

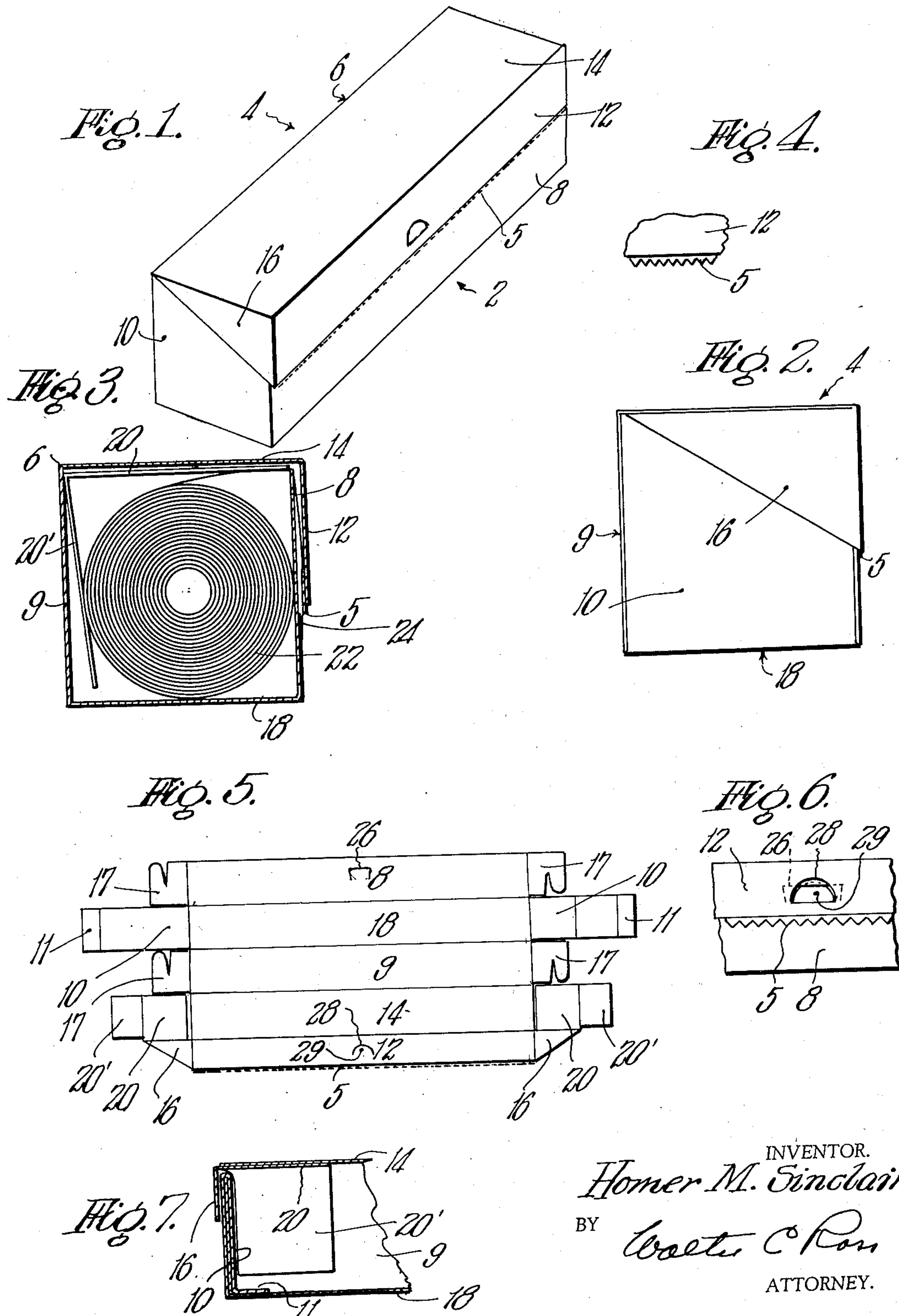
June 5, 1934.

H. M. SINCLAIR

1,961,511

CARTON

Filed Feb. 24, 1933



INVENTOR.  
*Homer M. Sinclair*  
BY *Walter C. Ross*  
ATTORNEY.



## UNITED STATES PATENT OFFICE

1,961,511

CARTON

Homer M. Sinclair, Holyoke, Mass., assignor to  
American Tissue Mills, a corporation of Massa-  
chusetts

Application February 24, 1933, Serial No. 658,390

5 Claims. (Cl. 206—58)

This invention relates to improvements in dispensing packages and is directed more particularly to an improved container for holding and dispensing wax paper and the like from rolls thereof.

