March 10, 1936. F. R. KINKENON 2,033,526

ARTICLE CONTAINER

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Fig. 1.

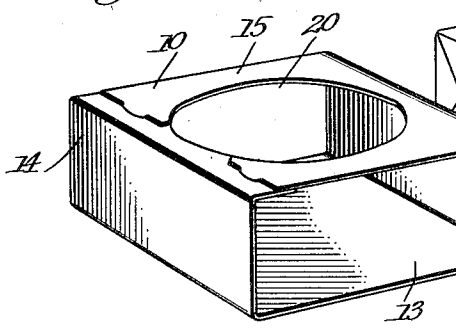
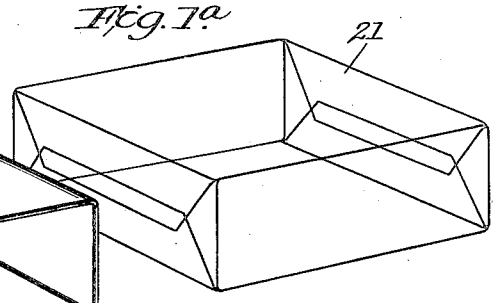


Fig. 7a.



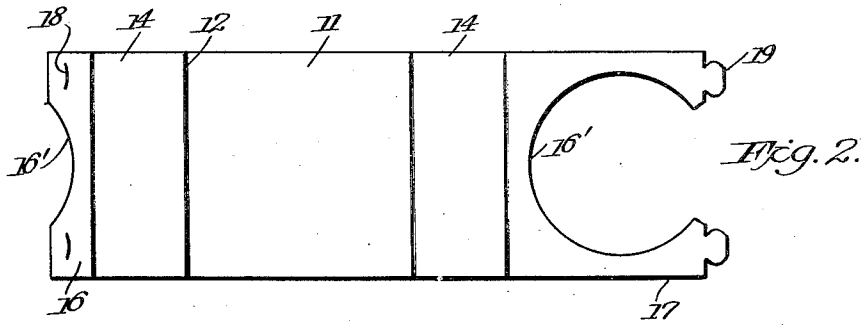


Fig. 2.

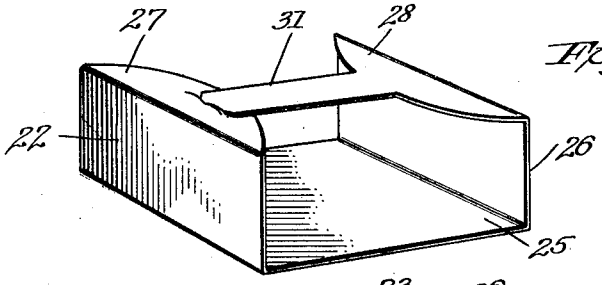
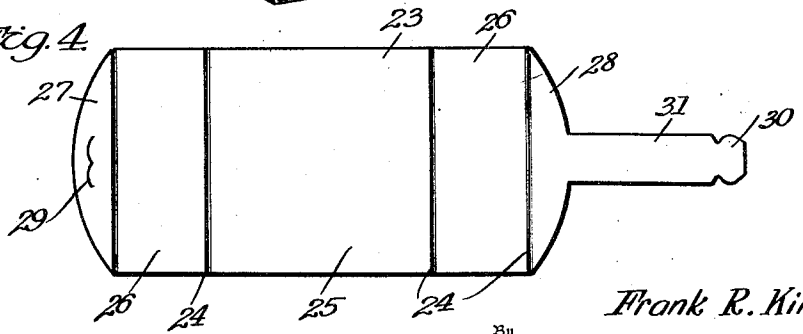


Fig. 3.

Fig. 4.



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Fig. 5.

