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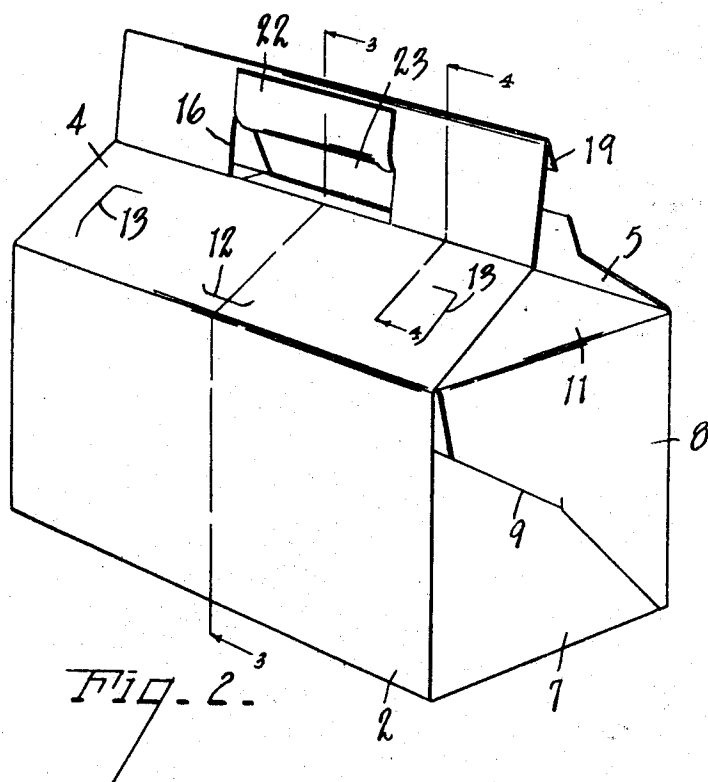
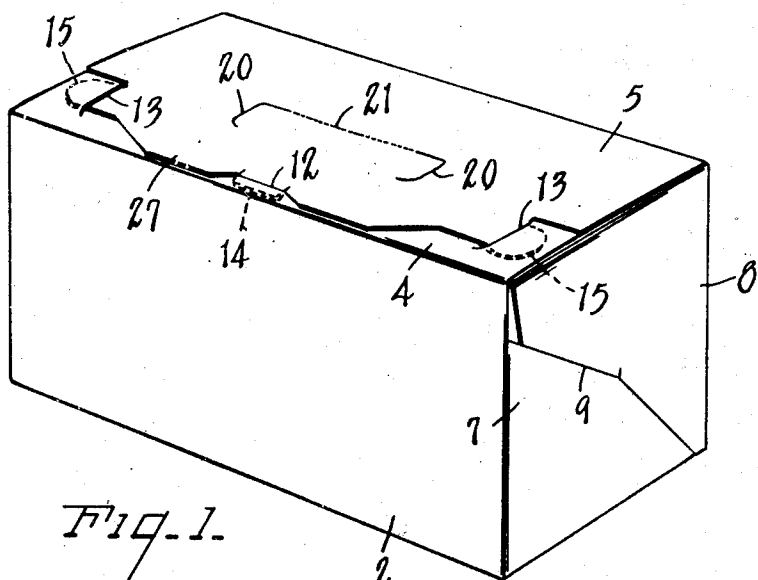
C. F. McALEER

