

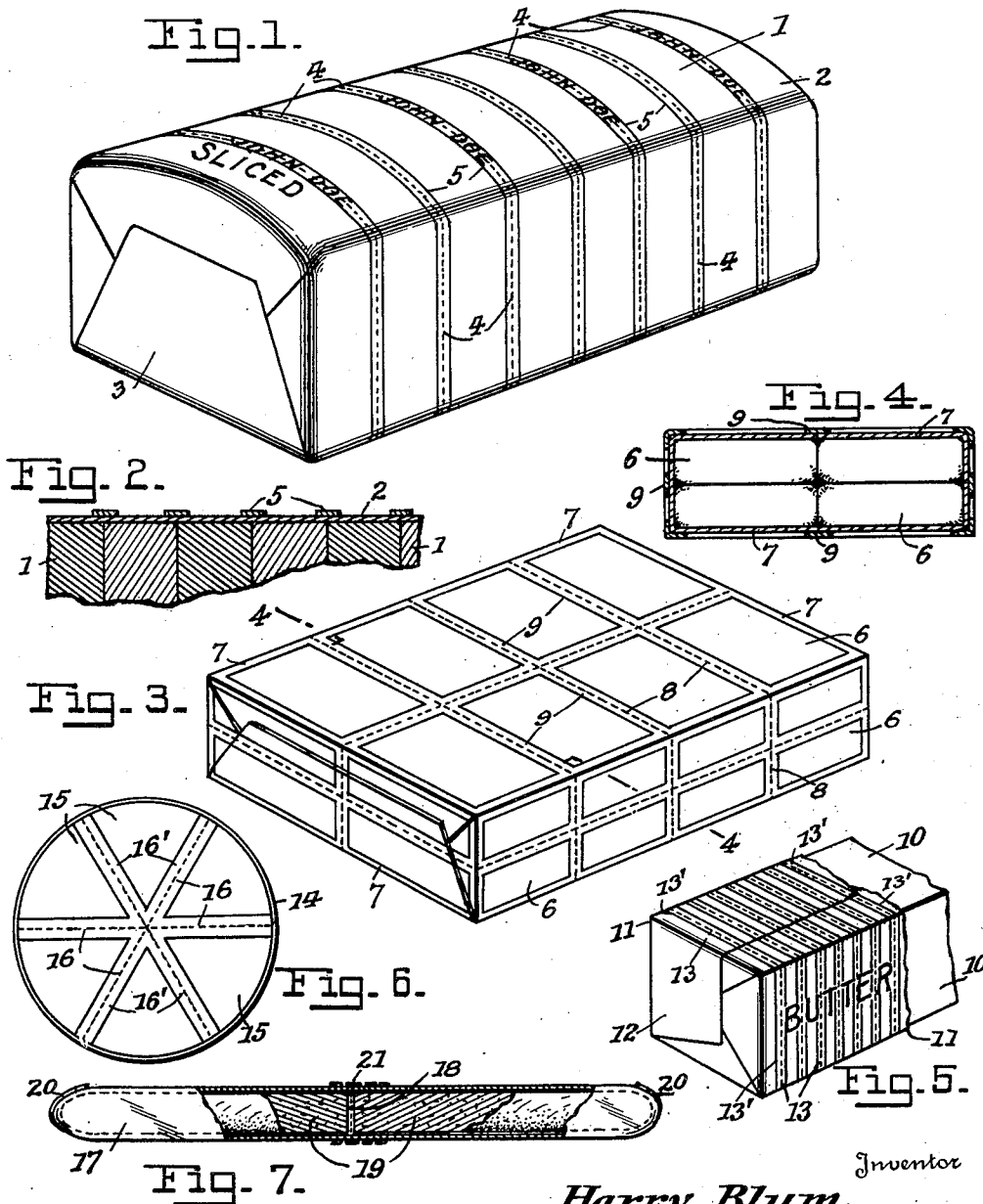
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WRAPPER FOR PERISHABLE GOODS

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WRAPPER FOR PERISHABLE GOODS

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16 Claims. (Cl. 229—51)

This invention relates to a wrapper for perishable goods and the present application constitutes a continuation in part of my copending application, Serial No. 34,817, filed August 5th, 1935, for an improved cigar package, wherein the application of the invention insofar as it relates to use of the improved wrapper with a cigar was specifically described and claimed.

The wrapper constituting the subject matter of this invention is intended as a wrapper for food products such as bread, cheese, butter, coffee, tea, also cigars and other perishable goods which are likely to deteriorate with age, become stale, or lose their strength, fragrance or original flavor if exposed to air or moisture for an extended length of time as often occurs when perishable goods are placed in a show case, or for display upon a counter or shelf in a store, or in a cabinet or upon a shelf or the like in a home before being used.