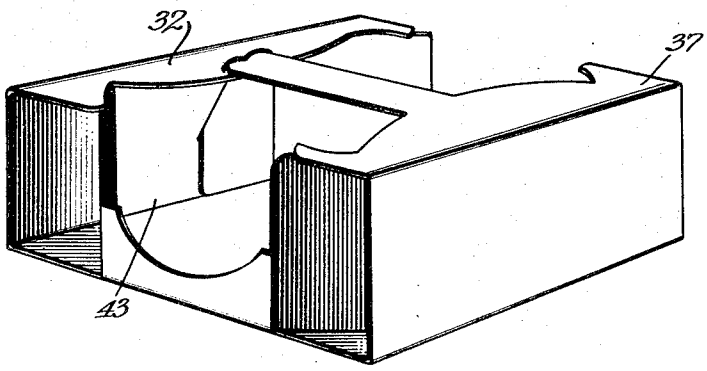
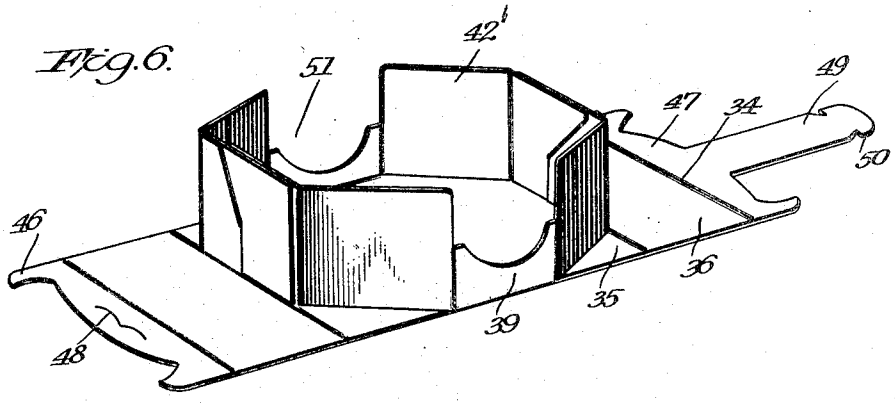


Fig. 6.



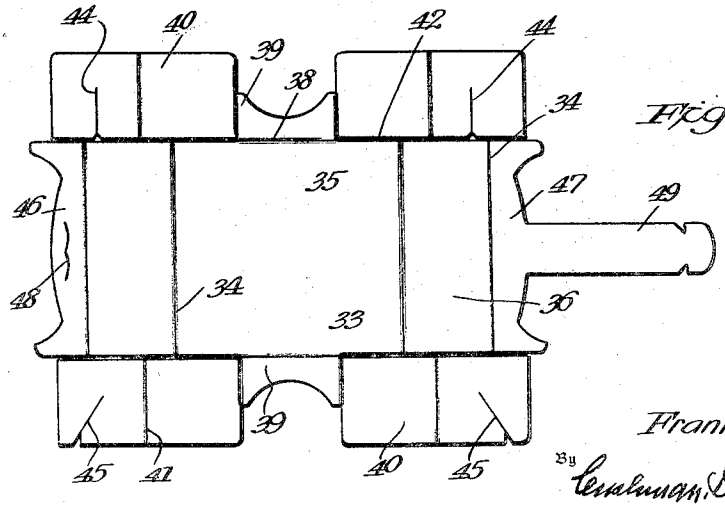


Fig. 7.

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Fig. 8.

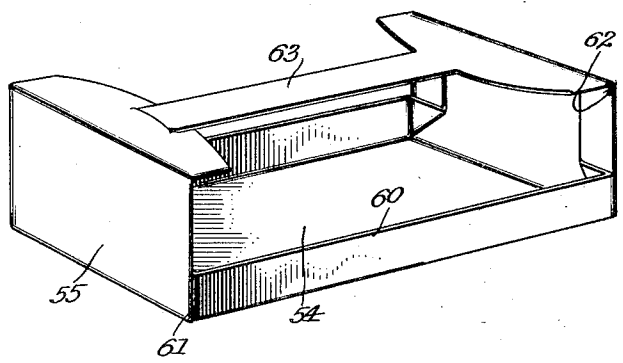


Fig. 9.

