

Sept. 5, 1950

E. Y. MAUNEY
METHOD OF PACKAGING HOSIERY

2,521,529

Filed Dec. 15, 1947

3 Sheets-Sheet 1

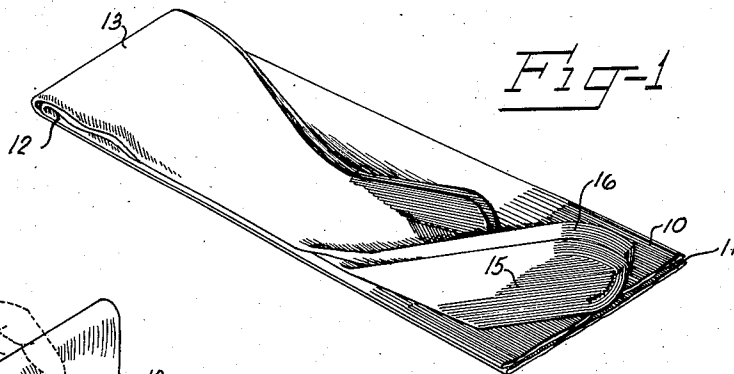


Fig-1

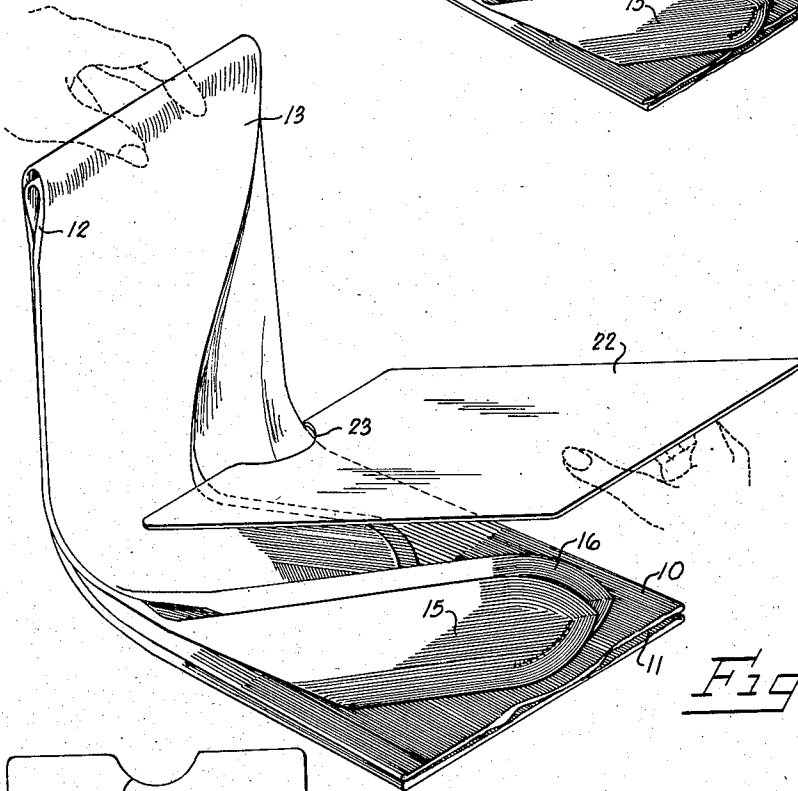


Fig-2

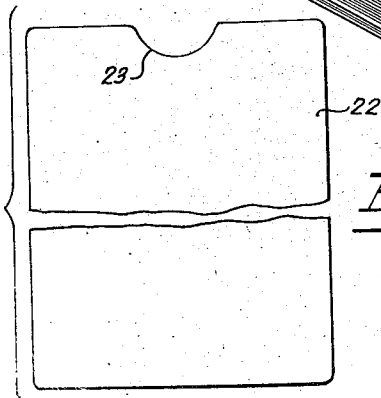


Fig-3

EDWIN YATES MAUNEY,
Inventor.

Paul H. Karon

ATTORNEY.