1,982,962

CONTAINER

Filed Dec. 29, 1932

2 Sheets-Sheet 1



INVENTOR  
Charles F. McAleer  
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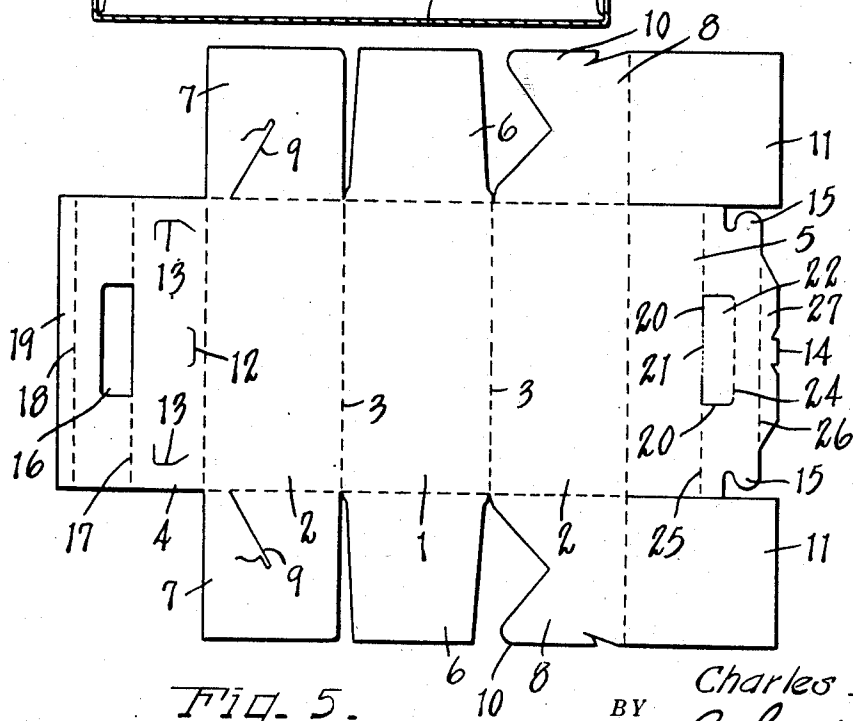
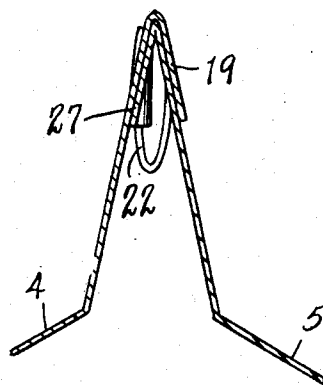
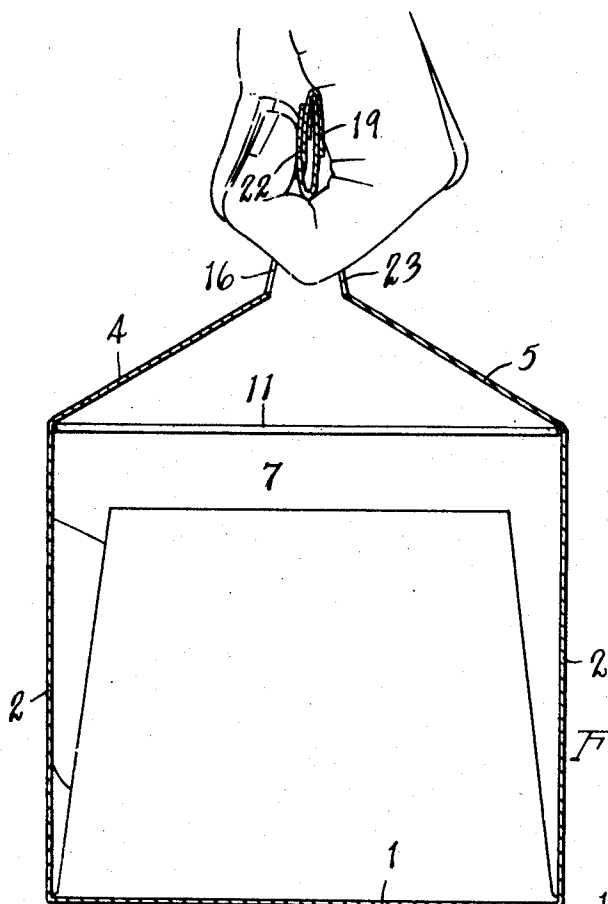
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INVENTOR  
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## UNITED STATES PATENT OFFICE

1,982,962

## CONTAINER

Charles F. McAleer, Kalamazoo, Mich., assignor  
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Application December 29, 1932, Serial No. 649,295

7 Claims. (Cl. 229—52)

The main objects of this invention are:

First, to provide an improved merchandising container for food products such as lard, for example, and other heavy materials, which is well adapted for delivering the product to the consumer.

Second, to provide a container adapted to be adjusted to provide a handle which is strong and rigid, even when formed of relatively light fiber or container board.

Third, to provide a container having these advantages which is economical to produce, attractive in appearance when closed, and readily adjusted for carrying, the handle or grip portion being quite strong.

Objects pertaining to details and economies of my invention will definitely appear from the description to follow. The invention is defined in the claims.

