

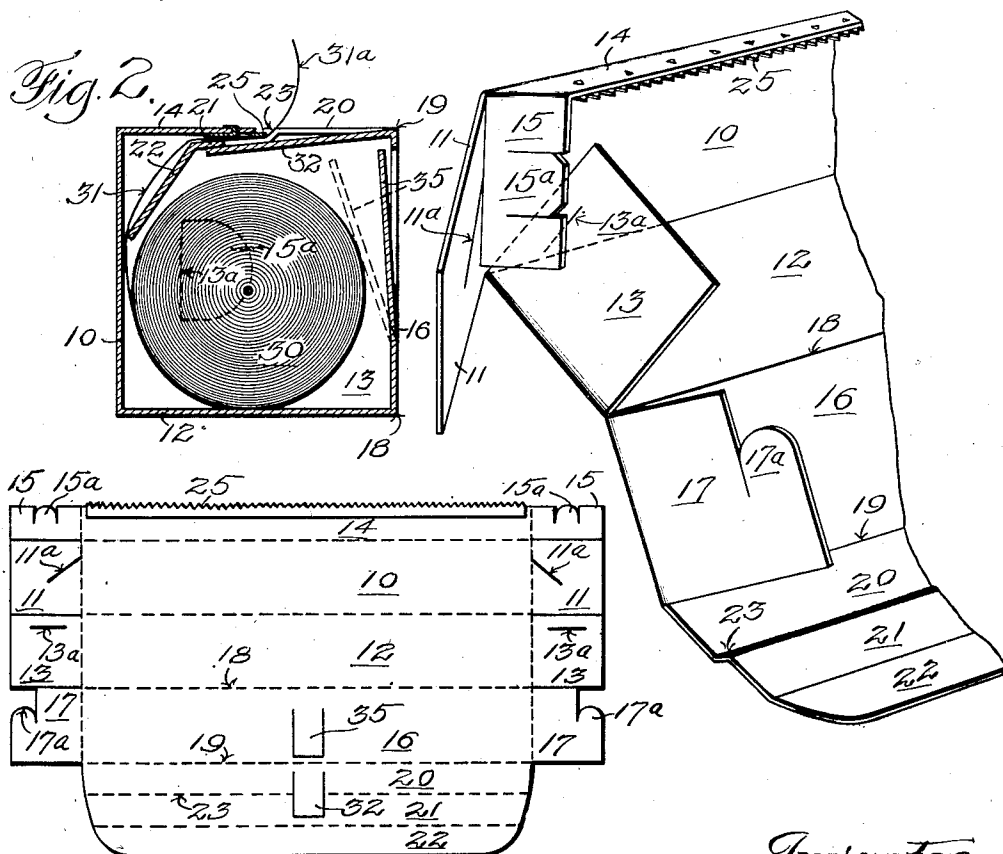
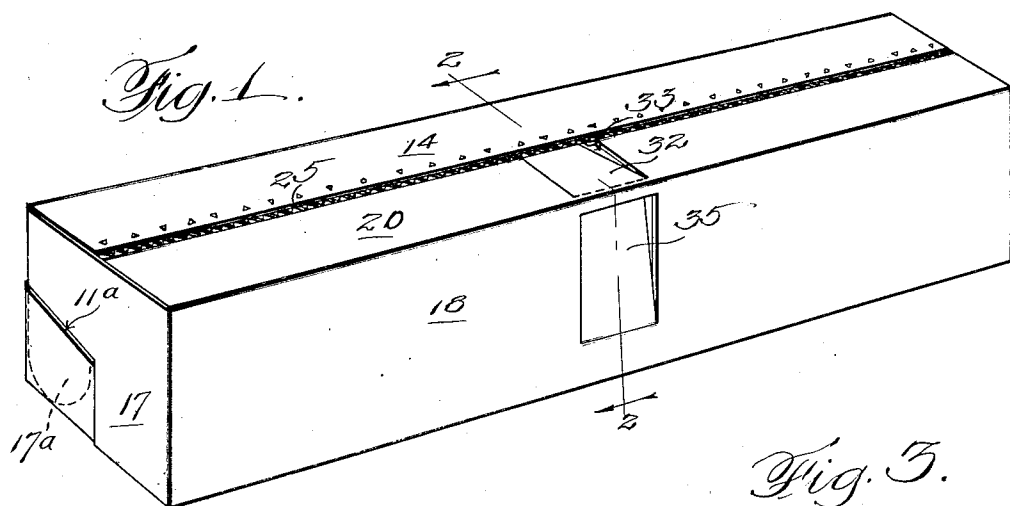
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CONTAINER FOR PAPER IN ROLLS

