

April 26, 1938.

S. ROSEN

2,115,318

COMMODITY WRAPPER

Filed Oct. 10, 1935

Fig. 1.

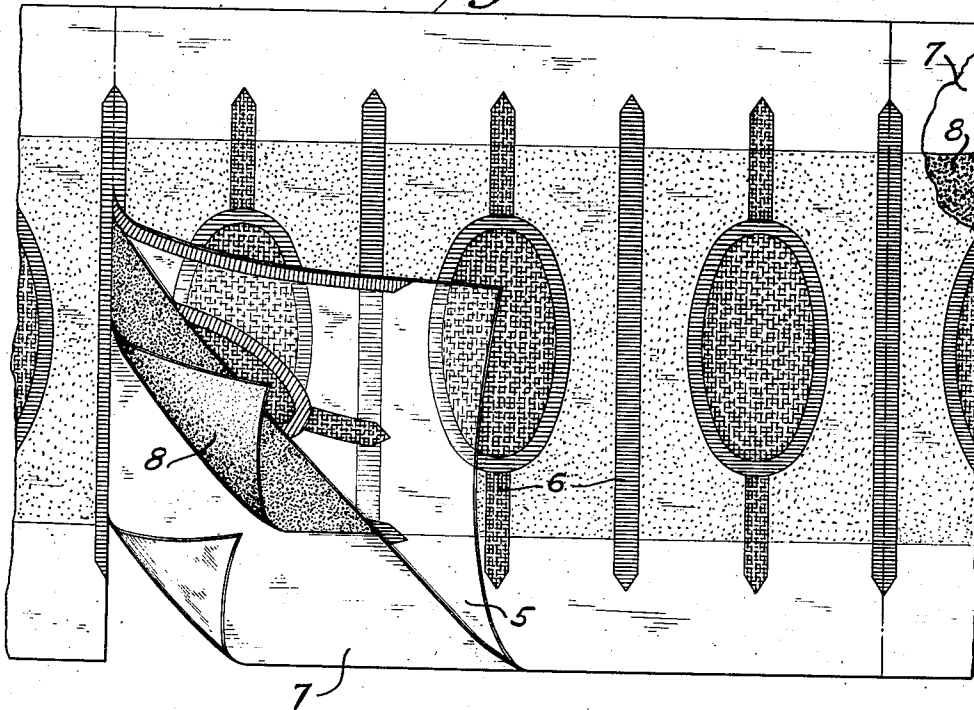


Fig. 2.

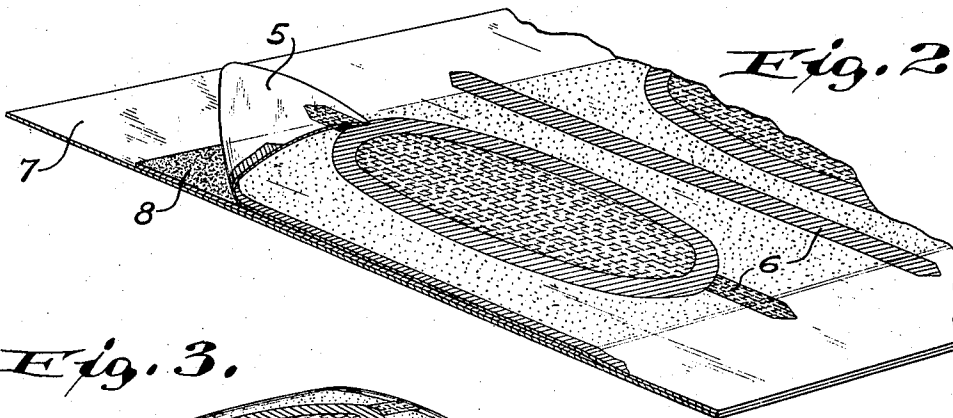
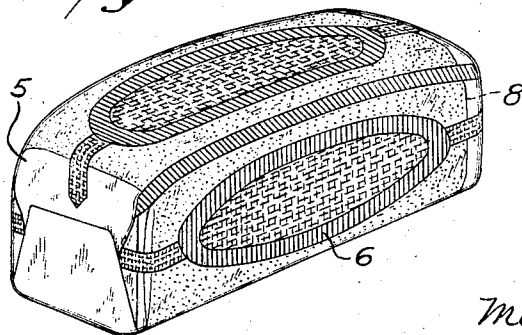


Fig. 3.



INVENTOR.

BY *Sky Rosen*

Morsell, Lieber & Morsell
ATTORNEYS.

UNITED STATES PATENT OFFICE

2,115,318

COMMODITY WRAPPER

Shy Rosen, Flushing, N. Y.

