

March 26, 1968

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3,374,911

PLASTIC COSMETIC JAR

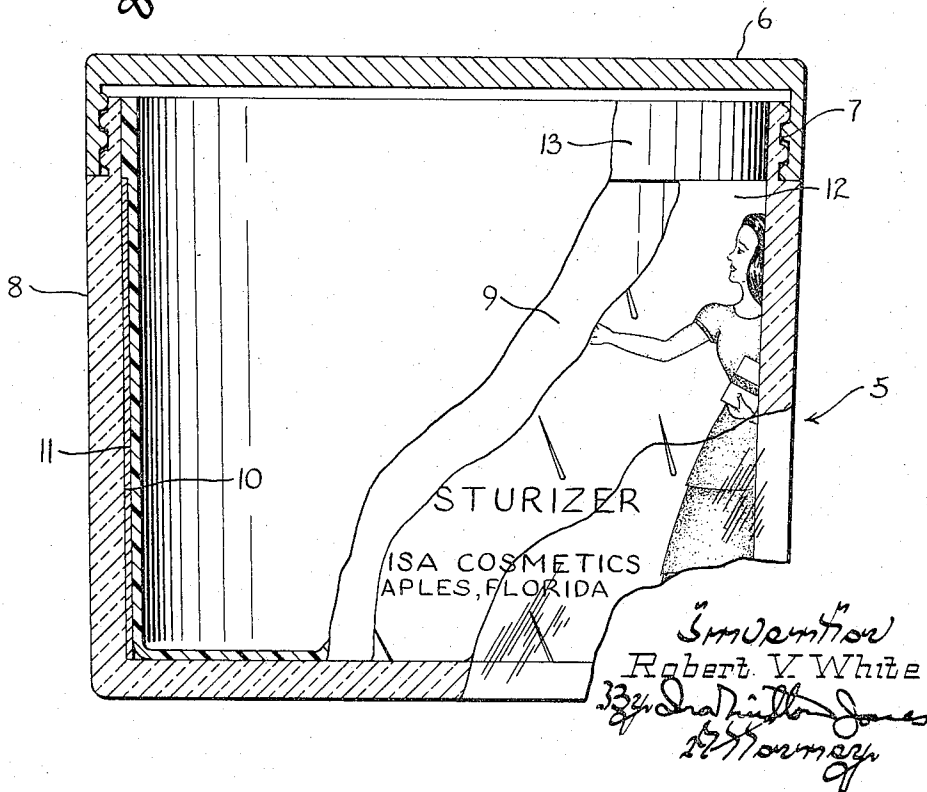
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2 Sheets-Sheet 1

Fig. 1.



Fig. 2.



