Feb. 23, 1937. R. E. HANSON 2,071,976

WRAPPER

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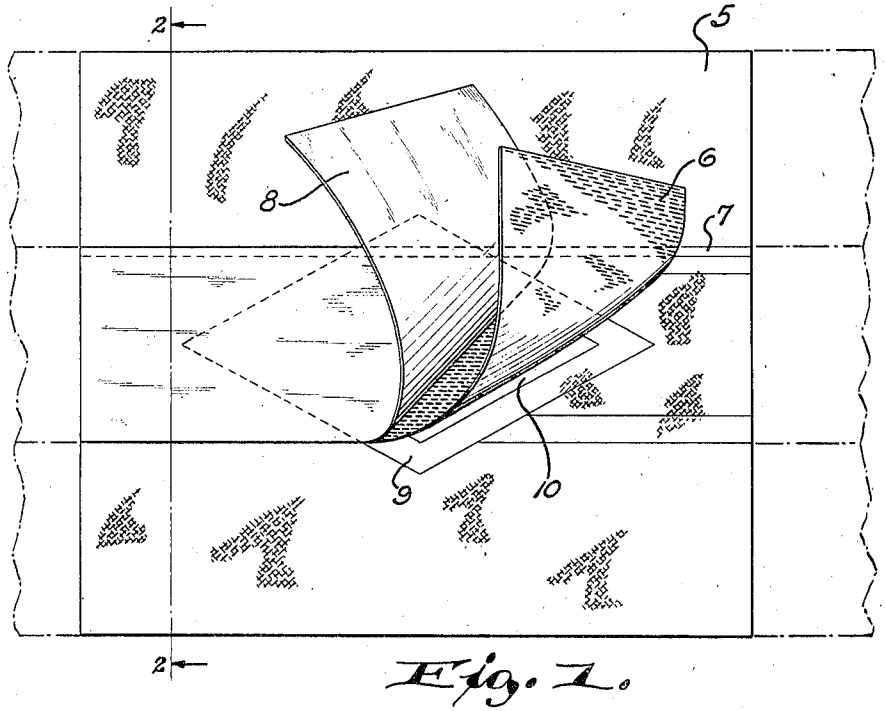


Fig. 1.

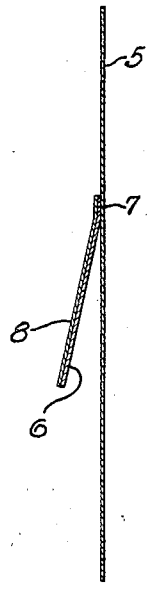


Fig. 2.

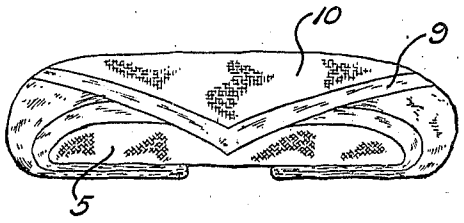


Fig. 3.

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WRAPPER

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6 Claims. (Cl. 229—87)

This invention relates generally to improvements in the art of packaging commodities, and relates more specifically to an improved decorative and protective wrapper for concealing or confining one or more articles, and to an improved package resulting from the use of such a wrapping.

Generally stated, an object of the invention is to provide a simple and highly protective wrapper for diverse articles, which will produce an attractive and compact final package.

It has heretofore been customary to wrap articles such as chocolate coated confections, in double flexible wrappers, each comprising an inner metal foil wrapper and an independent outer transparent or translucent wrapping of the same size, surrounding and cooperating with the inner foil wrapper to protect the article and to produce an attractive external appearance. By utilizing a tin or aluminum foil inner wrapper and an outer orange colored translucent wrapping for the inner wrapper, a glowing golden color results; and with the aid of suitably colored printing or other decorations applied to the outer wrapping, it is possible to produce a relatively attractive final package. Because of the relatively high cost of metal foil, and of the fact that the outer and inner components of these prior wrappers were of the same area or size, these previous composite wrappings were rather costly to produce, and considerable metal foil was wasted since it was used to also cover relatively guarded rear portions of the articles such as may be sufficiently protected merely with the aid of the cheaper outer wrapping material.

It is therefore a more specific object of the present invention to provide a less expensive but equally protective wrapper which possesses all of the above stated advantageous characteristics of the prior composite wrappers referred to.

Another specific object of the invention is to provide an improved wrapper for articles such as chocolate bars or chocolate coated confections, which will effectively protect only certain relatively exposed portions such as the top, sides, and ends of the articles against detrimental action of light, but which will totally conceal and protect the commodity against moisture.

Still another specific object of the invention is to provide a durable and compact composite wrapping which can be readily manufactured and utilized with minimum waste of material and hence at minimum cost, and which constitutes a unitary covering adapted to be applied to an article in one operation.

A further specific object of the invention is to provide an improved package of highly attractive and ornamental appearance, wherein the concealed article is most effectively protected against possible deterioration due to light, moisture, or other exposure.

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

A clear conception of an embodiment of the invention, and of the mode of producing and of utilizing improved wrappers manufactured in accordance therewith, may be had by referring to the drawing accompanying and forming a part of this specification, wherein like reference characters designate the same parts in the several views.