Sept. 5, 1950

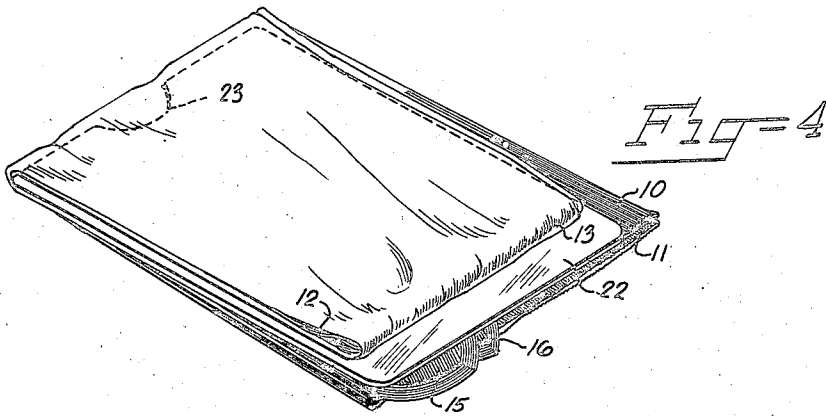
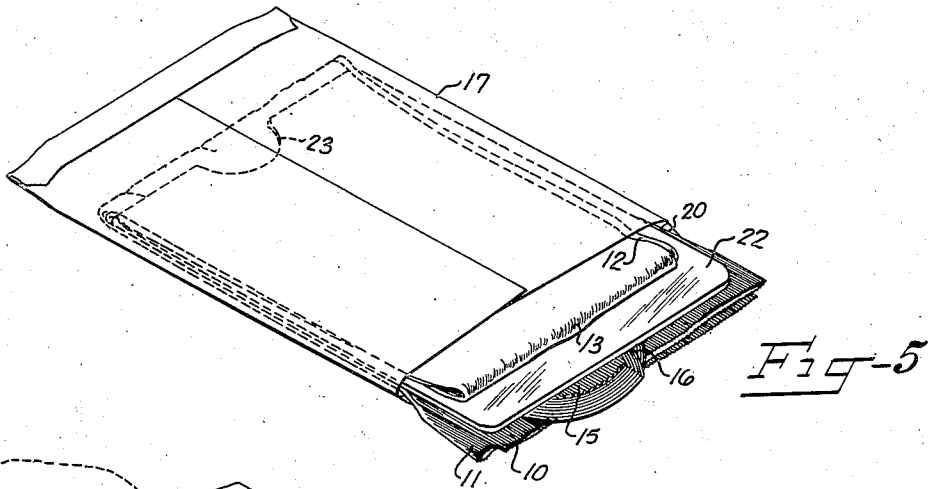
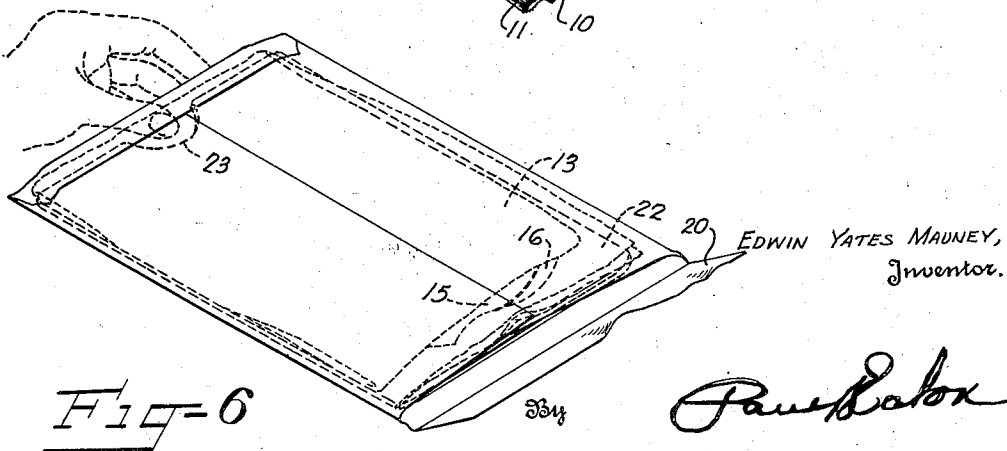
E. Y. MAUNEY

2,521,529

METHOD OF PACKAGING HOSIERY

Filed Dec. 15, 1947

3 Sheets-Sheet 2



EDWIN YATES MAUNEY,
Inventor.

