May 3, 1938. L. E. BOYD 2,115,699

PACKET

Filed June 9, 1934

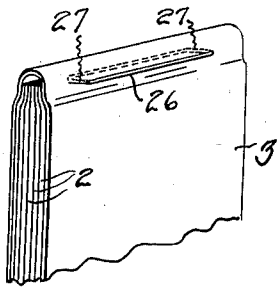


Fig. 5.

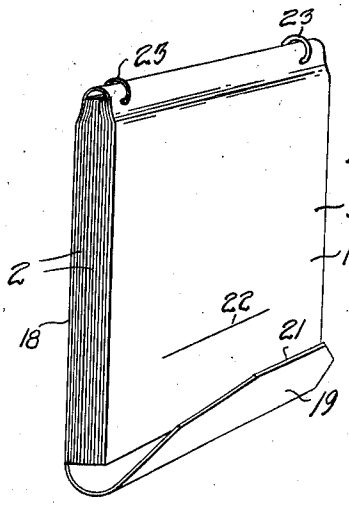
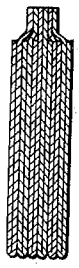


Fig. 1.

Fig. 7.



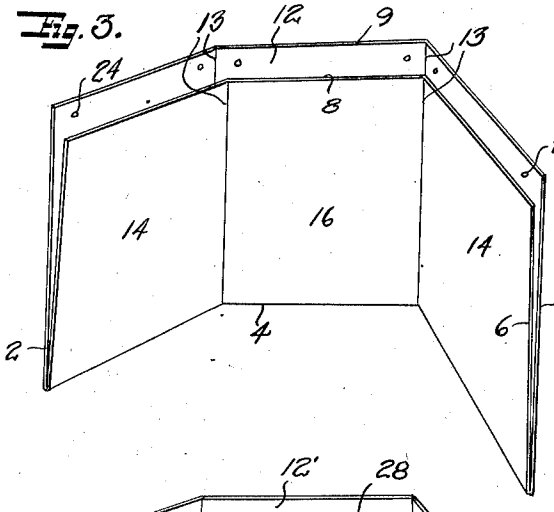


Fig. 3.

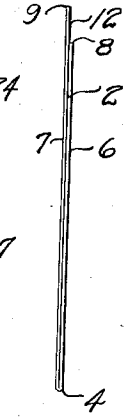


Fig. 4.

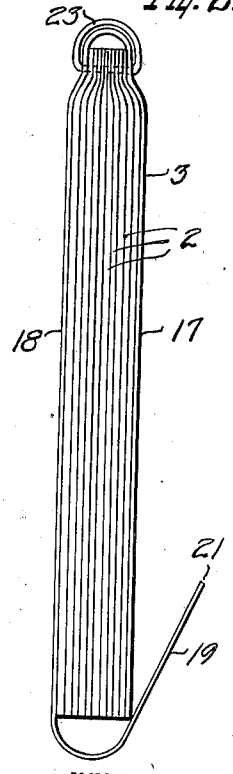


Fig. 2.

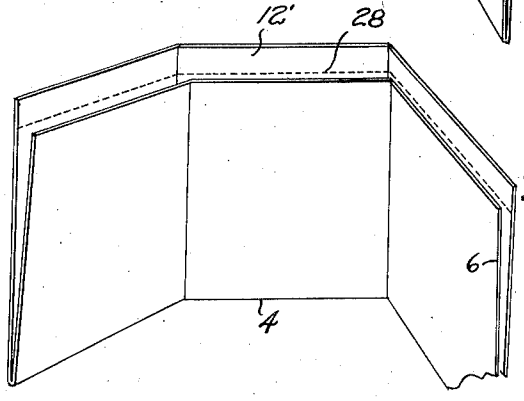


Fig. 6.