Fig. 1 is a rear plan view of one of the improved composite wrappers showing portions thereof folded up so as to show the details of construction, and also showing fragments of adjoining wrappers in dot-and-dash lines;

Fig. 2 is a transverse section thru the wrappers of Fig. 1, taken along the line II—II; and

Fig. 3 is a side elevation of a package utilizing the improved wrapper.

While the invention has been shown and described herein as being specifically applied to a wrapper which is especially adapted for use in the packaging of chocolate bars or the like, it is not intended to limit the scope by such specific disclosure.

Referring to the drawing, the improved composite wrapper comprises in general an outer sheet 5 of transparent or translucent material; an inner or intermediate strip or sheet 6 of metallic foil adhesively secured along one of its edges to the inner surface of the sheet 5 as indicated by the area 7; and preferably an innermost backing sheet 8 attached directly to the rear surface of the inner sheet 6.

The outer sheet 5 may be formed from a continuous ribbon of material such as glassine paper, which, in the embodiment specifically illustrated, is orange colored and semi-transparent thruout its entire area. This material is moisture resistant and will not stick to articles such as candy bars because of its smooth and non-porous texture. The outer surface of the sheet 5 may, if desired, be provided with a decorative border 9 and identifying printing, to form a local window 10 as shown, thru which a portion of the underlying metal foil strip 6 is hazily, but not clearly, visible.

The metallic foil inner strip or sheet 6 is of considerably less width than, but of the same

length as the outer sheet 5, the area of this sheet 6 being sufficient to cover only the entire top, portions of the sides, and the entire ends of the articles which are to be concealed in the wrapper, as shown in Fig. 3. Such metallic foil will tear rather readily and if brought into direct contact with articles such as candy or chocolate bars, will tend to stick to the article. The backing sheet 8 is therefore provided as a reenforcement for the foil and to prevent sticking. As specifically shown, the sheet 8 may be formed of tough tissue paper and is attached directly to the rear surface of the foil sheet 6 by applying a paraffin coating or other adhesive between these elements. In some instances, the sheet 8 may consist of a strip of box-cover paper, comprising a tough tissue paper coated with foil. These strips may, in any event, be formed as continuous ribbons which, as previously indicated, are adhesively secured to the outer sheet ribbons at lineal areas 7 before the composite ribbons are severed into lengths to form the unitary wrappers. While the inner strip 6 and sheet 8 have been shown in Fig. 2 as extending away from the outer sheet 5 at a slight angle, the outer and inner components of the wrapper will normally be flat against each other.

During the manufacture of the improved wrappers, the composite inner strip, comprising the foil sheet 6 and the backing sheet 8, is first produced by attaching these components to each other with the aid of paraffin; and this paraffin, besides connecting these parts, also serves to make the inner strip moisture resistant and prevents the foil from coming in direct contact with the article. The inner foil strip 6 is then adhesively attached along one edge and at the area 7 to the inner surface of the ribbon from which the outer sheets 5 are to be formed, thus producing a continuous ribbon of the outer wrapping material having a strip of the inner wrapping material secured to the inner surface thereof and lying flat against this surface. The composite ribbon is subsequently severed into suitable lengths to produce the final wrapper units in succession, and the outer surfaces of these wrappers may be provided with decorative printing, such as the borders 9, either before or after the severing operation.

Each of individual articles may subsequently be concealed within one of the composite wrappers thus produced in one operation by locating the wrapper so that the protective inner strip directly engages the top, portions of the opposite sides, and the ends of the article, and by subsequently folding the outer wrapper sheet 5 beneath the article at the sides and by thereafter folding the protruding ends of the double sheets under the article, as clearly illustrated in Fig. 3. With the article thus wrapped, the outer sheet 5 and the intermediate shiny and reflective sheet 6 cooperate to provide an ornamental appearance which, at the window 10, produces an emblazoned or glowing golden effect. The gold color results from the use of a semi-transparent orange colored outer sheet 5, cooperating with a silver colored shiny surfaced intermediate sheet 6. The attachment of the foil sheet 6 to the inner surface of the outer sheet 5 along an edge portion only of the former, is desirable in order to avoid destroying the reflective character of the shiny foil surface, such as might result from the use of a layer of adhesive between these sheets thru-out their entire cooperating areas. The concealed article is effectively protected against detrimental action by light and moisture at those portions thereof which are exposed during normal display of the package, and the entire article is furthermore protected against moisture and contact with other objects, at the bottom, by the multiple layers of the outer sheet 5 alone. While the wrapper shown has been provided with a definite window 10, such window may obviously be omitted and any other form of decoration may be applied to the outer surface of the sheet 5.

