Dec. 22, 1936. K. E. VERHOVEN 2,065,483

CONTAINER

Filed July 3, 1936

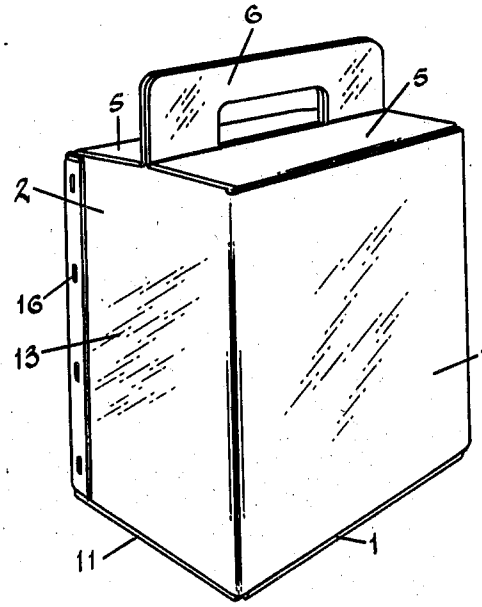


Fig 1

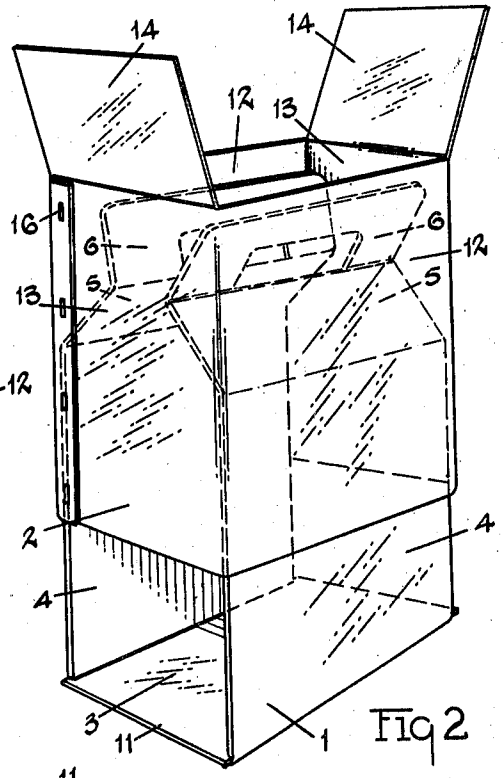


Fig 2

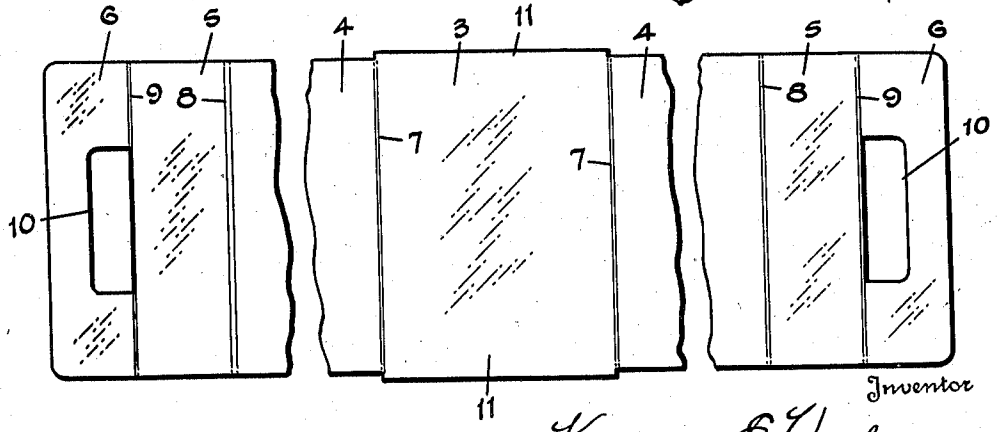


Fig 3

Inventor

Kramer E. Verhoven

By Faucet F. Crampton.

Attorney

Patented Dec. 22, 1936 2,065,483

UNITED STATES PATENT OFFICE

2,065,483

CONTAINER

Kramer E. Verhoven, Monroe, Mich., assignor to The Consolidated Paper Company, Monroe, Mich., a corporation of Michigan

Application July 3, 1936, Serial No. 88,859

2 Claims. (Cl. 229—52)

My invention relates to paper board market containers or boxes formed for conveniently carrying articles of different forms, such as merchandise. The box comprises a pair of telescoping members, one of the members adapted to support the articles, the other of the members forming an outer enclosing box or shell.

