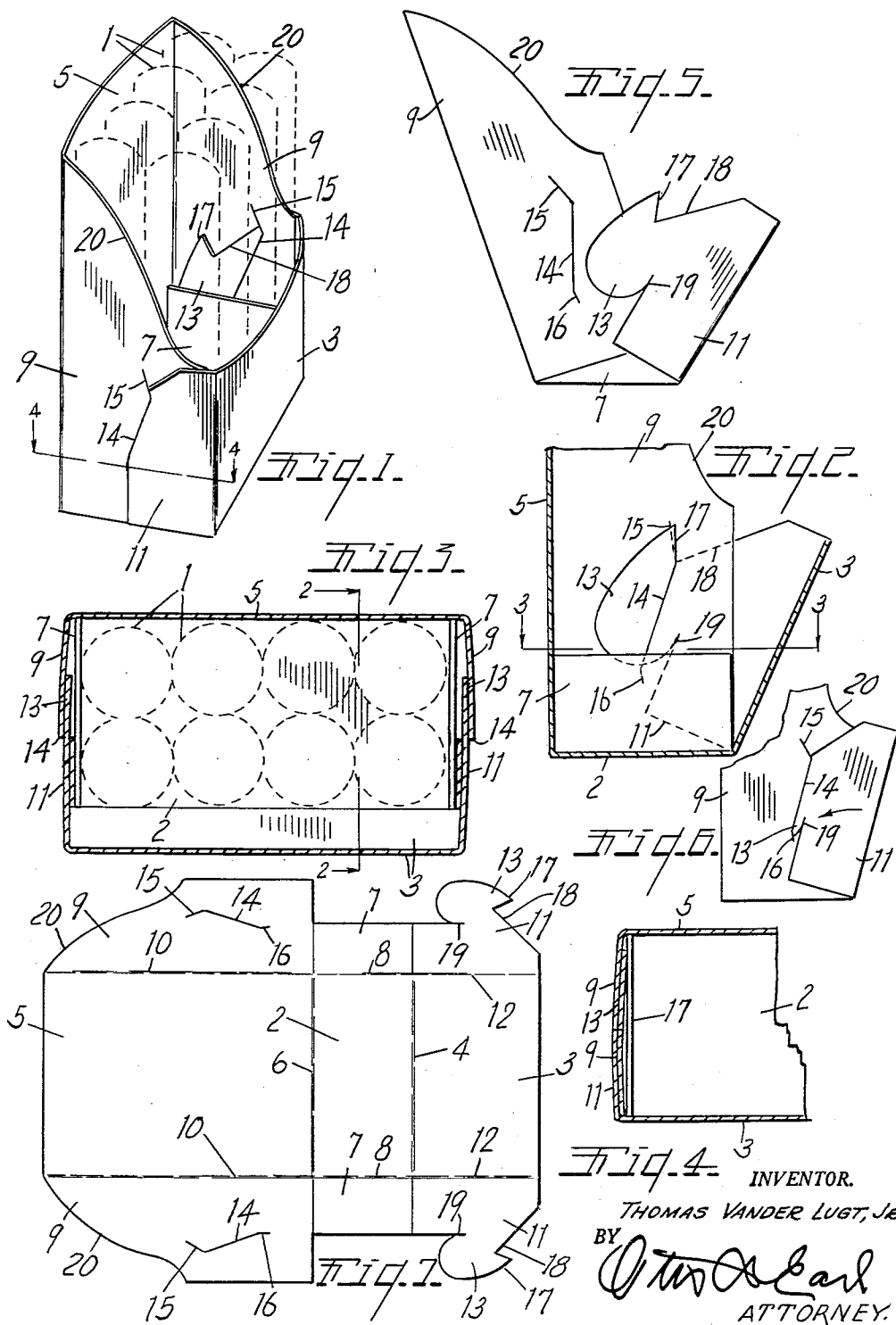


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CONTAINER OR DISPLAY CARTON

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CONTAINER OR DISPLAY CARTON

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This invention relates to cartons providing effective holders for the contents and at the same time an effective and attractive display thereof.

The main objects of this invention are—

First, to provide a container or carton for a plurality of like articles which may be quickly and easily set up, filled and adjusted to effectively retain the packaged articles while providing a display of substantial portions thereof.

Second, to provide a carton or container having these advantages which may be formed of relatively light stock and at the same time is capable of repeated handling without substantially dislocating the contents.

Third, to provide a container or carton having these advantages which may be very economically produced.

Objects relating to details and economies of the invention will appear from the description to follow. The invention is defined and pointed out in the claims.

A preferred embodiment of the invention is illustrated in the accompanying drawing, in which:

FIG. 1 is a front perspective view of a carton or container embodying my invention with contents indicated by dotted lines.

FIG. 2 is a fragmentary vertical section on a line corresponding to line 2—2 of FIG. 3, with the container or carton in partially erected position.

FIG. 3 is a horizontal section on a line corresponding to line 3—3 of FIG. 2.

FIG. 4 is a fragmentary horizontal section on a line corresponding to line 4—4 of FIG. 1 with the container or carton in fully erected position.

FIG. 5 is an end elevational view illustrating a step in the erection of the carton or container.

FIG. 6 is a fragmentary end elevational view illustrating the carton or container with the parts in the position or substantially in the position illustrated in FIG. 2.

FIG. 7 is a plan view of the blank of the container or carton of the embodiment of my invention illustrated.

The embodiment of my invention illustrated is especially adapted or designed for the holding of a plurality of food products such as sausages conventionally illustrated at 1 in FIGS. 1 and 3. It should be understood, however, that the carton or container is usable for various products and that the size and shape may be greatly varied to meet the requirements of the material to be packaged.