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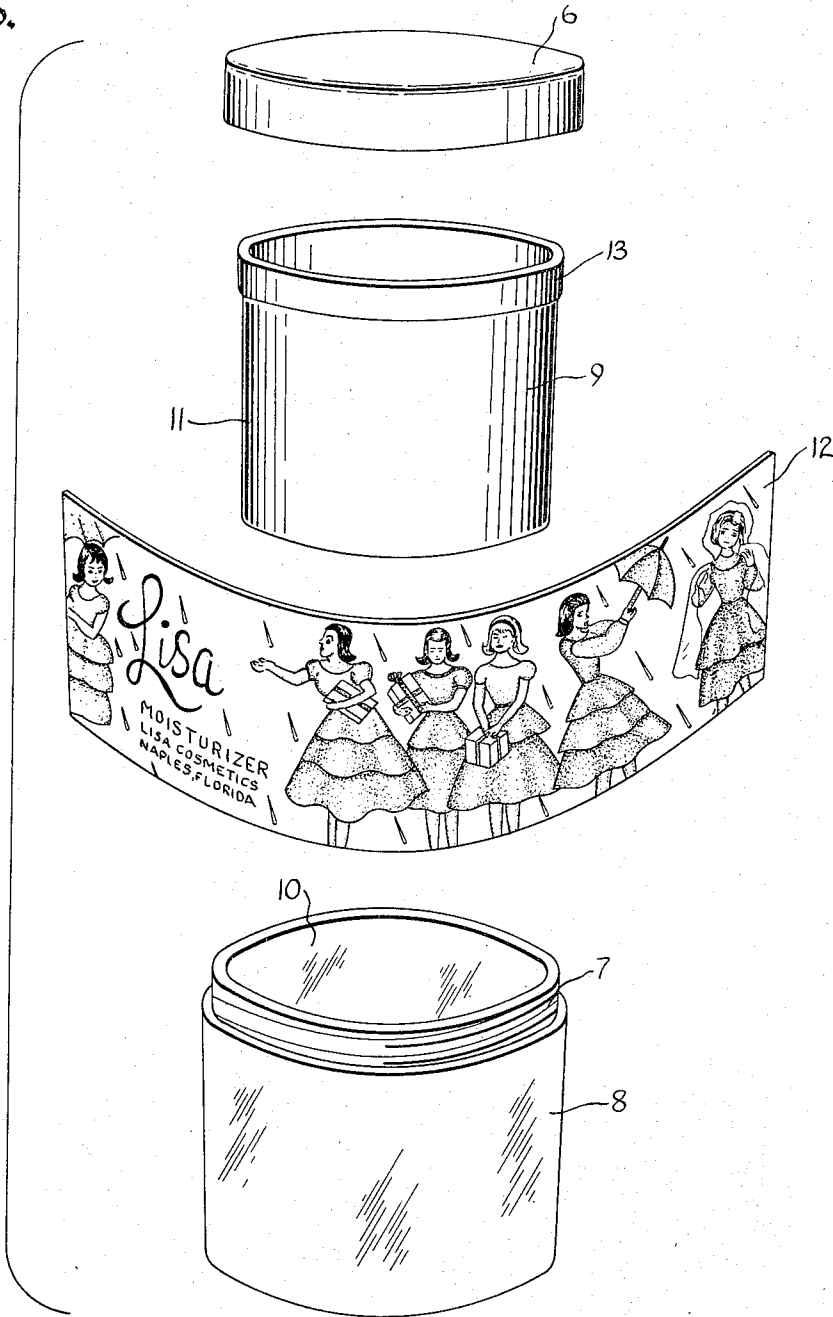
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2 Sheets-Sheet 2

Fig. 3.



Invention  
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**PLASTIC COSMETIC JAR**

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**ABSTRACT OF THE DISCLOSURE**

A plastic jar for cosmetic creams has a liner of plastic that is impervious to such creams inside an outer shell of clear transparent plastic, with a paper band encircling the liner and tightly confined between the contiguous surfaces of the side walls of the shell and liner, the band having decorative indicia thereon which is visible through and protected by the clear transparent side wall of the outer shell.

This invention relates to jars especially adapted for use with cosmetic creams and similar products and has as its object to provide an improved and more attractive jar for this purpose.

Recently, plastic jars have begun to replace the conventional glass jars in which cosmetic creams of all types have previously been packed. But the plastic jars heretofore available were lacking in eye appeal. With a view toward correcting that deficiency, the present invention has as a more specific object the provision of a jar which comprises an inner liner within an outer cup-shaped shell, both molded of plastic, with a band-like insert of sheet material tightly confined between the contiguous side walls of the shell and liner, the band-like insert having decorative indicia on its outer face, to be visible through and protected by the side wall of the outer shell which is crystal clear.

Another and more specific object of this invention is to provide a jar of the character described in which the inner liner and outer shell have sealing engagement at their open ends to protect the band-like decorative insert from contact with the contents of the jar or any other substance which might mar the decorative quality of the insert.

With the above and other objects in view which will appear as the description proceeds, this invention resides in the novel construction, combination and arrangement of parts substantially as hereinafter described and more particularly defined by the appended claims, it being understood that such changes in the precise embodiment of the herein disclosed invention may be made as come within the scope of the claims.

The accompanying drawings illustrate one complete example of the physical embodiment of the invention constructed according to the best mode so far devised for the practical application of the principles thereof, and in which:

FIGURE 1 is a perspective view of a jar embodying this invention;

FIGURE 2 is a side view of the jar with parts broken away and in section; and

FIGURE 3 is an exploded perspective view of the component parts of the jar.

Referring now to the accompanying drawings, the numeral 5 designates generally the body of a jar made in accordance with this invention, the open top of which is closed by a lid 6 removably secured in place by a screw-threaded connection 7 with the body of the jar.

The body of the jar consists of two cup-shaped plastic moldings—namely, an outer shell 8 and an inner liner 9.

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the upper edges of which are coterminous and may be flush with one another. At least the inner surface 10 of the shell and the outer surface 11 of the liner are substantially cylindrical. The qualification "substantially" is used since—as will be readily appreciated by those skilled in the art of plastic molding—these surfaces must be slightly tapered to enable removal of the molded parts from the dies.