This improved wrapper is particularly adapted for use in wrapping perishable goods which are customarily inspected before being purchased and/or which are not all consumed or utilized at the same time after purchase.

One object of the invention is to provide a wrapper formed of transparent or translucent substantially air-proof and moisture-proof material, provision being made whereby portions of the wrapper will be weakened by scoring or perforating same for severing or tearing when it is desired to remove a portion of the contents of the package for use, leaving the remainder of the contents in wrapped condition.

Another object of the invention resides in providing improved identification means for the contents of the package consisting of printing or painting upon the outer surface of the wrapper and so locating the same upon the wrapper that it will cover the perforations or scoring by which the wrapper has been weakened, thus sealing and strengthening the material at the weakened portions to prevent admission of air therethrough and casual tearing or severance of the wrapper.

Another object resides in constructing a package that will enable articles to be displayed and portions thereof removed without affecting the remainder of the contents which may remain effectively protected against exposure to air or moisture.

The invention is illustrated in the accompanying drawing wherein:

Fig. 1 is a perspective view of a loaf of bread wrapped in a wrapper of the improved construction;

Fig. 2 is a fragmentary sectional view taken longitudinally through Figure 1;

Figure 3 is a perspective view showing a plurality of individual packages of coffee, tea or the

like or blocks of candy or other goods enclosed in a wrapper of the improved construction;

Fig. 4 is a sectional view taken transversely through Figure 3 along the line 4—4;

Fig. 5 is a fragmentary perspective view showing butter enclosed in one of the improved wrappers;

Fig. 6 is a top plan view of a package of cheese enclosed in a wrapper of the improved construction; and

Fig. 7 is a view partially in section and partially in side elevation showing a cigar wrapped in accordance with this invention.

The accompanying drawing illustrates various types of perishable goods enclosed in wrappers of the improved construction, but it is to be understood that use of the improved wrapper is not confined to those illustrated, as any other goods, materials and articles may be enclosed in wrappers or packages constructed in accordance with my invention.

In Figures 1 and 2, there has been shown a loaf of bread 1 enclosed in a wrapper 2 of the improved construction. This loaf of bread may be either sliced or unsliced but has been shown sliced which seems to be the popular method of producing bread at this date. The wrapper is formed of transparent or translucent material such as cellophane, waxed paper or any other material which is transparent or translucent in order that the bread may be seen and protected against air and moisture.

The sheet of wrapping material is wrapped about the loaf of bread and its end portions folded against ends of the loaf as shown at 3 where it is pasted or otherwise secured. Lines 4 of perforations or scoring are formed across the sheet of wrapping material and the distance between the lines of perforations corresponds to the usual thickness of slices of bread so that when a sliced loaf is wrapped, the lines of perforations or scoring will form weakened portions between slices of bread. Therefore, sections of the wrapper may be torn off in such relation to the loaf of bread that any desired number of slices may be removed for consumption and the remainder of the loaf will remain in the wrapper where it will be protected.

It is desired to reinforce the weakened portions of the wrapper and in order to do so there have been provided bands 5 formed of ink or paint or other coating material. These bands extend entirely about the wrapper in bridging relation to the lines of perforations or scoring and when the ink or paint or other coating has set, the bands serve very effectively to prevent accidental or casual tearing of the wrapper along the lines of perforations. These bands also serve as a means for sealing the perforations and preventing air or moisture from seeping inwardly through the

perforations. The bands may also serve as identifying and advertising marks and often constitute the trade-mark of the baking company which makes the bread. Other identifying marks may be provided upon the outer faces of the wrapper with portions extending across or along the lines of perforations to reinforce the wrapper against accidental tearing and also seal the perforations. The bands also serve to guide the consumer as to the location of the scoring where the wrapper and contents are to be broken.

As the bands are formed of ink or paint or other coating material which sets upon the paper as it dries, they will be fragile and may be easily broken through when tearing off portions of the wrapper. It will thus be seen that portions of the wrapper between the lines of perforations can be readily torn off without undue interference by the bands 5. It is not necessary to tear off a portion of the wrapper every time a slice of bread is to be used. When a sufficient number of slices have been removed to make it difficult to reach the remainder of the bread in the wrapper, the end portion of the wrapper which is open after the first tearing operation, may be folded to form an air tight closure which will protect the bread remaining in the wrapper from exposure to air and moisture.