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CONTAINER FOR PAPER IN ROLLS

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These improvements relate to small portable containers adapted to hold waxed paper and the like in rolls for dispensing the same while maintaining the paper in clean, unbroken and sanitary condition.

One object of these improvements is to provide a form of such container in which the several parts are held strongly together in the closed position. Another is in provisions whereby the cutting edge of the paper-severing device is so disposed as not to injure the hands of the user or mar furniture or other articles with which the device may come into contact when the container is closed as for use. The device is peculiarly easy and convenient in use, and is also simple and of low cost.

In the drawing Figure 1 is a perspective showing the container in closed position;

Fig. 2 is a transverse section, as on the line 2-2 of Fig. 1;

Fig. 3 is a fragment of one end of the device showing the arrangement of parts in the final stages of the folding operation; and

Fig. 4 shows the blank out of which the device shown by the other figures is made, the cutter being attached.

The container is preferably made from cardboard, although other sheet material may be used. It comprises a side wall 10, a pair of end walls 11 integral with the side wall, a bottom wall 12 having a pair of end walls 13 integral therewith, and a top wall 14, the latter extending only about half way across the top from side to side. The top wall 14 has integral end walls 15 provided with tabs 15a respectively. Each end wall 13 has a slit or slot 13a into which the associated tab 15a enters (Figs. 3 and 4). The side wall 16, opposite side wall 12, has a pair of end walls 17 provided with tabs 17a respectively.

In the folding of the end wall elements the part 13 is turned up and the part 15 is turned down over it and the tab 15a is inserted in the slot 13a. The end wall 11 is then laid over against parts 15 and 13 and then end wall 17 is laid over against end wall

11 and the tab 17a is inserted in a slot 11a in end wall 11.

There is thus produced an unusually strong end wall construction, and without resort to any glueing operation, the latter being objectionable in various ways, including the cost of the labor involved.

At the upper corner line 19 of the side wall 16 there is an integral leaf-like extension consisting of the parts 20, 21 and 22, the part 20 coacting with the top wall 14 to form a combined top wall extending from side to side. At 23 (between parts 20 and 21) the material is offset inward or normally downward, and the part or leaf 21 extends thence so as to underlie the wall 14, while the free end part 22 turns downward diagonally across the corner as shown by Fig. 2.

The offset at 25 provides that the top or outer surface of the top wall elements 14 and 20 are in substantially the same plane, which is a good feature in itself, but my object in this regard is a more important one.

At the free edge portion of top wall 14 there is secured a paper-severing device 25 consisting of a strip of thin sheet metal and which may have a straight cutting edge but which preferably has its cutting edge serrated. As shown by Fig. 2 that cutting edge is at the offset portion 23 when the device is in closed position and thus that edge is below the general outer or top surface of the parts 14 and 20 and is not only itself protected but is so protectingly covered or guarded as to prevent its doing damage to the hands of the user or to articles of furniture, etc., in connection with which the device may be used. Heretofore, so far as I am aware the cutting edge of such devices has stood away or projected outwardly to such extent as to do various kinds of damage and injury, to catch in various articles when the device is put away in drawers or elsewhere, and to prove objectionable in various other ways.

