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PACKAGE CONSTRUCTION FOR KNITTING NEEDLES

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Fig. 1.

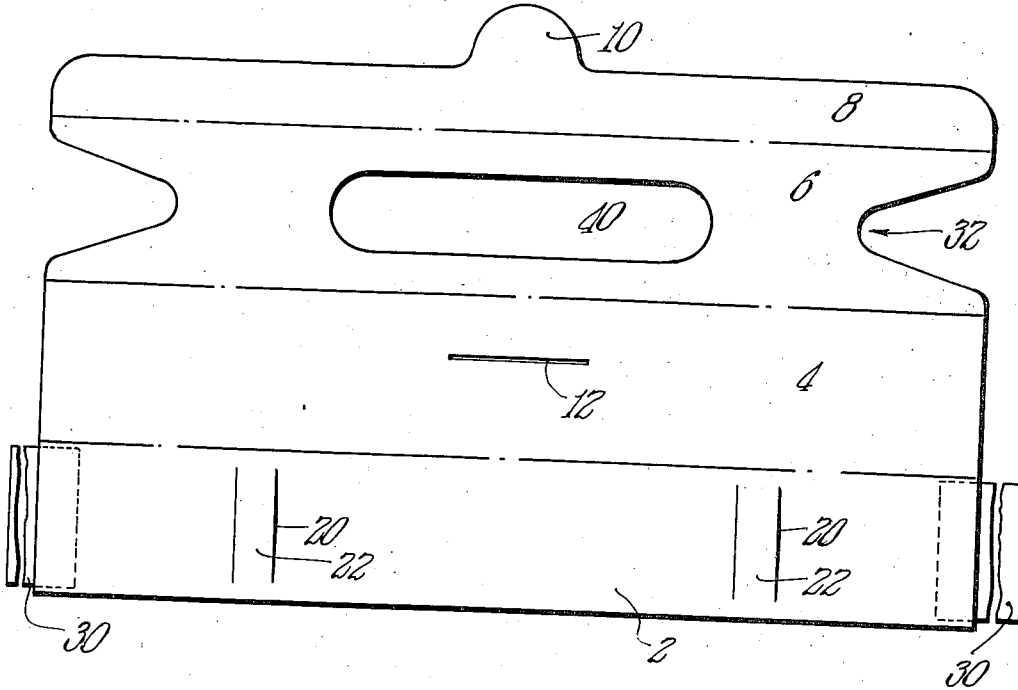


Fig. 2.

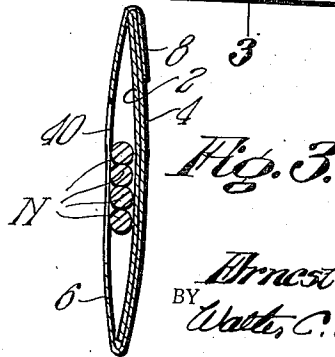


Fig. 3.

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UNITED STATES PATENT OFFICE

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PACKAGE CONSTRUCTION FOR KNITTING
NEEDLES

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2 Claims. (Cl. 206—66)

This invention relates to improvements in package construction and is directed more particularly to the provision of an improved construction including a plurality of longitudinally-extending members having one or more working ends, such as is the case with knitting needles or the like.

For example, knitting needles of conventional form usually have their opposite end portions especially formed to provide working parts and these parts will have various sizes and shapes according to the particular kind of work the needle is to perform and according to the changeable desires of the purchasing public. The package construction of this invention is such that the needles or other implements are not only well and economically contained for purposes of shipping, storage, handling, etc., but the packages are such that they may be displayed in such a way that the working ends of the implement or implements are visible to the purchaser.

It is a special object of the invention to provide a package of the type, and for the purpose, being described wherein a plurality of such implements as knitting needles may be compactly packed in such a way that they are at all times readily available for use yet more or less protected when not in use and wherein particular formation of their working ends are visible from without the package for purposes of inspection.

Still another object of the invention is the provision of a package construction consisting of a relatively-thin envelope-like member so arranged as to efficiently contain and enclose a plurality of implements such as knitting needles in such a way that they lie flat and their working ends are capable of perception by the prospecting purchaser without disturbing the package.

Various other novel features and advantages of the invention will be hereinafter more fully referred to in connection with the accompanying description of the preferred form of the invention, reference being had to the drawing, wherein:

Fig. 1 is a plan view showing the package of the invention in open position with a plurality of knitting needles associated therewith;

Fig. 2 is a plan view showing the same package in closed position; and

Fig. 3 is a sectional view on the line 3—3 of Fig. 2.

Referring now to the drawing more in detail, the invention will be fully described.

The container or enclosure proper may be formed in various ways, as will be obvious after

the disclosure is complete, but I prefer that it include a sheet of foldable material, such as relatively stiff paper, cardboard, or the like, and have a main body part 2.