In Figures 3 and 4, an embodiment of the invention has been disclosed wherein a plurality of individual packages 6 of coffee, tea, candy, chocolate or the like are wrapped in one of these improved type of wrappers. These individual packages of coffee and tea may be very desirable as they are intended to make sufficient coffee or tea to fill a single cup. These packages are assembled in stacked formation and while two tiers have been shown, it is to be understood that any number may be provided and each tier have as many packages as desired. After the packages have been assembled, the stock is wrapped in a wrapper 7 consisting of a sheet of preferably transparent or translucent material which is air-proof and moisture-proof as previously set forth and the contents of the individual packages will be preserved against damage by air or moisture.

Lines 8 of perforations or scoring are formed across the sheet of wrapping material longitudinally and transversely thereof and the lines of perforations are so located that they extend along margins of the individual packages. Paint, ink or other coating 9 is applied to the outer face of the wrapper along the lines of perforations or scoring in covering and bridging relation thereto and serves to seal the perforations and also serves to reinforce the portions of the sheet of wrapping material which have been weakened by the perforations. Therefore, the contents of the packages 6 will be enclosed in an air and moisture proof wrapper 7 but when it is desired to use the contents of one of the packages 6 it may be grasped and the wrapper 7 torn along the lines of perforations until the desired package 6 or a number of these packages can be removed. The remaining packages will be left in the wrapper 7 where they will be protected from exposure.

In Figure 5, there has been shown a pat 10 of butter which is enclosed in a wrapper 11 of transparent air-proof and moisture-proof material. This sheet of wrapping material is folded about the butter and its ends then folded against ends of the butter as shown at 12. Lines of scoring 13 extend across the wrapper in spaced relation to each other so that portions of the wrapper may be easily torn off as previously described and

these weakened portions are covered with ink, paint or coated material 13' so that the perforations or scoring will be sealed and accidental tearing of the wrapper prevented. The butter may be a single large loaf or piece, or may be in a number of smaller pieces each individually wrapped, and packed together so that the surfaces where adjacent pieces abut are in register with the marked scores on the wrapper. When it is desired to use part of the butter, it is merely necessary to release the wrapper at one end of the package and tear off a portion of the wrapper according to the quantity of butter which is to be immediately used. The lines of perforations may also be used as a guide to cut the butter in individual slices when desired.

The package 14 illustrated in Figure 6 contains cheese and attention is called to the fact that the package contains a number of cheese segments 15 which form a complete circle when assembled. The wrapper is formed of transparent or translucent air proof and moisture proof material and is scored with lines of perforations as shown at 16 so that portions of the wrapper and one or more cheese sectors bordered thereby may be easily detached while leaving the remainder of the wrapper intact. Bands 16' of paint or ink or other coating material are applied to the outer face of the wrapper along the lines of perforations and when the paint or ink or other coating has dried and set, the perforations will be tightly sealed and the portions of the wrapper weakened by the perforations reinforced. As previously explained the bands may serve as an identifying mark or other identifying or advertising may be applied with ink, paint or other coating with portions extending along or across the lines of perforations.

The protecting wrapper or package 17 shown in Figure 7 is also formed of a sheet of transparent air-proof and moisture-proof material having a line 18 of perforations intermediate its length. This sheet is either formed into a tube and the two cigars or cigar sections slipped into the tubular wrapper or the sheet may be wrapped about the cigars and its marginal edges then secured with one overlapping the other. The end tabs 20 are then folded over and secured to close ends of the tube and exclude air and moisture. Paint or ink is then applied to the outer face of the wrapper as shown at 21 to provide a simulation of a cigar band which serves as an identifying mark for the cigars in the wrapper and also as means for sealing the perforations 18 and reinforcing this portion of the wrapper which has been weakened by the perforations.

By grasping the wrapper at opposite sides of the line of perforations, the wrapper can be easily severed between abutting ends of the cigars and one removed for smoking while the other is left in the wrapper and placed in a pocket or cigar case. The portion of the wrapper remaining about the reserved cigar protects it from exposure and it will not become contaminated by contact with portions of a cigar case or the lining of a coat pocket.

Having thus described the invention what is claimed is:

1. Means for packaging perishable goods comprising a wrapper of transparent or translucent moisture-proof and air-proof material of dimensions adapting it to enclose a plurality of articles, said wrapper having a portion weakened in position to dispose the same between articles enclosed by the wrapper, and fragile sealing means

consisting of set and initially semiliquid material applied to the wrapper in covering relation to the weakened portion thereof.