A structure which embodies the features of my invention is clearly illustrated in the accompanying drawings, in which:

Fig. 1 is a perspective view of my improved container sealed or closed.

Fig. 2 is a perspective view of my improved container adjusted for carrying.

Fig. 3 is a vertical central section on a line corresponding to line 3—3 of Fig. 2 showing the relation of the parts in carrying.

Fig. 4 is an enlarged detail section on line 4—4 of Fig. 2.

Fig. 5 is a plan view of the blank from which the container is formed.

Referring to the drawings, my container is formed of an integral blank as shown in Fig. 5 and comprising a bottom 1 and side walls 2 disposed in alinement and joined by score lines 3 to facilitate folding. One side wall has an inner side cover flap 4 and the other an outer side cover flap 5, these flaps being disposed in overlapping relation when the container is closed.

The bottom is provided with end flaps 6 while one side wall is provided with inner end flaps 7 and the other with outer end flaps 8. The end flaps 7 have slits 9 arranged to be engaged by the locking tongues 10 on the end flaps 8, the end flaps being disposed with the bottom end flaps 6 on the inner side, the end flaps 7 folded against the same and the end flaps 8 into overlapping relation to the end flaps 9, with their tongues and slits in interlocking engagement, thereby retaining the container in erected position.

The end flaps 8 have inner cover flaps 11 extending from the upper edges thereof and adapted to fold within the side cover flaps both when the container is sealed or closed and also when adjusted for carrying.

The inner side cover flap 4 has a central slit

12 and transverse end slits 13, while the outer side cover flap 5 has a central tongue 14 engageable with the slit 12 and end tongues 15 engageable with the slits 13 for locking the flaps in closed position as shown in Fig. 1.

The side cover flap 4 has a hand opening 16 therein and is longitudinally scored at 17 in the plane of the inner edge of this opening to facilitate bending to handle position. The cover flap also has a longitudinal score line 18 in spaced relation to its edge providing a grip flap 19.

The outer side cover flap 5 has oppositely disposed angular slits 20 the aligned portions of which are connected by the line of perforations 21 providing a break-out tongue or flap 22 forming a hand opening 23 corresponding to the hand opening 16. The break-out portion or flap 22 is scored along the line 24 to facilitate the bending of the flap or break-out 22, which may be swung or adjusted through the opening 16. The cover flap 5 is scored along the line 25 corresponding to the score line 17 to facilitate adjustment to handle position, and also along the line 26 corresponding to the line 18 to provide a grip flap 27.

When it is desired to adjust the container for carrying, the tongues 14 and 15 are disengaged from their coacting slits and the cover flaps bent along the score lines 17 and 25 and 18 and 26. These handle parts are then adjusted with one of the grip flaps, preferably the grip 14, on the inside and the other cover flap and the grip flap 19 folded over on the outside as shown in Figs. 3 and 4. The tongue or grip flap 22 is disposed through the opening thereby providing a very effective handle, as is shown.

By arranging the grip flaps as I have illustrated I provide a grip or handle that is very strong and one that is not likely to tear out when in use. The overlapping of the grip flaps very materially strengthens the handle portions, as does also the interlocking flap 22, that is, the load or strain is well distributed throughout the length of the flaps, and, further, a grip is provided which is comfortable to the hand.

My improved container is well adapted for heavy products such as lard, for example, is economical to produce, strong and durable, and attractive in appearance, both when closed and adjusted for carrying. When closed a substantially smooth continuous surface is presented to receive the printing or ornamental matter. The bottom and side walls being continuous and the load directly carried thereby, the container is not likely to open up under the stress of carrying.

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

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1. A container formed of an integral blank and comprising alined bottom and side walls, the side walls having overlapping inner and outer side cover flaps on their upper edges, the inner of said side cover flaps having a hand opening and a longitudinal score at the inner edge of the opening to facilitate bending to handle position and a longitudinal score line adjacent its outer edge to facilitate bending to provide a grip flap, said inner cover flap also having a central longitudinal tongue slit and transverse tongue slits adjacent the ends thereof, the outer cover flap being slit and scored to facilitate partial breaking out of a portion thereof to provide a hand opening with a flap secured at one edge thereof adapted to be disposed through the hand opening in the other cover flap when the cover flaps are adjusted as a handle, said outer cover flap being also scored to facilitate bending to handle position and adjacent its edge to facilitate bending to provide a grip flap, said grip flaps being adapted to be folded into overlapping relation with the handle portion of the cover flaps when adjusted as a handle, said outer cover flap having end and central tongues engageable with said tongue slits of the inner cover flap, the bottom having end wall flaps on its ends and the side walls having overlapping end wall flaps on their ends provided with interlocking tongues and slits, the outer of said interlocking end flaps having inner cover flap extensions on their upper edges foldable within the said side cover flaps.