Application October 10, 1935, Serial No. 44,330

6 Claims. (Cl. 229-87)

This invention relates generally to improvements in the art of wrapping commodities so as to enable sanitary and attractive merchandizing thereof, and relates more specifically to improvements in the construction of decorative commodity wrappers for loaf-like merchandise such as bread, cakes, candy bars, or the like.

A general object of the present invention is to provide an improved commodity wrapper which is simple in construction and therefore readily produceable, and which is moreover highly attractive and effective in use.

It has heretofore been proposed as shown and described in Hanson application Serial No. 20,793, filed May 10, 1935, to provide a composite wrapper for loaf-like commodities, comprising an outer wrapping sheet of relatively thick paper which is rendered more or less transparent by the application of wax; and a ribbon or strip of light reflective sheet material such as metallic foil secured to the inner surface of the outer sheet, preferably with the aid of the wax coating applied to the latter. Either or both the outer sheet and the inner strip of this prior wrapper may be provided with printed, tinted, or decorative areas at the zone of coaction between the two elements of the composite structure; and because of the fact that the inner foil strip is relatively frail and might be damaged in handling, this inner strip was preferably backed with a thin sheet of relatively stronger material. The prior composite wrapper also necessitated the use of relatively heavy stock in the outer sheet, in order to provide sufficient strength and to avoid undesirable loosening of the folds after application of the wrapper to the article, and the use of this heavy paper stock and of the backed foil resulted in relatively high cost of production of these prior composite commodity wrappers.

It is therefore a more specific object of the present invention to provide an improved composite wrapper possessing all of the advantages of the prior structure above described, but which obviates the disadvantages thereof by avoiding necessity of utilizing heavy paper stock and backed foil.

Another specific object of the present invention is to provide an improved wax-coated wrapper for loaf-like commodities, which is durable in construction, and which will not tend to become loose or to unfold after having been applied to an article.

A further specific object of the invention is to provide an improved composite wrapper, wherein the several component parts or constituents are

united and held in desired position solely by the stiffening and waterproofing agent, preferably wax.

Still another specific object of the invention is to provide a new and useful wrapper which can be readily manufactured and sold at moderate cost, and which may be conveniently applied to an article without marring the appearance of the wrapping.

An additional specific object of the invention is to provide an improved loaf wrapper which is highly attractive, and which may be formed and applied to produce an encircling stripe of emblazoned appearance about the loaf extending either longitudinally or transversely thereof.

These and other objects and advantages will be apparent from the following detailed description.

A clear conception of one specific embodiment of the present invention, and of the manner in which the improved composite commodity wrappers may be manufactured and utilized, may be had by referring to the drawing accompanying and forming a part of this specification wherein like reference characters designate the same or similar parts in the various views.

Fig. 1 is a partially separated or disrupted plan view of one of the improved wrappers, and fragments of several other adjoining wrappers, showing the method of producing a series of the composite structures, and also showing how the several component elements are assembled;

Fig. 2 is a somewhat enlarged and distorted sectional perspective view of a fragment of one of the improved wrappers; and

Fig. 3 is a perspective view of a completed package comprising a loaf of bread or the like, packed within one of the improved commodity wrappers.

Although the invention has been illustrated herein as being embodied specifically in a composite wrapper for bread composed of two sheets of wax coated paper of substantially like area having a foil strip of lesser area confined therebetween; it is not the intent to unnecessarily restrict the scope by virtue of this specific embodiment, since the improved features might obviously be applied to other types of wrappers and for other uses without departing from the spirit of this invention.

By referring to the drawing, it will be noted that the specific embodiment of the invention shown therein, comprises in general, an outer sheet 5 of predetermined area having colored decorations 6 applied thereto and subsequently rendered more or less transparent by the appli-

cation of a wax coating; an inner sheet 7 of substantially the same area as the outer sheet 5 and either wax coated or not but secured to the outer sheet; and a strip 8 of opaque or light reflective sheet material such as metallic foil, interposed between the central portions of the sheets 5, 7 and extending entirely thereacross.

The decorations 6 if applied to the outer sheet 5 as shown, are preferably applied to the ribbon stock from which this sheet is formed, by printing with transparent ink before the wax coating is applied. These decorations may however be omitted entirely, or they may be applied directly to the outer face of the intermediate strip 8, in order to produce the desired effect. Advertising matter and descriptive lettering may also be thus applied in addition to or instead of the decorations 6 specifically disclosed, and all of this decorative and printed matter is subject to considerable variation in actual commercial use of the improved wrapper.

While the inner sheet 7 is shown as being of the same area as the outer sheet 5, by virtue of the fact that both of these sheets are formed of stock having the same width, this is not necessarily so. The outer face of the inner sheet 7 is preferably wax coated, but the inner surface thereof may or may not be coated. Both of the sheets 5, 7 are preferably formed of relatively thin but strong paper stock, and these sheets are secured to each other beyond the edges of the intervening strip 8, by pressing the adjacent wax coated surfaces thereof together while the wax is still in relatively molten condition.