This will consist preferably of a flat, longitudinally-extending strip such as shown. To a longitudinal edge thereof will be hinged a back flap member 4 which is adapted to lie adjacent to and contiguous with the rear side of part 2 when the envelope is in closed position.

Hingedly connected to the opposite longitudinal marginal edge of the member 4 is a cover flap 6 which is adapted to be folded into a position substantially in parallelism with part 2 when the envelope is closed. That is, when it is desired to retain the contents of the package, such as knitting needles, within it the parts 2, 4, and 6 will be in such relation with one another that the implements are disposed between contiguous parts 2 and 4 and the part 6.

What may be called a retaining member is hinged to the opposite longitudinal marginal edge of the part 6 and this may include a body portion 8 and a tab or flap 10. This is for overlapping or lying adjacent the outside of part 4 when the envelope is closed and there may be a slit or slot 12 in member 4 for receiving the tab 10.

Various means may be provided for retaining the knitting needles or other implements within the packet. According to the drawing, the contents are shown as elongated needles N having working portions W. Such end portions may obviously vary in shape and form and, of course, their particular construction does not form a part of this invention. However, it is desirable that the purchaser be able to perceive the point of the implement in order that she may be sure to obtain the one which best fits her needs.

Preferably the body part 2 is provided with one or more pairs of spaced and parallel slits 20 therein which are so formed as to provide one or more parts 22 which are movable relative to the main part of the member 2. That is, the implements N may be so disposed relative to the envelope blank that the greater part of their lengths are on the upper surface of part 2 and intermediate portions extend through slits 20 so as to underlie by retaining part 22.

Extending from each end of the member 2 are flaps 30 which are hinged thereto so as to be foldable inwardly as shown in Fig. 2 to overlie the end portions of the needles. The cover part 6 is formed to have a notch or notches 32 which are cut in opposite end portions thereof so as to

extend inwardly from end marginal edges of the part.

According to the preferred form of the invention, the flaps 30 are formed of transparent material, such as Cellophane. In this way, when the packet is closed, the flaps 30 serve many functions: they overlie the working parts W of the needle so as to protect them; by being folded inwardly towards one another, they close what would otherwise be open ends of a tube and thereby tend to prevent the needles from slipping out endwise of the package; they extend beneath the cut-outs 32 and thereby complete the closing of the packet and at the same time permit the shape and size of the implements' ends to be observed without requiring the customer or user to open the package.

If desired, the front panel 6 may be provided with a cut-out or window 40 intermediate opposite ends of the strip. This will, of course permit intermediate portions of the implements to be observed and the inner or free ends of parts 30 may or may not extend to such an extent that they underlie cut-out 40.

For reasons of economy, it is desired that the parts 2, 4, 6 and 8 be integral and be a part of a unitary blank which is foldable along more or less straight and parallel lines so that the parts are hinged as described to permit their manipulation into the form of a tube. The material of which the parts are formed may vary and the flaps 30 may be secured to part 6 as by adhesive or the like.

The invention may be embodied in other specific forms without departing from the essential characteristics thereof. Hence, the present embodiments are therefore to be considered in all respects merely as being illustrative and not as being restrictive, the scope of the invention being indicated by the appended claims rather than by the foregoing description, and all modifications and variations as fall within the meaning and purview and range of equivalency of the appended claims are therefore intended to be embraced therein.

What it is desired to claim and secure by Letters Patent of the United States is:

1. A package construction for objects such as knitting needles and the like comprising in combination,

a sheet of material formed to provide main body, back, cover and retaining portion with the back portion hinged at one longitudinal edge to a corresponding edge of the body portion, the cover portion hinged at one longitudinal edge to the other corresponding edge of the back portion and a longitudinal edge of the retaining portion hinged to the other corresponding edge of the cover portion adapted whereby with objects on the front face of the body portion, the back portion may overlie the rear face thereof and the cover may overlie the front face of the body with the retaining member overlying the back portion, the opposite end portions of the cover portion provided with notches for exposing the ends of objects on the body portion, and flexible transparent retaining members extending from opposite ends of the body portion adapted to underlie the end portion of the cover member and overlie the ends of objects on the main body portion.

2. A package construction for objects such as knitting needles and the like comprising in combination, a sheet of material formed to provide main body, back, cover and retaining portion with the back portion hinged at one longitudinal edge to a corresponding edge of the body portion, the cover portion hinged at one longitudinal edge to the other corresponding edge of the back portion and a longitudinal edge of the retaining portion hinged to the other corresponding edge of the cover portion adapted whereby with objects on the front face of the body portion, the back portion may overlie the rear face thereof and the cover may overlie the front face of the body with the retaining member overlying the back portion, the opposite end portions of the cover portion provided with notches for exposing the ends of objects on the body portion, and flexible transparent retaining members extending from opposite ends of the body portion adapted to underlie the end portion of the cover member and overlie the ends of objects on the main body portion, the said body having means adapted to engage objects on the front face thereof and the said retaining and back portions provided with releasable securing means.

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