2. A container formed of an integral blank and comprising alined bottom and side walls, the side walls having overlapping inner and outer side cover flaps on their upper edges, the inner of said side cover flaps having a hand opening and a longitudinal score line at the inner edge of the opening to facilitate bending to handle position, said inner cover flap also having a central longitudinal tongue slit and transverse tongue slits adjacent the ends thereof, the outer cover flap being slit and scored to facilitate partial breaking out of a portion thereof to provide a hand opening with a flap secured at one edge thereof adapted to be disposed through the hand opening in the other cover flap when the cover flaps are adjusted as a handle, said outer cover flap being also scored to facilitate bending to handle position, said outer cover flap having end and central tongues engageable with said tongue slits of the inner cover flap, the bottom having end wall flaps on its ends and the side walls having overlapping end wall flaps on their ends provided with interlocking tongues and slits, the outer of said interlocking end flaps having inner cover flap extensions on their upper edges foldable within the said side cover flaps.

3. A container formed of an integral blank and comprising alined bottom and side walls, the side walls having overlapping inner and outer side cover flaps on their upper edges, the inner of said side cover flaps having a hand opening and a longitudinal score line at the inner edge of the opening to facilitate bending to handle position and a longitudinal score line adjacent its outer edge to facilitate bending to provide a grip flap, the outer cover flap being slit and scored to facilitate partial breaking out of a portion thereof to provide a hand opening with a flap secured at one edge thereof adapted to be disposed through the hand open-

ing in the other cover flap when the cover flaps are adjusted as a handle, said outer cover flap being also scored to facilitate bending to handle position and adjacent its outer edge to facilitate bending to provide a grip flap, said grip flaps being adapted to be folded into overlapping relation with the handle portion of the cover flaps when adjusted as a handle, the bottom having end wall flaps on its ends and the side walls having overlapping end wall flaps on their ends provided with interlocking tongues and slits, the outer of said interlocking end flaps having inner cover flap extensions on their upper edges foldable within the said side cover flaps.

4. A container comprising alined bottom and side walls, the side walls having overlapping cover flaps on their upper edges provided with hand openings and longitudinal score lines facilitating bending to handle position, longitudinal score lines adjacent their edges to facilitate bending to provide grip flaps, said grip flaps being adapted to be folded into overlapping relation with the handle portion of the cover flaps when adjusted as a handle, the outer cover flap having a partially severed portion adapted to be disposed through the hand opening in the other cover flap when the parts are adjusted to handle position, the bottom and side walls having overlapping end wall flaps on their ends, one of the end wall flaps at each end having inner cover flap extensions foldable within said side flaps.

5. A container comprising alined bottom and side walls, the side walls having overlapping cover flaps on their upper edges provided with hand openings and longitudinal score lines facilitating bending to handle position, longitudinal score lines adjacent their edges to facilitate bending to provide grip flaps, said grip flaps being adapted to be folded into overlapping relation with the handle portion of the cover flaps when adjusted as a handle, the bottom and side walls having overlapping end wall flaps on their ends, one of the end wall flaps at each end having inner cover flap extensions foldable within said side flaps.

6. A container comprising side walls having overlapping cover flaps on their upper edges provided with hand openings and grip flaps on the upper edges of said flaps and adapted to be folded into overlapping relation with the handle portion of the cover flaps when adjusted as a handle, the outer cover flap having a partially severed portion adapted to be disposed through the top of the hand opening in the other cover flap when the parts are adjusted to handle position.

7. A container comprising side walls having normally closed cover flaps on their upper edges adapted to be adjusted to provide a handle and provided with hand openings and grip flaps on the upper edges of said cover flaps, the grip flaps being of greater length than said hand openings and being adapted to be folded into overlapping relation with the handle portions of the cover flaps when the cover flaps are adjusted as a handle, said grip flaps when folded acting to add rigidity to the handle portions of the grip flaps above said hand openings.

CHARLES F. McALEER.