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PUBLISHED MARCH 7, 1972

896 O.G. 19

T896,016

FOOD PACKAGE

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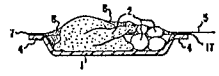
Continuation of abandoned application Ser. No. 838,485, July 2, 1969. This application Jan. 14, 1971, Ser. No. 106,572

Int. Cl. B65b *9/04*
U.S. Cl. 99—171 LP
1 Sheet Drawing. 10 Pages Specification



A sealed package useful in packaging, storing and vending foodstuffs consisting essentially of

(a) a tray having a bottom panel with side walls and a continuous outwardly extending flange having a width of at least ¼-inch connected to the upper edge of the side wall wherein the tray is prepared from a foam composite of
  (1) a core of oriented closed cell foam having an elongation of less than about 50% consisting essentially of styrene polymer having a tensile modulus greater than 150,000 p.s.i., and
  (2) a thermoplastic film preferably polyvinyl chloride or unoriented butadiene-modified polystyrene bonded to both sides of the core wherein the thermoplastic film has a tensile modulus greater than 150,000 p.s.i., an elongation percentage greater than 5% and is thermoformable within a temperature range of about 50° to 230° C.;

(b) a foodstuff contained in the tray; and

(c) a polymeric film having a thickness of about 1 to 10 mils prepared from polymers such as polyesters, polyolefins, regenerated cellulose, and elastomeric polymeric films attached to the outwardly extending flange of the tray with a heat-sealed adhesive, preferably an ethylene/vinyl acetate or an ethylene/vinyl acetate-wax blend adhesive having a bond strength of about 150 to 200 grams wherein the polymeric film cover has a tab portion extending beyond at least a portion of the perimeter of the flange with the remainder of the cover substantially coextensive with the remainder of the perimeter of the flange.

The package provides good hermetic protection for its food contents thereby significantly reducing the possibilities of spoilage and dehydration. The tab portion of the polymeric film cover over the tray provides easy opening of the package by pulling on the tab and the tray exhibits improved cut-through and puncture resistance, making it useful as an eating utensil.

March 7, 1972 R. G. HARRIS T896,016

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Filed Jan. 14, 1971

FIG. 1

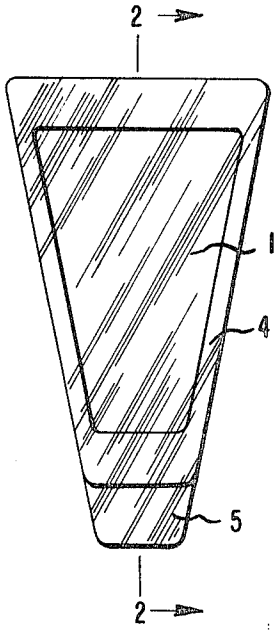


FIG. 2

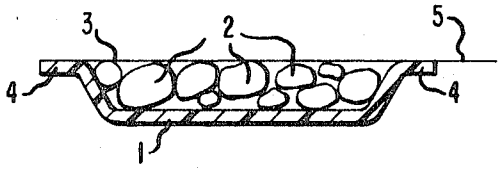
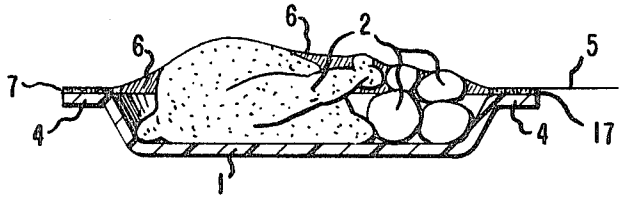


FIG. 3



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