

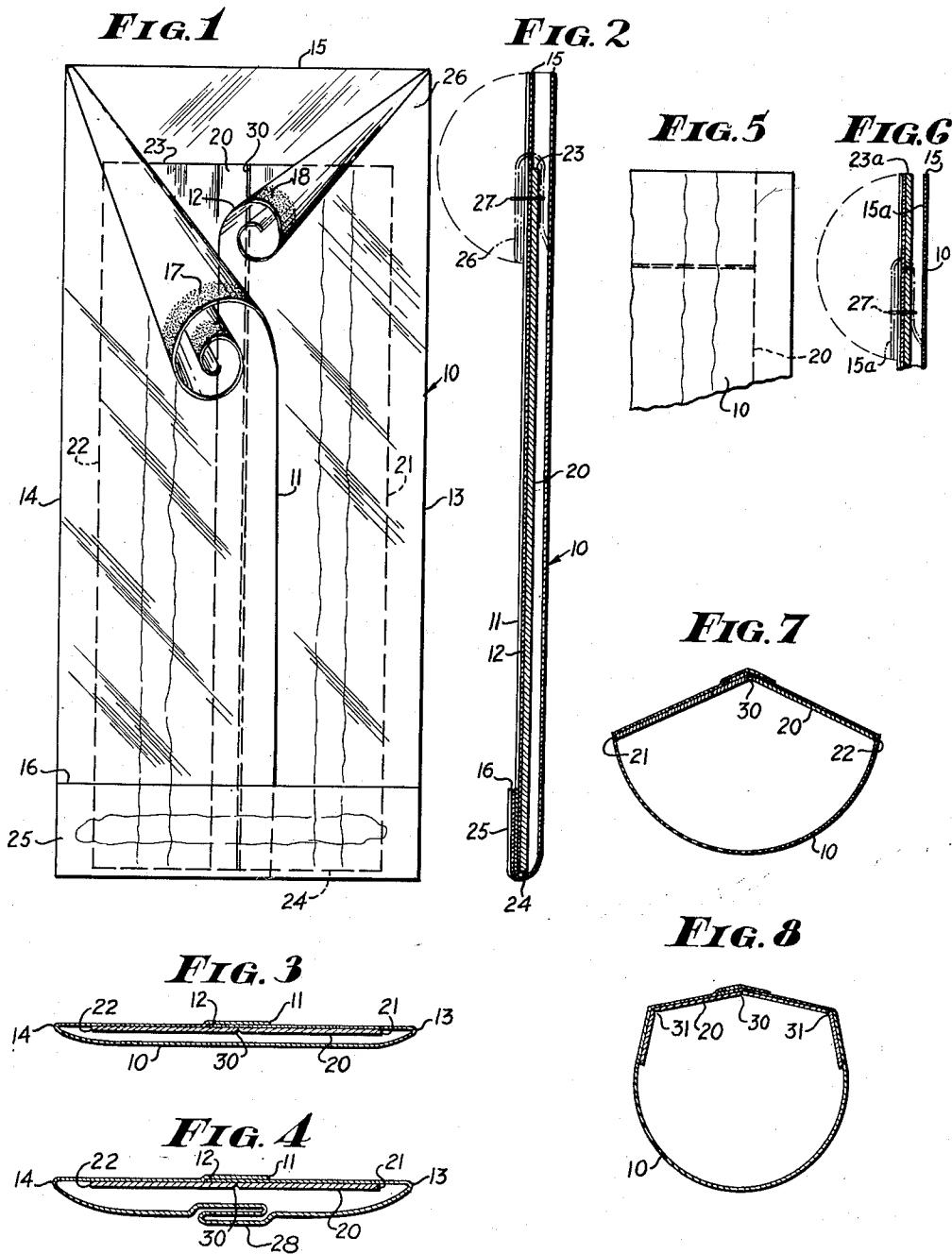
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COOKY BAG

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COOKY BAG

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1 Claim. (Cl. 229-55)

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This invention relates to packages or containers and more especially to a bag or receptacle for edible food products, such as cookies, cakes, pastries and the like.

An object of the invention is to provide a novel package for edible food products or similar articles.

Another object of the invention is to provide a package or bag designed especially for food products or other edible articles, however, not limited to such articles, the package being characterized by lightness in weight, unusual strength and rigidity so as to retain its shape, being provided with stiffening features by which the package may be placed in a vertical position for substantial self-support, the stiffening features being extended over side portions thereof for preventing crushing or tearing, to a considerable extent, of the package.

Another object of the invention is to provide a light weight package for food products and the like characterized by a substantial transparent portion so that the contained articles may be readily seen.

A further object of the invention is to provide a package of the character described which is completely sealed when containing the articles, however, adapted to be readily opened for the release of the contained articles.

An additional object of the invention is to provide a novel food package comprised essentially of a light weight envelope and having a stiffening paperboard or like element, the wrapper or the paperboard element being adapted to receive printed inscriptions or other such matter.

Other objects and advantages will appear and be brought out more fully in the following specification, reference being had to the accompanying drawings throughout which like parts are designated by like numerals.

In the drawings:

Figure 1 is a face view of one side of a package or bag embodying one form of my invention.