The invention has for its object to provide a market box having telescoping members, the inner of the members having handles for supporting the box and its contents and the other of the members having flaps foldable intermediate the handles for securing the handles in their position.

The invention also has for its object to provide a pair of members insertable one within the other, the inner of the members formed of a strip of relatively thick paper, such as corrugated board, and forming the bottom of the container and having two side parts and handles formed in the ends of the strips.

The invention also has for its object to provide an enclosing member fitting parts of an inner member and movable along the edges of the inner member and supported on protruding parts of the inner member for containing articles of different forms.

The invention also consists in providing flaps on an enclosing member that are located intermediate the side walls of an inner member on which articles within the container are supported.

The invention may be contained in boxes and containers that vary in their details, and to illustrate a practical application of the invention, I have selected a container or box formed for conveniently carrying merchandise therein, as illustrative of the practical application of the invention and as an example of the structures containing the invention and shall describe the box selected hereinafter. The box particularly referred to is shown in the accompanying drawing.

Fig. 1 of the drawing, illustrates a perspective view of a box having a pair of enclosing relatively telescoping members. Fig. 2 illustrates a perspective view of the box open and its telescoping members when removed longitudinally from their normal positions. Fig. 3 illustrates a broken view of a blank cut and scored to form the inner member of the box.

The container is formed of two members 1 and 2 that have parts whose dimensions are such that when the box is assembled, the members may be located one within the other telescopically.

The inner member 1 is a strip of paper board cut and scored to form the bottom part 3 of the box or container, the side parts 4, the flaps 5, and the handle parts 6. The blank is scored along the lines 7, 8, and 9 which enable folding of the parts relative to each other. The ends of the strip are cut to form the openings 10 that form the handle parts 6. The bottom part 3 has the protruding edge parts 11 that extend beyond the line of the edges of the sides 4, the flaps 5, and the handles 6.

The outer member 2 is formed from suitable stiff paper or cardboard or corrugated board, as may be desired, and is cut and scored to form the two sides 12, the ends 13, and the flaps 14 that are integrally connected with the upper edges of the ends 13. The parts of the member 2 that form the sides 12 and the ends 13 are scored and folded to form a rectangular shape. The end edge parts of the member overlap and are secured together by suitable staples 16. The dimensions of the parts of the member 2 are such as to fit the sides 4 of the member 1, particularly as determined by the distance between the score lines 7, and also as determined by the width of the sides 4, so that the sides 4 have dimensions substantially the same as the inner dimensions of the sides 12 of the member 2. The protruding edge parts 11 are located below and engage the lower edges of the ends 13 of the member 2. When, therefore, the member 2 is moved down to enclose the member 1, the lower edges of the ends 13 engage the edge parts. The member 2 not only fits the exterior of the member 1 but is also supported thereon and engaged thereby. The flaps 14 may be folded to locate them between the end parts of the sides 4 of the inner member to not only cover and close the interior of the space between the sides 4 of the member 1 and the ends 13 of the member 2, but also to lock the sides 4 in their positions against the sides 12. This locates the flaps 5 on the outside of the box. The flaps 5 are folded onto the folded flaps 14 and close or cover the top of the box. The handle parts 6 are thus brought into contact in the center of the top of the box as indicated in Fig. 1 and in position where they may be readily gripped to lift the box.

The flaps 14 engage the flaps 5 where they protrude from between the edges of the flaps 14 and the sides 12 and prevent the pressure due to the weight of the contents of the box from drawing the sides 4 against the contents The flaps 14 hold the sides 4 in spacial relation to prevent crowding of the articles that may be

located in the box, notwithstanding the weight of the box and its contents.

I claim:

1. A container formed of a pair of paper board members located one within the other and having contacting side walls of substantially the same dimensions, the end walls of the outer member having flaps, the inner member having a bottom part, the bottom part having projecting ledges for engaging the lower end edges of the end walls of the outer member, the upper ends of the side walls of the inner member having foldable parts substantially covering the said flaps and forming the top of the box and handles connected to the said foldable parts for carrying the said container.

2. A container formed of a pair of paper board members located one within the other and having contacting side walls of substantially the same dimensions, the end walls of the outer member having flaps, the inner member having a bottom part, the upper ends of the side walls of the inner member having foldable parts substantially covering the said flaps and forming the top of the box and handles connected to the said foldable parts, means for interconnecting the inner and outer members for supporting the outer member on the inner member when the container is carried by the handles.

KRAMER E. VERHOVEN.