The invention has for its principal object the provision of a novel container for a roll of material having means associated therewith to facilitate any desired length of the material being withdrawn from the box and readily detached from the roll. As further objects, the invention is directed to the provision of a foldable container which may be economically made and easily set up from a single blank and which is provided in a distinctive manner with a serrated cutting strip, so that a length of paper may be readily and quickly detached from the enclosed roll without the danger of injury from the cutting edge. As a further feature, the cutting edge of the container is supported or reinforced to provide the necessary stiffness while at the same time the parts of the container are made so the cutting edge is located outside the container whereby the roll of paper is not likely to be injured.

Various novel features and advantages of the invention will be hereinafter more fully referred to in connection with the accompanying description, the invention in its present preferred form being shown in connection with the accompanying drawing, wherein:

Fig. 1 is a perspective view of the carton or container of the invention.

Fig. 2 is an end elevational view of the box shown in Fig. 1.

Fig. 3 is a partial sectional view through the box of the invention showing a roll therein.

Fig. 4 is a front view of a section of one element of the invention.

Fig. 5 is a plan view of a blank foldable to form the container of the invention.

Fig. 6 is a partial front elevational view of the box showing the cover lock, and

Fig. 7 is a longitudinal sectional view at one end of the box showing the friction flaps.

Referring now to the drawing in detail the invention will be more fully described.

In Fig. 1 there is shown a box or container 2 having a cover member 4 hinged to the box at 6. The box 2 has front and rear walls 8 and 9, end walls 10 and a bottom wall 18. The carton is preferably of a size and shape suitable for containing a roll of waxed paper or the like and the parts forming the box and cover member are preferably formed as a one-piece blank.

The cover member 4 has a body portion 14 for overlying the top of the carton and a front flap portion 12. End portions or gussets 16 are provided to lie adjacent and outside the end walls 10 of the container. These portions 14, 12 and 16 are preferably integral and arranged so that

a relatively tight fitting cover for the container is provided.

The lower marginal edge of the front flap 12 is provided with a longitudinal strip 5 having a serrated cutting edge. The strip 5 may be of metal or the like and according to the preferred form of the invention, as shown in Fig. 4, may be attached to the lower marginal edge of the front flap portion 12 by means of prongs or the like struck up from the strip and punched into the flap. It is thus possible for the paper or the like which is drawn between the front wall 8 of the box and the flap 12 of the cover as shown in Fig. 3, to be severed by the serrated edge 5.

The roll of paper or the like, 22, is preferably enclosed in the container as shown in Fig. 3 so that material may be unwound therefrom as it rotates in a clockwise direction. A section 24 of the roll may thus be enrolled to any desired length, drawn from the rear of the box, across the under side of the top portion, down over the upper marginal edge of the front wall 8, downwardly between the front wall 8 and the cover portion 12 to be easily detached by the serrated edge 5.

The end portions or gussets 16 of the cover member are, as stated above, integral with the front flap portion 12 and adapted to reinforce the set-up carton. As shown in Fig. 1, the portions 16 preferably lie adjacent the outside of the end walls 10 and extend from the lower marginal edge of the flap portion 12 to adjacent the hinge 6 connecting the cover member to the rear wall of the container. These gussets 16 not only connect the portions 12 and 14 of the cover so as to support and stiffen the flap 12 but tend to hold these parts against relative movements. It is desirable that the flap 12 lie outside the wall 8 at all times so the cutting edge will not injure the paper of the roll. The parts 16 prevent the flap and its cutting edge from being inserted within the container.

The preferred form of blank for forming the container shown in Fig. 5 will now be described.

Flaps 17 on the outer extremities of the front and rear walls 8 and 9 are provided to close up the ends of the box. These flaps may be of any ordinary form but are preferably adapted to slightly overlap, so that strength and security is gained thereby when the blank is set up. The end walls 10 extend from the ends of the bottom wall 18. These flaps are arranged to be foldable to overlie both the outer and inner sides of the flaps 17 when the carton is in set up position. Tabs 11 on the outer extremities of the flaps 10 are, according to a preferred form of the invention, adapted to hold the walls in set up position, as by being inserted in slots 13 in the bottom wall 18. A strong and easily set up box is the result.



Other foldable flaps 20 and 20' which may be called friction flaps are attached to the portions 16 of the cover member as shown. When the box is set up the friction flaps bear on the roll 22 within the box and tend to hold the roll against rotating in a winding up direction. Since the roll is preferably unwound in a clock-wise motion, the friction means is especially adapted to act as a brake to the movement of the paper from the rear of the carton downwardly between the flap 12 and the wall 8.

As shown in Fig. 7, the friction flaps, 20', are disposed adjacent the opposite ends of the back wall 9 of the box. They thus serve to bear against the opposite ends of a roll of material, 22, therein.