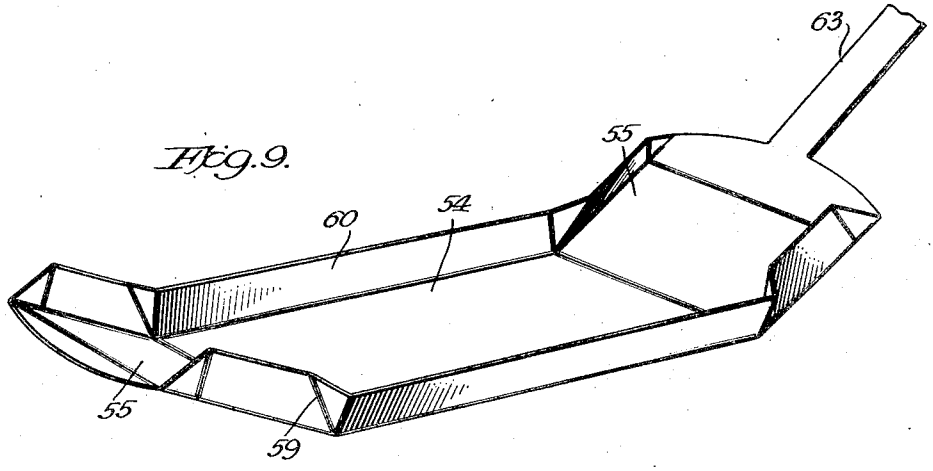
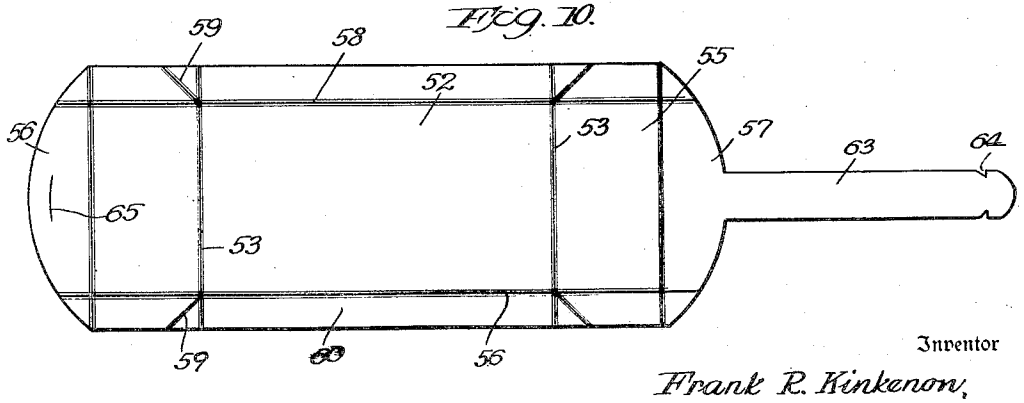


Fig. 10.



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UNITED STATES PATENT OFFICE

2,033,526

ARTICLE CONTAINER

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Application August 11, 1931, Serial No. 556,447

4 Claims. (Cl. 206—44)

The present invention relates to article containers and more especially to improvements in the construction of cartons or packages for cake, pastry, and the like.

An important object of the invention is to provide an attractive display carton for cakes in which the contents are visible from the top and sides of the container.

Another object of the invention consists in forming from a blank of suitable material, an article container comprising a polygonal-shaped carton or box enclosed within a polygonal-shaped carton, the outer carton having open sides and an inter-locking top portion, while the inner carton is formed with opposed cut-out sides so that when the parts are assembled, and the cake or other articles of food positioned within the inner carton, the whole assumes an attractive and pleasing appearance.

A further object consists in providing a carton which permits the wrapping of round or odd shaped cakes, cookies, or the like by machine and eliminates loss or damage through crushing or breaking of the products.

Other objects and advantages of the invention will become apparent from the following description when taken in conjunction with the accompanying claims.

Referring to the drawings in which is shown several preferred embodiments of the invention.

Figure 1 is a perspective view of a carton assembled in accordance with the invention.

Figure 1*a* is a perspective view showing a transparent wrapping applied to the carton.

Figure 2 is a plan view of the blank from which the carton in Figure 1 is formed.

Figure 3 is a perspective view of a modified form of the invention.

Figure 4 is a plan view of the blank from which the carton in Figure 3 is formed.

Figure 5 is a perspective view of another form of the invention.

Figure 6 is a disassembled view of the carton shown in Figure 5.

Figure 7 is a plan view of a blank from which the carton in Figure 5 is formed.

Figure 8 is a perspective view of another modified form of the invention showing the parts in their closed position.

Figure 9 is a disassembled view of the carton shown in Figure 8, and

Figure 10 is a plan view of the blank from which the carton of Figure 8 is formed.