When a roll of paper as 30 is to be inserted, after using up the one previously installed, the end walls 17 are freed by disengaging the tabs 17a from the slits 11a, whereupon the side wall 16 and its associated parts may be swung away on the hinge-like connection at

18 (formed by scoring the cardboard stock, as is done at the other bending lines). The opening for inserting the roll is unusually large. A free end part 31, 31a of the web is drawn away from the roll and then the side wall 16 and its associated elements are folded into the closed position with the tabs 17a again passing through the slits 11a and with the web 31, 31a passing above the sections 22 and 21 and issuing at the cutter 25.

Preferably at about the middle of the top wall section 20 I cut out on three sides a leaf 32, as shown in Fig. 1, leaving a finger opening 33 which is substantially closed by the leaf 32 except when the user wishes to withdraw a section of the paper web, at which time he may press down with the back of his finger upon the leaf 32, reach under the free edge portion of the wall 14 and cutter 25 and withdraw some of the web as 31a. Having withdrawn as much as is desired that exposed section is simply torn off against the cutter 25.

Sometimes the roll of paper as 31 has a tendency to turn during the tearing-off operation, especially in some constructions. At 35 I have shown another tab cut out on three sides from the body of the side wall 16 and which may be pressed inward by the operator's thumb while holding the device whereby the roll of paper may be held frictionally to prevent such turning and insure the tearing away of the exposed part of the web on the straight line desired.

Various other constructions of the container itself, as to the formation and the securing together of the several walls or parts may be employed, and various modifications and departures may also be made in the more essential features of the improvements shown. I therefore contemplate as being included herein all such changes, variations and departures from what is thus specifically illustrated and described as fall within the scope of the appended claims.

I claim:

1. A container of the character described having a wall portion carrying a paper-severing device with a cutting edge and having a wall portion including a leaf-like part adapted to extend under said other wall portion, there being an offset in said secondly-mentioned wall normally close to said cutting edge, the cutting edge being directed toward said offset and protectingly guarded thereby.

2. In a container of the character described, the combination of end walls, a bottom wall, side walls and a top wall, the latter consisting of two parts, one part having an extension normally underlying the other part, said underlying extension being offset normally downward where it begins to extend in underlying relation to the other part, said other part having a paper-severing device with a

cutting edge at said offset, said offset and said cutting edge being within the area of the top wall as a whole.

3. In a portable dispensing container of the character described for holding a roll of paper, comprising a hollow body having oppositely-disposed end walls, a bottom wall, oppositely-disposed side walls, and a top wall comprising a plurality of sections, one of said sections being connected to one of the side walls, another of said sections being connected to the other side wall and having a free end portion adapted to extend under the first-mentioned top wall section, said first-mentioned top wall section having a free edge extending longitudinally with and between the side walls, a paper severing device extending along said free edge, said secondly-mentioned top wall section having an offset normally-downward substantially at said paper-severing device whereby the cutting edge of said device is normally below the top surface of said secondly-mentioned top wall section at said offset.

4. In a portable dispensing container of the character described for holding a roll of paper, the combination of a bottom wall, oppositely-disposed side walls, and a top wall section of less width than is the bottom wall and having a paper-severing free edge thereof extending longitudinally between the side walls, the bottom wall having at one end an end wall extension adapted to be turned up substantially at right angles to the bottom wall, said top wall section having at one end an end wall extension adapted to be turned downward to overlie said other end wall extension, with means for interlocking said two end wall extensions together, the side wall adjacent to said top wall section having an end wall extension adjacent to said other end wall extensions and adapted to be folded over to overlie said other two end wall extensions, the other side wall having an end wall extension adjacent to said other end wall extensions and adapted to overlie the first-mentioned side wall extension, with means for releasably interlocking said two side wall extensions together, said secondly-mentioned side wall having connected therewith a leaf-like member adapted to extend substantially to said paper-severing edge and thus form a second top wall section and then to extend beneath said first-mentioned top wall section.

JOHN V. DUFFIN.