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UNITED STATES PATENT OFFICE

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PACKET

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Application June 9, 1934, Serial No. 729,775

4 Claims. (Cl. 206—57)

The invention relates to a packet consisting of a plurality of sheets of tissue or the like releasably retained in a protective holder, and more particularly to a type of packet in which the sheets are of a material and form suitable for use in removing cosmetics applied to the face or the like.

An object of the invention is to provide a packet of the character described, which will have sheets of relatively large size firmly attached in position therein and arranged in extremely compact form, but may be withdrawn in a very easy manner and without danger of mutilating the sheet to any appreciable extent.

Another object of the invention is to provide a packet of the character described in which the sheets will be so secured therein that no portion thereof need be left in the packet on the withdrawal of the sheet.

A further object of the invention is to secure the sheets in the packet at a minimum number of points on the sheet, but still insure the proper retention of the sheet in the packet and the withdrawal of the sheet without wrinkling or distortion or interfering with adjacent sheets.

The invention possesses other objects and features of advantage, some of which, with the foregoing, will be set forth in the following description of the preferred form of the invention which is illustrated in the drawing accompanying and forming part of the specification. It is to be understood, however, that variations in the showing made by the said drawing and description may be adopted within the scope of the invention as set forth in the claims.

Referring to said drawing:

Figure 1 is a perspective view of the packet of my invention, with a portion of the covering bent back.

Figure 2 is an enlarged end view of the packet.

Figure 3 is a perspective view of one of the sheets removed from the packet cover and showing the manner in which it is folded.

Figure 4 is an end view of one of the sheets in the form in which it is positioned and held in the packet.

Figure 5 is a fragmentary perspective view of the packet with a modified form of attachment for the sheets.

Figure 6 is a perspective view of a sheet arranged for a modified form of attachment to the packet cover.

Figure 7 is a cross-sectional view of a number of folded sheets grouped for packaging in accordance with the present invention.

As illustrated in the drawing, the packet of my invention is made up, as is common with articles of this nature, of a plurality of sheets 2 of cleansing tissue or the like, folded individually and secured together in a cover 3. Ordinarily the sheets are not only secured together but are for simplicity purposes secured to the cover with the same means which secures the sheets. The present invention is concerned for the most part with the manner of folding the sheets and securing or attaching them together or to the cover.

In the preferred embodiment each sheet in its extended form is rectangular and desirably about square, and is arranged to be folded near the middle along a line 4 parallel to one of the edges so as to provide approximately half portions 6 and 7. Usually on account of the extreme thinness of the tissue each sheet is formed of two layers, but it is of course understood that the sheet may be formed of a single or any number of layers.

As will be clear from Figure 3, the sheet is so folded that one portion 6 will be smaller than the other portion 7, that is the free edge 8 of portion 6 will lie appreciably inwardly from the free edge 9 of portion 7 so as to in effect provide on portion 7 an extended strip 12. After the sheet has been folded as described, the portions are folded upon themselves one or more times on lines at right angles to line 4. In the present instance the portions are folded on spaced lines 13 and in such manner that sections 14 at the ends of portions 6 and 7 will overlie each other and a central section 16. Attachment of the sheets to the cover is designed to be effected exclusively through the strip 12, and it will be noted that while each of the sections 14 and 16 is composed of a plurality of sheet thicknesses, but one thickness is arranged for direct attachment to the cover.

Any number of the folded sheets may be assembled for attachment together or to the cover, but in order that the packet will not be bulky it has been found that about ten or twelve sheets afford a unit of convenient size. A simple type of cover is here illustrated and comprises front and back portions 17 and 18 both formed as part of a single piece of material such as cardboard. The part of the cover forming the top is scored and folded and arranged for the reception of ends of the folded sheets having the strip 12. To permit closing of the cover, and as well the ready opening thereof, the back portion is provided with a bottom flap 19 which may be bent

over the front portion so that the free end 21 thereof may releasably engage in a slit 22.