Paul Robb

ATTORNEY

Sept. 5, 1950

E. Y. MAUNEY
METHOD OF PACKAGING HOSIERY

2,521,529

Filed Dec. 15, 1947

3 Sheets-Sheet 3

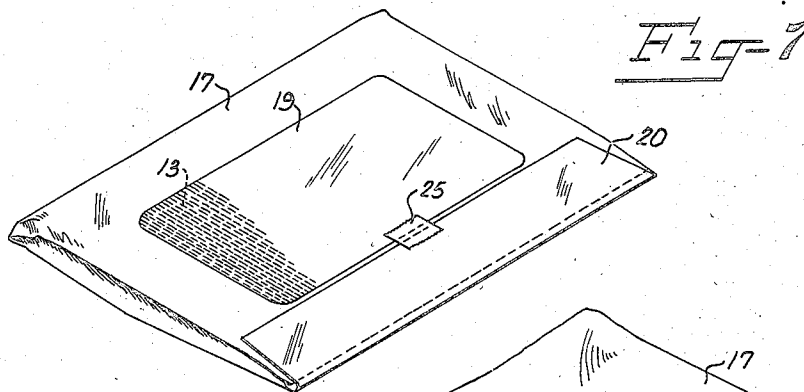
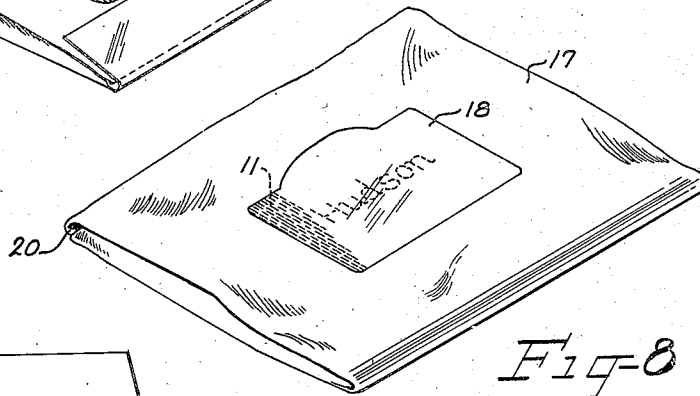
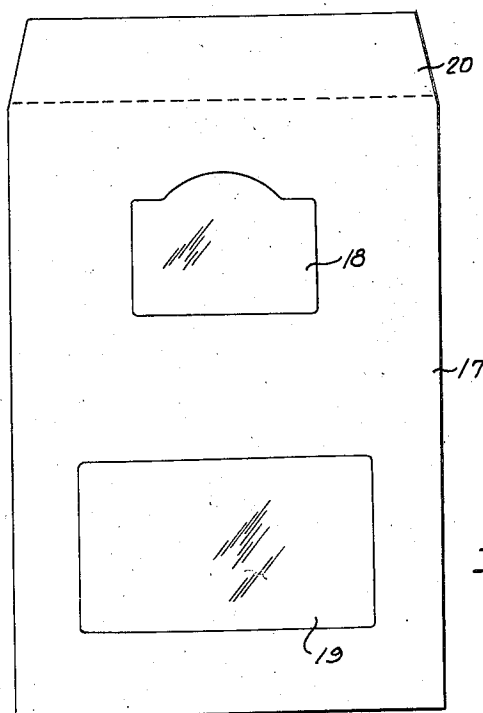


Fig-9

EDWIN YATES MAUNEY,
Inventor.

By

James E. Robb

ATTORNEY

UNITED STATES PATENT OFFICE

2,521,529

METHOD OF PACKAGING HOSIERY

Edwin Yates Mauney, Shelby, N. C.

