blades are disposed, each panel having at one end thereof contiguous to the line of fold intermediate the same and an adjacent panel a single transverse opening sized to receive and snugly fit over the tongue ends of the blades, whereby the blades are retained against longitudinal and lateral shifting between said panels, and an external foldable cover means connected with one end of said strip and adapted to envelop the superimposed panels and blades.

PHILIP H. UNSINGER.

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