Figure 2 is a longitudinal sectional view of the same.

Figure 3 is a transverse sectional view of the same.

Figure 4 is a view similar to Figure 3 showing a package having somewhat modified features.

Figure 5 is a fragmentary face view of a corner portion of a bag embodying a further modified feature.

Figure 6 is an elevational view in section showing the subject matter of Figure 5.

Figure 7 is a view similar to Figure 3 showing

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the package in open or extended position for receiving the contents thereof.

Figure 8 is a view similar to Figure 7 showing a modified feature of the invention.

Referring more particularly to the invention and especially to Figures 1 to 3, I show a package or bag comprising a relatively thin strip of material 10 having side edge portions 11 and 12 adapted to be folded along fold lines 13 and 14 back on itself in overlapping manner. The strip material 10 has an upper end or edge 15 and a lower end or edge 16, as shown. One side of edge portion 11 has a surface strip or band 17 which comprises an adhesive material by which side edge portion 11 may be adhesively secured to and along the outer side of side edge portion 12. It will be appreciated that adhesive strip 17 may comprise an adhesive or cementitious character of the material of which blank or strip 10 is made and which may be of cellophane or any specially prepared sheet material which may have adhesive or cementitious characteristics when heat or pressure is appropriately applied thereto. In similar manner the inner surface of edge portion 12 may be provided with an adhesive strip 18 for attachment thereto in a similar manner of a stiffener piece 20.

Stiffener piece 20 is shown as being substantially rectangular and has side edges 21 and 22, an upper end 23, and a lower end 24, it being apparent that side edge portions 21 and 22 are well within the envelope formed by folded edges 13 and 14 of strip 10, or in other words piece 20 is of substantially less width than the flat folded blank comprising envelope 10. Strip 10 may be folded over at the bottom portion 25 thereof, being folded back against itself and adhesively secured in any conventional manner which provides a sealed condition or closure at the bottom. The top of the upper marginal edge portion 23 of stiffener 20 is deemed to be substantially below upper edge 15 of strip 10 providing a marginal portion 26 which may be folded over and back along a line corresponding to edge 23 and suitably secured, as by stapling 27, to form the upper closure after the filling of the package with the desired edible or other products. The package may be provided with a somewhat larger volume than shown in Figures 1 to 3 by the formation of a gusset 28 as shown in Figure 4, as will be understood by those skilled in the art. Stiffener 20 is provided with a longitudinal scoring 30 substantially along the center line whereby the stiffener 20 and the portion of strip 10 which is secured thereto may be readily bent or folded sub-

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stantially to a formation as shown in Figure 7 by which the filling of the package may be facilitated and provide rigidity by which the package may be self-supporting in a vertical position. Additional longitudinal vertical scoring 31 may be provided as shown in Figure 8 to provide further stiffness or rigidity together with added volume of the package and may be employed together with a gusset such as 28, shown in Figure 4. It will be obvious that transverse scoring may be provided in stiffener 20 if desired for a particular formation of the package.

In Figures 5 and 6 I show modified features wherein the stiffener 20 has its upper edge 23a opposite upper edge 15 of strip 10, a portion 15a of which together with a similar portion of strip 20 may be bent over and down against themselves and secured as by stapling 27, or the like, thus forming a top closure of greater strength than that formed shown in Figures 1 and 2.

The longitudinal scoring 30 and/or 31 in the stiffener sheet makes the completed bag easier to open and provides rigidity by which the bag may stand up better on a shelf. Additional rigidity is provided by the adhesive strips 17 and 18 where the folded edges overlap and thus the front portion of the bag is kept clear of such edges. It will be understood that the scoring 30 or 31 may be provided on either side, but is preferably so provided as to permit folding of the stiffener sheet toward the convex side. The scoring may optionally be provided cross-wise or transversely if desired.

Among the advantageous features of the bag as shown and described are a stiffer bag that can be filled, weighed and closed by automatic machinery, the extra width of the light sheet providing a bag which forms a bulkage making it easier to pack. The stiffener sheet 20 may be either a flat cardboard or paperboard or be corrugated with the corrugations running either longitudinally or transversely.

Although I have herein shown and described my invention in what I have conceived to be the most practical and preferred embodiment, it is recognized that departures may be made therefrom within the scope of my invention, which is not

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to be limited to the details disclosed herein but is to be accorded the full scope of the claim so as to embrace any and all equivalent devices and systems.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:

A bag of the character described comprising a tubular envelope consisting of transparent front and back walls connected at their sides along a single fold line when in the flat position, a substantially rectangular stiffening sheet having inherently the same stiffness in all directions of bending and being disposed within said envelope and attached to the back wall thereof and extending longitudinally from the bottom of the envelope to a point spaced from the top edge thereof, said stiffening sheet being longitudinally narrower than said back wall, that portion of the envelope extending above said stiffening sheet being foldable over to close the top of the bag, said stiffening sheet being scored centrally and longitudinally throughout its length to form a hinge line along which said stiffening sheet may be hinged, such construction providing a normally flat, open ended bag, which, when the stiffening sheet is hinged toward the front, will bellow out to assume a shape, the cross section of which is substantially an arcuate segment, thereby to enable the bag to be readily filled.

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