The diameter of the inner surface 10 of the shell is larger than that of the outer surface 11 of the liner, by the thickness of a band-like insert 12 of paper or similar sheet material which is wrapped about the liner before the liner is assembled with the shell.

At its upper open end, the liner 9 has a rim 13 formed integrally therewith. The outside surface of this rim is cylindrical and spaced from the outer surface of the liner side walls a distance very slightly greater than the thickness of the band or insert 12, so that the rim has a tight, sealing friction fit in the upper end portion of the shell. Hence when the parts are assembled the band or insert 12 which is snugly confined between and held neatly smooth by the contiguous surfaces 10 and 11, will be protected from contact with the contents of the jar or any other extraneous substance that might have a deleterious effect upon the insert.

It is known that cosmetic creams contain ingredients which will deteriorate most plastics, but not polypropylene. Accordingly, the inner liner 9 is preferably molded of polypropylene, though it should be understood that in the event plastics are developed that can withstand the deteriorating influence of certain ingredients of cosmetic creams, such plastics could be used in lieu of polypropylene. It is of no consequence whether the liner is opaque, translucent or clear.

The outer shell 8, however, is molded of a crystal clear transparent plastic—preferably polystyrene. Here again, though, it is to be understood that any other suitable clear, transparent plastic could be used, but it is essential that the outer shell be clearly transparent.

The clear transparency of the outer shell makes the band or insert of sheet material 12 clearly visible. This enables giving the jar an exceptionally pleasing appearance by simply applying decorative indicia on the outer surface of the band or insert 12, as by printing or other suitable means.

Needless to say, the decorative indicia can take any form and may include suitable identification of the product to be contained in the jar and the identity of the seller or manufacturer thereof. Preferably the band or insert 12 is opaque so that the contents of the jar are not visible through its side wall, it being understood that the band or insert extends for the full height of the jar, more specifically, from the underside of the rim 13 to the bottom of the liner.

From the foregoing description taken in connection with the accompanying drawings, it should be readily apparent to those skilled in this art that this invention provides a unique jar or container especially suited for use in the retail distribution of cosmetic creams; that despite the fact that it is made in two parts, an outer shell and a separate liner therein, the confinement of the wrap-around band or insert between the contiguous side walls of the shell and liner eliminates all air space between the shell and liner and in effect produces substantially a solid walled jar. It will also be appreciated that the confinement of the paper or other sheet material insert with its decorative and identifying indicia, between the contiguous side walls of the shell and liner, obviates the need for applying labels to the exterior of the jar which, in the past, had to be protected against scuffing or abrasion by adjacent jars; and, finally, that the crystal clear transparent quality of the outer shell enhances the deco-

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rative indicia or surface configuration of the band or insert.

What is claimed as my invention is:

1. A jar especially adapted for use as a container for cosmetic creams, comprising:

- (A) an outer cup-shaped shell of clear transparent plastic, 5  
said shell having a substantially cylindrical inner side wall surface;
- (B) an inner cup-shaped preformed liner in the shell, 10  
said liner being formed of plastic having good resistance to deterioration by ingredients of cosmetic creams, and having an outer substantially cylindrical side wall surface of slightly smaller diameter than the inner surface of the side wall of the shell; 15
- (C) a band of sheet material wrapped around the side wall of the inner liner and tightly confined between the contiguous side wall surfaces of the outer shell and the inner liner, 20  
said band having decorative indicia on its outer face to be visible through and protected by the clear transparent plastic side wall of the shell;
- (D) a rim portion integral with and encircling the upper end portion of the side wall of the inner liner 25  
above the band of sheet material,  
said rim portion projecting from the outer surface of the liner side wall a distance slightly greater than the thickness of the band of sheet material, and said rim portion having tight seal-

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ing engagement with the upper end portion of the outer shell,

so that the band of sheet material and the indicia thereon are fully and completely protected from contact with deleterious substances;

(E) the upper edge of said band of sheet material being directly contiguous to said rim portion, and the lower edge of said band of sheet material being directly contiguous to the bottom of the inner liner;

(F) a lid for the jar; and

(G) means for removably securing the lid to the outer shell.

2. The jar of claim 1, wherein said band of sheet material is opaque so that the contents of the jar are not visible through the side of the jar.

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