By placing the metallic foil within the outer wrapper, this foil is effectively protected against tearing, and by providing a backing sheet 8 for the foil intermediate sheet 6, the foil is further protected against tearing and also against adhesion to the wrapped articles. The final package presents a neat and highly attractive appearance, and by limiting the area of the foil, the cost of producing the improved wrapper is reduced to a minimum without destroying the effectiveness thereof. The outer wrapper may obviously be formed of material other than glassine paper, and other foils may be utilized in producing the sheet 6; but in any case, it is desirable to have the outer sheet formed either of transparent or semi-transparent sheet material which is moisture proof and relatively tough. The uniform coloring of the outer transparent sheet 5, which may be produced in any suitable manner, may extend thru-out the entire area of this sheet or only over the intermediate sheet 6, and either the coloring of the outer sheet or the coloring of the foil sheet may be varied to produce a great variety of attractive emblazoned effects; and the reading or decorative matter may be applied to the surface of the outer sheet 5 above the foil reflector, by printing or otherwise. The improved wrapper has proven highly successful in actual use and may be conveniently handled and applied to produce a package having minimum bulk.

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

It is claimed and desired to secure by Letters Patent:

1. A composite display wrapper for a commodity, consisting of an outer complete wrapper having a portion thereof translucent and an inner partial wrapper constituting a bright, light-reflecting foil-like surface disposed beneath a translucent portion of the outer wrapper, said partial wrapper throughout its major portion being substantially free of attachment to the outer wrapper, thereby permitting relative movement of the sheets, and decorative matter applied on one of the sheets in that location where the translucent portion of the outer sheet overlies the light-reflecting surface of said inner sheet, said inner wrapper being secured to said outer wrapper to prevent bodily displacement between the two sheets, so that two opposite edges of said inner wrapper are disposed a substantial distance from the corresponding edges of said outer wrapper.

2. A composite display wrapper for a commodity, consisting of an outer complete wrapper sheet having a portion thereof translucent and an inner partial wrapper sheet constituting a bright, light-reflecting foil-like surface disposed beneath

a translucent portion of the outer wrapper, said partial wrapper throughout its major portion being substantially free of attachment to the outer wrapper, thereby permitting of the unimpaired reflection of light from the foil-like surface of said inner sheet through the overlying translucent portion of the outer sheet, said inner sheet being adhesively secured within the wrapping area to the outer wrapper to prevent bodily displacement between the two sheets, and decorative matter applied to that portion of the translucent outer sheet which overlies the inner sheet.

3. A composite display wrapper for a commodity, consisting of an outer complete wrapper sheet having a portion thereof translucent, and an inner partial wrapper sheet of metallic foil-like material constituting a bright, light-reflecting surface secured to and disposed beneath a translucent portion of the outer wrapper, said inner wrapper being adapted to partially enclose the commodity and having a portion thereof adhesively secured to said outer wrapper to permit relative movement between the major portions of the respective wrapper sheets and to prevent bodily displacement between said sheets during the wrapping operation, and a colored decorative design carried by the translucent portion of said outer sheet overlying the inner sheet, whereby the light-reflecting surface of the inner sheet illuminates and intensifies the decorative portions of the translucent design carried by the outer wrapper sheet.

4. A composite display wrapper for a commodity, consisting of an outer complete translucent wrapper sheet and an inner partial wrapper sheet of metallic foil constituting a bright, light-reflecting surface secured to and disposed beneath the outer wrapper, said inner wrapper being adapted to partially enclose the commodity when folded thereabout and having a portion thereof adhesively secured to said outer wrapper to permit relative movement between the major portions of the respective wrapper sheets and to prevent bodily displacement between said sheets during the wrapping operation, a colored decorative design carried by the translucent outer sheet and overlying the inner sheet, whereby the light-reflecting surface of the inner sheet illuminates and intensifies the decorative portions of the translucent design carried by the outer wrapper sheet, and an innermost paper backing sheet of substantially the same area as and secured to said foil sheet to reenforce and prevent contact of the latter with the wrapped commodity.

5. A composite display wrapper for a commodity, comprising, an outer complete wrapper of such size as to completely envelope the commodity to be wrapped and to be folded into overlapped condition around the commodity to form a closure, an opaque inner wrapper attached to said outer wrapper along an area extending longitudinally thereof and spaced inwardly from the longitudinal edge of the outer wrapper to provide free longitudinal edges on said outer wrapper, the inner wrapper throughout its major area having a shiny foil-like outer surface exposed to said outer wrapper and being substantially free of attachment to the outer wrapper to provide for relative movement of said wrappers and said outer wrapper having a portion sufficiently transparent to permit observation of the unattached and relatively movable portions of the inner wrapper, and decorative matter applied to one of said sheets in the locality of said transparent portion.

6. A composite display wrapper for a commodity, comprising, an outer complete wrapper formed of glassine paper and of such size as to completely envelope the commodity to be wrapped and to be folded into overlapped condition around the commodity to form a closure, an opaque foil-like inner wrapper attached to said outer wrapper along an area extending longitudinally thereof and spaced inwardly from the longitudinal edge of the outer wrapper to provide free longitudinal edges on said outer wrapper, the inner wrapper throughout its major area having a shiny outer surface exposed to said outer wrapper and being substantially free of attachment to the outer wrapper to provide for relative movement of said wrappers and said outer wrapper having a portion sufficiently transparent to permit observation of the unattached and relatively movable portions of the inner wrapper, and decorative matter applied to one of said wrappers in the locality of said transparent portion.

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