Referring to the drawings in which like numerals indicate like parts in the several views and more particularly Figures 1 and 2, the article container or carton 10 is formed from a blank 11 of any suitable material such as cardboard, paper or the like, which is divided by the spaced transverse score lines 12 into a bottom 13, sides 14 and a top 15, the latter being composed of separate inter-connecting flaps or sections 16 and 17. The flap 16 preferably has slits 18 arranged to receive the tabs 19 on the section 17 for detachably connecting or inter-locking the flaps together when the blank is bent to assume the position as shown in Figure 1. The sections 16 and 17 are also provided with curved cut-out portions 16', which, when the carton is assembled, constitutes a circular display opening 20. Of course, the opening 20 may be of any suitable configuration in order that the contents of the carton can be inspected. Additionally, the carton 10 is formed with open ends, so that its contents may be viewed from the sides as well as the top.

After the article is positioned within the carton, it is preferably enclosed in a wrapping of any suitable transparent material 21 such as cellophane or the like, so as to preserve its contents, as shown in Figure 1*a*.

In the form of the invention illustrated in Figures 3 and 4, the container 22 is made from a single blank of material 23 having transversely disposed score lines 24, which, when bent, constitute the bottom 25, sides 26 and the wings 27 and 28 of the top of the carton. The wing 27 is formed with a slit 29 arranged to receive the tab 30 of a reduced strap portion 31 which extends from the wing 28, so that when the carton is assembled, it assumes the form as shown in Figure 3. It will be noted that the length of the strap 31 is longer than the length of the wings 27 and 28 in order to provide a display opening of substantial area between the wings on opposite sides of the strap.

It will be observed that this form of the invention is substantially similar to that previously described, the essential difference being that the top of the carton is provided with a display opening on the sides of the strap 31 instead of a medially disposed opening as shown in Figure 1.

In the form of the invention illustrated in Figures 5, 6, and 7, there is shown an article container 32 which is formed from a single blank of paper or cardboard 33 (Fig. 7) that is divided by the transverse score lines 34 into a bottom 35, and parallel sides 36 of an outer carton 37. The blank 33 is scored longitudinally as at 38 to form the lateral extensions or flaps 39 which,

in turn, have projecting longitudinally of the sides thereof, the wings 40 provided with transverse score lines 41 and separated from the adjacent sides of the blank 33 by a slight clearance 42. The lateral extensions 39 are arranged to be bent upwardly and transversely relatively to the bottom 35 and constitute with the wings 40, the sides 42' of the inner carton 43, when the parts are bent to assume the position as shown in Figure 6.

The wings 40 are formed with co-acting transverse and inclined slits 44 and 45 which, when the inner carton 43 is moved to the position as shown in Figure 6, inter-fit with each other to provide a substantially octagonal-shaped container for receiving the cake or other article to be wrapped.

The top of both the inner and outer cartons is formed by the end sections 46 and 47 of the blank 33, the section 46 having a medial slit 48 arranged to receive the end of the strap 49 which extends from the section 47 and that inter-locks therewith through the notches 50 formed in the strap.

As will be observed, when the blank 33 is bent along the score lines in the manner as above indicated, it forms the outer carton 37 which is of substantially square configuration and the inner carton 43 of octagonal shape. In order that the contents of the inner carton 43 may be visible, the flaps 39 which constitute the sides of the inner carton are preferably formed with cut-out portions 51. The article container when assembled is of striking and attractive appearance and may have applied thereto suitable printed matter, so as to further enhance its appearance and render it admirably suited for display purposes.

Referring to the modified form of the invention illustrated in Figures 8, 9, and 10, there is shown a carton designed for small cup cakes, cookies or the like which is preferably formed from a blank 52 of cardboard that is transversely scored as at 53 to form the bottom 54, sides or ends 55 and the top sections 56 and 57. Additionally, the blank is provided with longitudinal score lines 58 which intersect the transverse score lines 53. Diagonal score lines 59 radiate from the juncture of the adjacent intersecting lines 53 and 58 adjacent the bottom 54, so that when the blank is folded along these score lines, it forms flaps 60 which extend upwardly from the bottom 54 and lie flush against or parallel with the inner sides 55 and top sections 56 and 57 to constitute the substantially right angular corner portions 61 and 62. It will be seen that by forming the flaps 60 substantially coextensive with the blank, the flaps when folded to the position as shown in Figure 8, act to effectively reinforce the corners of the container. The top section 57 preferably has extending medially therefrom a connecting strap 63 which is provided with a notched end 64 arranged to fit into a complementary slit 65 in the opposite end 56 for detachably maintaining the sections closed when the carton is folded to assume position as shown in Figure 8.