Application December 15, 1947, Serial No. 791,786

3 Claims. (Cl. 93-3)

1

This invention relates to a special envelope and guiding means for the packaging of ladies' hosiery such as fine gauge nylon, silk and the like which are easily damaged by handling. The invention consists of a method and means for packaging these stockings in a suitable envelope having upper and lower transparent windows in one side thereof or having one side thereof completely transparent. A suitable board member is employed around which a pair of stockings may be doubled and inserted into the envelope in such a manner that the welt portion will show through the transparent upper portion of the envelope and the leg portion will be visible through the transparent lower portion of the same side of the envelope. After the stockings are packaged, the envelope can be doubled upon itself and since the envelope has a flap at its open end, this flap can be brought over and secured to the lower transparent side of the envelope to thus cause the leg portion of the stocking to be visible on one side of the package and the welt portion of the stocking to be visible on the other side of the package.

It is an object of this invention therefore to provide a stocking envelope having a transparent side, or the side having upper and lower transparent windows therein, and a board over which a pair of stockings may be folded for insertion into the envelope and when the stockings have been inserted into the envelope, the board is removed and the envelope is doubled upon itself and sealed in the doubled condition so that the leg portion of the stocking will be visible on one side of the finished package and the welt portion will be visible on the other side.

Some of the objects of the invention having been stated, other objects of the invention will appear as the description proceeds when taken in connection with the accompanying drawing, in which

Figure 1 is an isometric view of a pair of stockings folded at their medial point;

Figure 2 is an isometric view of the folded stockings in Figure 1 being again folded at the medial point of the previous folded condition as shown in Figure 1 and being folded onto a board for insertion into an envelope;

Figure 3 is an elevation of the board made of plastic and other suitable material onto which the stockings are adapted to be folded, the central portion of this board being broken away;

Figure 4 is an isometric view of a pair of stockings folded onto the board and ready for insertion into an envelope;

2

Figure 5 is an isometric view of the stockings after they have been partially inserted into the envelope and while disposed on the board around which they are folded;

Figure 6 is an isometric view of the envelope with the pair of stockings inserted therein and the board around which the pair of stockings were folded being removed;

Figure 7 is an isometric view showing the remote half of the package in Figure 6 folded upon the nearer half and secured with the flap of the open end of the package securing the two folded sections together;

Figure 8 is a reverse view of Figure 7;

Figure 9 is an elevation of the reverse side of the envelope from that shown in Figure 6.

Referring more specifically to the drawings, the numerals 10 and 11 indicate the welt portions of a pair of stockings 12 and 13 respectively which have foot portions 15 and 16. In packaging these stockings, there is provided an envelope 17 having an upper transparent window 18 and a lower transparent window 19, which windows could be of much larger size and could merge with each other and cover the entire side of the envelope shown in Figure 9.

The envelope has a sealing flap 20 adjacent its open end. A pair of stockings are first folded upon themselves as shown in Figure 1 and the foot portions are folded at an angle to cause them to lie within the confines of the welt portions of the stockings.

There is provided a plastic or other grainless board 22 having a cut away portion 23 near one end thereof and being of a size to substantially fill but to slip easily into the envelope 17. After the stockings are folded to the position shown in Figure 1, the board is then placed against a medial portion of the folded pair of stockings as shown in Figure 1 and moved somewhat toward the observer from the position of the board in Figure 2 and the upper portion of the stockings as observed in Figure 1, that is the middle of the leg portions, are seized by one hand of the operator as shown in Figure 3 and are folded to the position shown in Figure 4. In this position, the fingers of the operator, say of the right hand of the operator, are moved to engage the welt and toe portions of the stocking and press them upwardly against the board 22 and the thumb of the operator will engage the top layer of the stockings to then insert the board and folded stockings into the envelope 17 as shown in Figure 5.

When the stockings and the board have been

moved all the way into the envelope as shown in Figure 6, the one hand of the operator will seize the closed end of the envelope and the thumb of that hand will preferably engage the medial portion of the envelope where pressure will not be applied to the end of the board as the thumb will be resting in the cut away semi-circular cavity 23 and thus the other hand of the operator can remove the board 22 from between the stockings and thereby out of the envelope.