The intervening strip 8 may be formed of any suitable opaque or light reflective material, preferably unbacked metallic foil of relatively light weight. This foil may be secured either to the adjacent surface of the sheet 7 or of the sheet 5, or both, by the wax coating, and the surface of the foil may be crinkled or roughened so as to enhance the adhesive action of the wax. The attachment of the foil to the sheet 7 or to the sheet 5, may likewise be effected before the attaching wax coating has finally set; and when the sheets 5, 7 and the strip 8 have been once united, it is difficult to separate these components of the wrapper.

Although the improved wrappers may be formed in various ways, one mode of manufacturing the same, is by initially applying the decorations 6 and other decorative or printed matter to a continuous ribbon of the outer sheet stock, or of the foil. The ribbons of outer and inner sheet stock may subsequently be coated with wax as desired, and before the wax coatings have set, the three ribbons of material may be fed in superimposed relationship, through a set of pressing rolls to intimately unite the same into a composite continuous ribbon. This ribbon may subsequently be cut into suitable lengths to produce the successive completed individual composite wrappers, as clearly shown in Fig. 1.

Each of the individual composite wrappers may thereafter be applied to a loaf of commodity such as bread, or to a loaf of other confection or a bar of candy, or any other object, as specifically illustrated in Fig. 3, and the strip 8 may be caused to extend either longitudinally of the loaf or transversely thereabout as shown. The wax coating of the outer and inner sheets 5, 7 will not only effectively protect the loaf against undesirable entry or escape of moisture, but also serves to retain the ends of the wrapper in folded condition. The opaque or light-reflective strip 8

serves the dual purpose of protecting the commodity against the detrimental effects of light, and to also provide a light reflective or mirror-like surface for emblazoning the external appearance of the package. By selecting suitable colors and transparent inks in applying the decoration 6, the foil strip 8 may be caused to produce glowing color effects, and other highly esthetic appearances may be created in the improved wrapper structure.

It has been found that with the present invention, relatively thin and inexpensive material may be utilized in the formation of the outer and inner sheets 5, 7, and that a relatively thin opaque intermediate sheet may also be utilized to produce a composite structure which is not undesirably heavy and difficult to apply. The wax coatings serve to effectively combine and secure the composite elements of the wrapper and the joints are not subject to undesirable separation during handling and application of the wrappers. The disposition of the foil strip 8 between the outer and inner sheets 5, 7, avoids necessity of utilizing backed foil, since the inner sheet 7 serves as an effective backing for the strip 8 and also serves to prevent displacement of the latter relative to the outer sheet 5.

It should be understood that it is not desired to limit the present invention to the exact details of construction and to the precise mode of use of the wrappers herein shown and described, for various modifications within the scope of the claims may occur to persons skilled in the art.

I claim:—

1. A composite wrapper, comprising, an outer wax coated relatively transparent sheet having a decorative area thereon, an inner sheet secured to edge portions of said outer sheet by said wax coating, and a piece of foil confined between said sheets at said decorative area, said foil having a roughened surface and being held in place by wax coating with one of said sheets and with said surface.

2. A composite wrapper, comprising, an outer sheet having a decorative area rendered transparent by a wax coating, an inner sheet secured to edge portions of said outer sheet by said wax coating, and a layer of opaque sheet material confined between said sheets at said decorative area, said opaque material having a roughened surface and being held in place by wax coating with one of said sheets and with said surface.

3. A composite wrapper, comprising, outer and inner sheets coating with each other along edge portions thereof, one of said sheets having a decorative transparent area and said sheets being secured together by a wax layer interposed between said coating edge portions, and a piece of light-reflective opaque material confined between said sheets at said decorative area, said light-reflective material having a roughened surface and being held in place by wax coating therewith and with one of said sheets.

4. A composite wrapper, comprising, an outer wax coated sheet having a decorative medial area rendered transparent by said coating, an inner sheet secured to said outer sheet outwardly beyond said area by said wax coating alone, and a piece of foil confined between said sheets at said decorative area by the coating wax coating with said foil.

5. A composite wrapper, comprising, an outer sheet having a decorative transparent medial area, an inner sheet secured to said outer sheet outwardly beyond said area by an intervening

layer of wax, and a piece of foil-like material confined between said sheets at said decorative area, said piece of material having a roughened zone and being held in place by wax coating with one of said sheets and with said zone.

a wax coating on the inner face thereof, an inner sheet secured to the inner face of said outer sheet by said wax coating alone, and a piece of foil confined between said sheets at said decorative area by said wax coating alone.

5

6. A composite wrapper, comprising, an outer sheet having a decorative transparent area and

SHY ROSEN.

5