With the cutter edge 5 on the lower marginal edge of the front flap 12 of the cover member, the serrated strip is at all times in a relatively safe position. The cutter neither projects above nor below the box and the snug fitting cover provides a compact container which may be used with safety.

A novel locking means such as shown in Fig. 6 may be provided. According to one way of holding the cover 4 closed, a tab-receiving slot 26 may be provided in the front wall 8 of the box and a lock tab 29 may be formed by a slot 28 in the cover flap 12. Thus, when the box is not in use and it is not desired to withdraw material therefrom, the cover 4 may be locked in closed position.

Having described the invention in its present preferred form, what I now desire to claim and secure by Letters Patent of the United States is:

1. As a new article of manufacture, a carton enclosing a roll of sheet material comprising, front, rear, bottom and side walls folded to form a receptacle for containing said roll, a cover member for said receptacle hinged to said rear wall and having a front flap portion lying adjacent the outside of said front wall, gusset portions hinged to opposite ends of said front flap portion lying adjacent the outside of said side walls, friction flaps associated with said gusset portions folded adjacent the inside of opposite ends of said rear wall and having portions thereof bearing on said roll and a serrated strip associated with the lower marginal edge of said front flap portion, all adapted and arranged whereby said material may be withdrawn from said receptacle between said serrated strip and said front wall and may be severed from said roll by said serrated strip.

2. A box of the class described comprising in combination, front, rear, bottom and side walls foldable to provide a receptacle, a cover member for said receptacle hinged to the upper marginal edge of said rear wall having a front flap portion for lying adjacent the outside of said front wall, gusset portions hingedly connected to opposite ends of said front flap portion lying adjacent the outside of said side walls, connecting portions hingedly connected to said gusset portions lying adjacent the inside of opposite ends of said cover member, friction flaps hingedly connected to said connecting portions folded adjacent the inside of opposite ends of said rear wall, and a serrated strip associated with the lower marginal edge of said front flap portion, all adapted and arranged whereby said friction flaps urge forwardly a roll of sheet material in said receptacle and whereby said material may be withdrawn from said receptacle between said serrated strip

and said front wall and may be severed from said roll by said serrated strip.

3. A new article of manufacture, a foldable blank for forming a carton of the class described comprising, a bottom wall member, a front wall member extending from the forward side of said bottom wall member, a rear wall member extending from the rear side of said bottom wall member, side walls extending from opposite ends of said wall members, a cover member extending from the outer side of said rear wall member, a front flap portion extending from the outer side of said cover member, gusset portions extending from opposite ends of said front flap portion, connecting portions extending from the rear sides of said gusset portions and friction flaps extending from the outer ends of said connecting portions.

4. As a new article of manufacture, a foldable carton enclosing a roll of sheet material comprising in combination, front, rear, bottom and side walls folded to provide a receptacle, a cover member having a body portion hinged at its rear side to the upper marginal edge of said rear wall and overlying the top of said receptacle and a front flap portion hinged at its forward side and lying adjacent the outside of said front wall, gusset portions hingedly connected to opposite ends of said front flap portion lying adjacent the outside of said side walls, connecting portions hingedly connected to said gusset portions lying adjacent the inside of opposite ends of the body portion of said cover member, friction flaps hingedly connected to said connecting portions folded adjacent the inside of opposite ends of said rear wall, a serrated strip associated with the lower marginal edge of said front flap portion, all adapted and arranged whereby said sheet material may be withdrawn from said receptacle downwardly over the upper marginal edge of said front wall and outwardly between said serrated strip and said front wall and may be severed from said roll by being brought outwardly and upwardly against said serrated strip.

5. As a new article of manufacture, a foldable carton enclosing a roll of sheet material comprising in combination, front, rear, bottom and side walls folded to provide a receptacle, a cover member having a body portion hinged at its rear side to the upper marginal edge of said rear wall and overlying the top of said receptacle and a front flap portion hinged at its forward side and lying adjacent the outside of said front wall, gusset portions hingedly connected to opposite ends of said front flap portion lying adjacent the outside of said side walls, connecting portions hingedly connected to said gusset portions lying adjacent the inside of opposite ends of the body portion of said cover member, friction flaps hingedly connected to said connecting portions folded adjacent the inside of opposite ends of said rear wall, a tab-receiving slot in said front wall, a lock-tab on said front flap portion receivable in said slot, and a serrated strip associated with the lower marginal edge of said front flap portion, all adapted and arranged whereby said sheet material may be withdrawn from said receptacle downwardly over the upper marginal edge of said front wall and outwardly between said serrated strip and said front wall and may be severed from said roll by being brought outwardly and upwardly against said serrated strip.

HOMER M. SINCLAIR.

80

85

90

95

100

105

110

115

120

125

130

135

140

145

150