Actual attachment of the sheets in the cover is accomplished in the preferred embodiment by means of rings 23 which are passed through both cover portions and through perforations 24 in each portion of the strip 12 of the enclosed sheets. Preferably a ring is provided adjacent each corner of the top of the packet, and as will be clear from Figure 2, the part of the ring extending through the sheets is straight, whereas the part without the cover is curved and extended over the cover fold. It will be noted that owing to the fact that the rings engage only the thinner portion of the folded sheets, the packet may be drawn closer together at the top and as a result the rings may be smaller and there will be created a tendency of the packet to spread at the bottom and thus facilitate the grasping of the individual sheets for withdrawal. In order that the reduced end portion of the packet will be centrally disposed and as particularly illustrated in Figure 7, approximately one half of the folded sheets are disposed with the shorter sheet portion positioned closer one side of the cover while the remainder of the sheets lie with the longer sheet closer to said side. Furthermore it is desirable that the rings be so arranged and of such size that they will be entirely confined between the planes defined by the outer faces of the cover. Considerable importance is attached to the fact that the rings confine the sheets fairly loosely in the cover, and that, due to the foreshortening of sheet portion 6, attachment between the rings and the sheets occurs at but a minimum of points. By reason of the foregoing, not only may the withdrawal of the sheets individually be effected in a very easy manner, such as by a mere outward pull thereon, but no mutilation of the sheets, except for a slight tear through the strip, will be caused by such attachment and withdrawal. In fact each sheet withdrawn will be complete and whole as no part thereof will be left in the cover.

If desired, instead of the rings 23, a staple 26 may be used for attaching the sheets in position. Where the staple is used it is preferably formed relatively wide so that a single one will suffice. Also in using the staple it is arranged so as to not too closely confine the sheets between the cover, but to permit the easy withdrawal of the strips from the sheet engaging portions 27.

Another embodiment of the invention is illustrated in Figure 6, where the sheet is perforated between the strip portion 12' and the body of the sheet. In this arrangement, the sheets are secured in the cover with the strip portions tightly held in place, the withdrawal of the sheets being effected by a pull sufficient to sever the body of the sheet from the strip portion along the line 28 of the perforations. This form of the invention, while retaining the feature of the easy withdrawal of the sheet, entails leaving a part thereof in the cover in effecting the withdrawal.

I claim:

1. In a packet of the character described, a plurality of sheets each individually folded to provide substantially like opposed portions with a strip at one end of one portion extending beyond the corresponding end of the other portion, said sheets being assembled with substantially one half thereof positioned with the shorter portion nearer than the larger to one side of the assembly and with substantially the other half in reverse relation to said side, a cover for each side of the sheet assembly, and means securing said cover to the strips of each sheet with the portions of the cover opposite the strips and the securing means itself lying within the planes defined by the outer sides of the cover.

2. In a packet of the character described, a plurality of sheets each individually folded to provide substantially like opposed portions with a strip at one end of one portion extending beyond the corresponding end of the other portion, said sheets being assembled with substantially one half thereof positioned with the shorter portion nearer than the larger to one side of the assembly and with substantially the other half in reverse relation to said side, a cover for each side of the sheet assembly, and rings securing said cover and strips together and lying within the transverse dimensions of the intermediate portion of said cover.

3. A packet of the character described comprising, an assembly of sheets each individually folded to provide long and short portions with the short portions folded completely within the long portions, said sheets being placed one against another, and fastening means connecting the long portions of the sheets exclusively.

4. A packet of the character described comprising, a plurality of sheets assembled in contiguous relation, fastening means extending through said sheets adjacent contiguous ends thereof, each of said sheets being folded along a line substantially parallel to said end and spaced therefrom by a distance greater than one half of the extent of the sheet to provide a folded portion having the free end thereof short of said first end and said fastening means, said sheet being further folded at substantially right angles to said first end to position said short portion within the folds of the longer portion of the sheet.

LEONARD E. BOYD.