The embodiment of my invention illustrated is formed of an integral blank comprising a rectangular bottom 2, a front wall 3 hingedly connected thereto by the hinging score 4, a rear wall 5 hingedly connected to the rear edge of the bottom by the hinging score 6. In this embodiment of my invention, the rear wall 5 is of substantially greater height or vertical width than the front wall, the purpose being to provide an effective display for the contents 1 and at the same time they are effectively supported. The bottom is provided with relatively narrow side wall flaps 7 hingedly connected thereto by the hinging scores 8. The rear wall is provided with inner side wall members 9 hingedly connected to its vertical edges by the hinging scores 10. The bottom portions of these inner side wall members 9 are the full width of the bottom. The front wall 3 is provided with outer end wall members 11 hingedly connected thereto by the hinging scores 12. The outer side wall members 11 are provided with tongues 13 engageable with the slits 14 in the side wall members 9.

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These slits are forwardly inclined and have angularly disposed top end portions 15 and substantially vertical lower end portions 16. The tongues 13 are provided with upwardly projecting pointed tips 17 defining upwardly facing recesses 18 at the inner sides of the tips. The bottom and outer edges of these tongues curvedly merge and these edges merge into the vertical slits 19 in alignment with the rear edges of the outer wall members.

As has been pointed out, one of the objects of the invention is to provide a container which may be erected to loading or article receiving position, the carton filled in that position and then completely erected. One of the steps in erecting to loading position is illustrated in FIG. 5 in which the bottom wall flaps are swung upwardly, the inner side members are swung to substantially right angular relation to the rear wall, and the front wall is adjusted to partially erected position so that the outer side wall members may be positioned with their tongues in overlapping relation to the inner side wall members. Inward pressure on the tongues opens the slits so that the front and rear walls may be moved toward each other until the tongues 17 are engaged with the forward edges of the upper angled ends of the slits, see FIG. 2. This provides an effective support for the front and rear walls relative to each other, and the contents to be packaged are then inserted in the carton or container and thereafter the front wall and outer side wall members are adjusted to completely erected position merely by pushing rearwardly on the front walls, desirably at the ends thereof, in which position the lower ends of the tongues are engaged with the lower ends of the slits and the edges of the slits 19 interlockingly engage the edges of the bottom portions 16 of the slits 14 and the walls are effectively supported in their fully erected position.

A further advantage is that with the front wall in receiving position, FIGS. 2 and 3, packaged material may be easily revised to meet specified weight requirements.

In the embodiment illustrated, the front wall is slightly bowed outwardly when in fully erected position, but it should be understood that that is the result of the stock used being of a bendable character, and that with heavier stock it would not bow outwardly, at least to any appreciable extent. In the embodiment illustrated, the front edges 20 of the inner side wall members 9 are downwardly and forwardly inclined preferably being reversely curved, the curving being a matter of appearance or design. They are cut away to more effectively display the packaged material and because there is no support for the forward portions thereof which project above the front wall, other of course than the support provided for the lower portions thereof.

I have illustrated and described my invention in an embodiment which is particularly designed and adapted for the packaging of food products such as sausages, but it will be understood that the various products may be packaged and that the container is desirable for use in packaging a plurality of articles, as they may be readily positioned in the container in its partially erected position illustrated in FIGS. 2 and 3. I have not illustrated variations in shape which might be desirable for the packaging of particular products, as it is believed that the disclosure made will enable those skilled in the art to embody or adapt my invention as may be desired.

Having thus described the invention, what is claimed as new and desired to secure by Letters Patent is:

1. A container formed of an integral cut and scored sheet and comprising a rectangular bottom, front and rear walls hingedly connected to the front and rear edges of the bottom respectively, inner side wall members hingedly connected to the side edges of the rear walls, said inner side wall members having forwardly inclined

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tongue receiving slits therein terminating in rearwardly inclined portions at their upper end and substantial vertical portions at their lower ends, outer side wall members hingedly connected to the side edges of the front wall and provided with locking tongues on their rear edges having upwardly projecting tips, and upwardly facing recesses at the front of the tips, the inner and bottom edges of said tongues being mergingly curved, there being downwardly opening slits at the juncture of said tongues with said outer wall members, said tongues being insertable in said slits in said inner wall members and positioned with their tips in supported engagement with the front edges of upper end portions of slits for supporting the front wall in partially erected forwardly inclined position, or with the lower end portions of the tongues in supported engagement with the front edges of the lower portions of the slits for supporting the front wall in fully erected position.

2. A container comprising a rectangular bottom, front and rear walls hingedly connected to the front and rear edges of the bottom respectively, the rear wall being of substantially greater height than the front wall, inner side wall members hingedly connected to the inner side edges of the rear wall, the forward edges of said side wall members being rearwardly inclined, said inner side wall members having vertically disposed forwardly inclined tongue receiving slits therein having rearwardly extending portions at their upper ends, and outer side wall members hingedly connected to the side edges of the front wall and provided with locking tongues engageable with said slits, said tongues having upwardly projecting tips engageable with the upper ends of said slits for supporting the front

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wall in a partially erected forwardly inclined position and having downwardly projecting portions engageable in said slits for supporting the front wall in fully erected position.

3. A container comprising a rectangular bottom, front and rear walls hingedly connected to the front and rear edges of the bottom respectively, inner side wall members hingedly connected to the inner side edges of the rear wall, said inner side wall members having vertically disposed forwardly inclined tongue receiving slits therein having rearwardly extending portions at their upper ends, and outer side wall members hingedly connected to the side edges of the front wall and provided with locking tongues engageable with said slits, said tongues having upwardly projecting tips engageable with the upper ends of said slits for supporting the front wall in a partially erected forwardly inclined position and having downwardly projecting portions engageable in said slits for supporting the front wall in fully erected position.

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