2. Means for packaging perishable goods comprising a wrapper of transparent or translucent moisture-proof and air-proof material of dimensions adapting it to enclose a plurality of articles in face to face relation to each other, said wrapper being formed with lines of perforations in position to dispose the same between adjoining articles enclosed by the wrapper, and fragile sealing means consisting of set material applied in a semiliquid state to the outer surface of said wrapper in covering relation to the lines of perforations and serving to seal the perforations and reinforce adjoining portions of the wrapper.

3. A wrapper for perishable goods having a weakened portion extending about the wrapper whereby it may be fractured at the weakened portion and divided into sections, and a moisture proof and leak-proof seal around the weakened portion, said seal consisting solely of coating material applied to the wrapper in a liquid or plastic state and allowed to dry.

4. A wrapper for perishable goods formed of transparent or translucent material weakened by scoring extending circumferentially about the wrapper, the weakened portion of the wrapper being provided with an indentifying mark forming a moisture-proof and leak-proof seal extending around the wrapper to prevent air and moisture from passing through the scored portion of the wrapper, said seal consisting solely of set material applied to the outer face of the wrapper in a liquid or plastic state and allowed to dry.

5. A wrapper for perishable goods formed of transparent or translucent material and having a weakened perforated portion extending about the wrapper for a major portion of the circumference thereof whereby it may be easily broken, said weakened portion having a covering of originally liquid or plastic material in set form.

6. A wrapper for an elongated mass of food product formed from a sheet of moisture-proof and air-proof material, the said wrapper having lines of scoring extending transversely about the wrapper in spaced relation to each other longitudinally thereof whereby sections of the wrapper may be torn off and portions of the contents used, and initially liquid material applied to the outer face of the wrapper along the lines of scoring to seal the scoring and reinforce the scored portions when said material is dry and set.

7. A wrapper for a plurality of packages of food product formed from a sheet of moisture-proof and air-proof material, said wrapper having lines of scoring extending longitudinally and transversely of the wrapper in crossed relation to each other whereby portions of the wrapper may be torn off for individual removal of the packages without disturbing the other packages, and sealing means for the lines of scoring consisting of set coating material applied to the outer face of the wrapper in a liquid or plastic state and allowed to dry.

8. A wrapper for a plurality of packages of food product formed from a sheet of moisture-proof and air-proof material, said wrapper having lines of scoring extending about the wrapper in radial intersecting relation to each other and

defining wrapper sections adapted to be torn off for individual removal of the packages without disturbing the other packages, and seal means for the lines of scoring consisting of set material applied to the outer face of the wrapper in a liquid or plastic state and allowed to dry.

9. A wrapper having weakened portions intermediate its length extending around the wrapper for the major portion of the circumference whereby it may be fractured at the weakened portions and divided into sections, and a moisture-proof and leak-proof seal covering the weakened portions, said seal consisting of initially liquid or plastic printing or painting material applied to the wrapper.

10. A wrapper having weakened portions intermediate its length extending around the wrapper whereby it may be broken at the weakened portions and divided into sections, and a moisture-proof and leak-proof seal around the weakened portions, said seal consisting of set initially liquid or plastic coating material applied to the wrapper and applicable for graphic representation thereon.

11. A wrapper for food products having weakened scored portions intermediate its length extending about the wrapper whereby it may be easily broken, said weakened portions having a covering of initially liquid or plastic printing or painting material to add strength to the weakened portions.

12. A wrapper having weakened scored portions intermediate its length extending about the wrapper whereby it may be easily broken, said weakened portions having a set covering of originally liquid or plastic material.

13. A wrapper having weakened scored portions intermediate its length extending across the major portion of the wrapper whereby it may be easily broken, said weakened portions having a covering of initially liquid or plastic printing or painting material to reinforce the same against accidental fracture.

14. A wrapper for food products formed of transparent air and moisture-proof material, being weakened by lines of scoring extending about the wrapper, identifying means for the food product consisting of bands of initially liquid or plastic coating and moisture-proof material fitting about the wrapper covering the scored portions and reinforcing the same against accidental fracture.

15. A wrapper having a series of weakened portions intermediate its length extending around the wrapper whereby it may be broken at any of the weakened portions, and identifying means consisting of a moisture-proof and leak-proof seal covering the weakened portions, said seal consisting of initially liquid or plastic printing or painting applied to the wrapper.

16. A wrapper having weakened portions intermediate its length extending around the wrapper for the major portion of the circumference whereby it may be fractured at the weakened portions and divided into sections, and a moisture-proof and leak-proof seal covering the weakened portions, said seal consisting of set coating material applied to the wrapper in an initially liquid or plastic condition and applicable for graphic representation thereon.

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