It will be seen that by reason of the present invention, a simple, attractive and economical display carton is provided of such a configuration as to attract the eye of the purchasing public and in which the contents thereof may be readily inspected without removing or breaking the cellophane wrapping, since the top and sides of the article carried by the carton will be visible to furnish all the essential information necessary to determine the kind, quality, color, etc., of the cakes, pastry, or the like carried by the carton.

Moreover, each of the types of cartons or containers illustrated permits the placing of one or more cakes or cookies in the blank so that when the latter is folded along the score lines and the straps inserted in their respective openings, a locking connection is provided which will securely maintain the parts closed and prevent them from becoming unfastened during handling or when the wrapper is being applied thereto. It will be further noted that this type of container holds the wrapper away from the iced cake and provides an air space between the cake and the wrapping paper so as to eliminate the danger of the wrapping paper adhering to the icing, thus providing a very sanitary package for food products that may be attractively displayed in stores or the like.

It is to be understood that the forms of the invention herewith shown and described are merely illustrative of preferred embodiments and that the same may assume various other shapes and sizes without departing from the spirit of the invention and the scope of the appended claims.

I claim:

1. A container for articles of food formed from a blank bent upon spaced transversely and longitudinally disposed score lines to provide a bottom, side walls, top and narrow marginal uninterrupted flaps, said flaps extending upwardly from the sides of the bottom and folded at the corners of the container to lie flush with the adjacent walls of the sides and top to reinforce the container at these points, said top having spaced wings extending inwardly from opposite ends of the blank to provide a space therebetween, one of the wings having a reduced strap extending over to the opposite wing, the other of said wings provided with means coacting with complementary means on the free end of the strap and detachably connecting the wings together whereby to provide a display opening in the top between said wings and on opposite sides of the strap.

2. A container for articles of food formed from a blank bent upon spaced transversely and longitudinally disposed score lines to provide a bottom side walls top and marginal narrow uninterrupted flaps, said flaps extending upwardly from the sides of the bottom and folded at the corners of the container to lie flush with the adjacent walls of the sides and top to reinforce the container at these points, said top having wings extending inwardly from opposite ends of the blank a short distance to provide a space therebetween, one of the wings having a medially reduced strap extending over to the opposite wing, the length of the strap being longer than the length of the wings in order to provide a display opening of substantial area therebetween, the other of said wings provided with means coacting with complementary means on the free end of the strap for detachably connecting the wings together.

3. A packaging and wrapping form of the class described comprising an open-work protective carton including a bottom of an area equal to the product adapted to be placed in said carton, a pair of mutually co-operable upstanding end walls connected to the bottom and of a width corresponding to the width of the bottom, a pair of inturned flaps connected to the upper ends of the end walls and adapted to overlie the end portions of the product, a relatively narrow con-

necting strap securing said flaps detachably together in carton forming relationship, and a pair of relatively low vertical guard flanges carried by the longitudinal edge portions of said bottom and extending the full length of said bottom, whereby to hold the product against displacement and to permit substantial portions of the product to be visible for display purposes.

4. A packaging and wrapping form of the class described comprising an open-work protective carton embodying a bottom, a pair of mutually co-operable upstanding walls connected to the bottom and of a width corresponding to the width of said bottom, a pair of inturned flaps connected to the upper ends of said end walls, said flaps being of relatively small dimensions and adapted to overlie the end portions only of the product adapted for maintenance in said carton, a relatively narrow connecting strap carried by one of said flaps and detachably connected with the remaining flap, and a pair of guard flanges carried by the longitudinal edge portion of said bottom, said guard flanges being of relatively small vertical height whereby to hold the product against accidental displacement and to permit major portions of the products to be visible for display purposes after the wrapper is applied.

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