With the stockings packaged as shown in Figure 6, the package will then be doubled upon itself transversely along a medial line and folded to the position shown in Figure 7 where the flap 20 will be brought over on top of the side of the envelope having the window 19 therein and will be sealed in position either by heat sealing or by a piece of adhesive tape 25. In this position there will be visible through the window 19 the leg portions of one of the stockings and by turning the package over the welt portion of one of the stockings is visible through the window 18, and usually also the trade-mark of the manufacturer or other data being stamped upon the welt portion is also visible. This permits a thorough inspection of the quality and stitch of the stockings as well as the color without the customer having to handle same, and thus damaging the same by causing picks and pull threads and the like and thus the stockings can be delivered to the customer without having been damaged in any way.

It is thus seen that there has been provided a novel method of packaging hosiery so that both the sheer and the welt portions are visible through transparent portions of the package and yet do not lend themselves to being touched by the hands of customers to damage the same and so the stockings can thus be delivered to the customers in perfect condition.

In the drawings and specification there has been set forth a preferred embodiment of the invention, and although specific terms are employed, they are used in a generic and descriptive sense only, and not for purposes of limitation, the scope of the invention being defined in the claims.

I claim:

1. That method of packaging a pair of stockings in an envelope having an open end provided with an end flap and having one side thereof transparent which comprises folding the toe portions of the stockings onto the welt portion of the stockings, then engaging the medial portion of the folded pair of stockings with one end of a suitable guide board having the medial portion of said one end cut away and folding the medial portion of the stockings on top of the board while the foot and welt portions of the stockings appear on the lower side of the board, then seizing the board and the stockings folded therearound by its other end and inserting them into the open end of the envelope, then engaging the stockings at the point where they cover the cut away portion of the board and removing the board from the package, then doubling the package transversely along a medial line and bringing the end flap of the package over and affixing it to the transparent side of the package near the bottom thereof to thus cause the leg portion of the stock-

ings to be visible on one side of the package and the welt portion of the stockings to be visible through the other side of the package.

2. That method of packaging stockings in an envelope having an open end with an end flap and having upper and lower transparent windows on the side thereof to which the end flap is attached, which comprises folding a pair of stockings so that the foot portions rest on the welt portions thereof, then folding the previously folded stockings along a transverse medial line of the previously folded pair of stockings and onto a suitable stiffening board having a gap cut in the end which engages said medial line, then seizing the upper and lower layers appearing on both sides of the other end of the board, then inserting the stockings and the board into the envelope, then seizing both sides of the bottom end of the package at the point where the gap appears in the board and removing the board from the envelope, then folding the envelope and the stockings along a transverse medial line to cause the bottom of the envelope to appear approximately in alignment with the open end of the envelope, then folding the end tab of the envelope over onto the bottom portion of the folded envelope and affixing the end tab to said bottom portion of the envelope and on the side having the windows therein, whereby the welt portion of the stocking will be visible through a window on one side of the finished package and the leg portion of the stocking will be visible through the window on the other side of the finished package.

3. That method of packaging a pair of stockings which comprises folding the stockings along a transverse line at the medial portion thereof to cause the foot portions of the stockings to rest on the welt portions of the stockings, then engaging the medial portion of the folded stockings with one end of a board having a gap therein and of substantially the size of the stockings, engaging with the hand of an operator the upper and lower layers of the stockings and pressing them against the upper and lower sides of the board, then inserting the stockings folded onto the board into an open ended envelope having an end closure tab, then withdrawing the board from the envelope and leaving the stockings therein, then folding the envelope and the stockings along a transverse medial line to cause the bottom of the package to occupy a position in a substantial alignment with the open end of the package, and then folding the closure flap over onto the bottom portion of the envelope and securing the closure flap to the bottom portion of the envelope.

EDWIN YATES MAUNEY.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
696,985	Lucas	Apr. 8, 1902
701,839	Callahan	June 10, 1902
1,417,752	Lindgren	May 30, 1922
1,759,185	Campbell	May 20, 1930
2,080,099	Strasser	May 11, 1937
2,233,945	Gurwick	Mar. 4, 1941