Oct. 11, 1932. E. H. LEWANDOWSKI 1,881,731

CUTTER BOX

Filed Oct. 21, 1929

Fig. 1

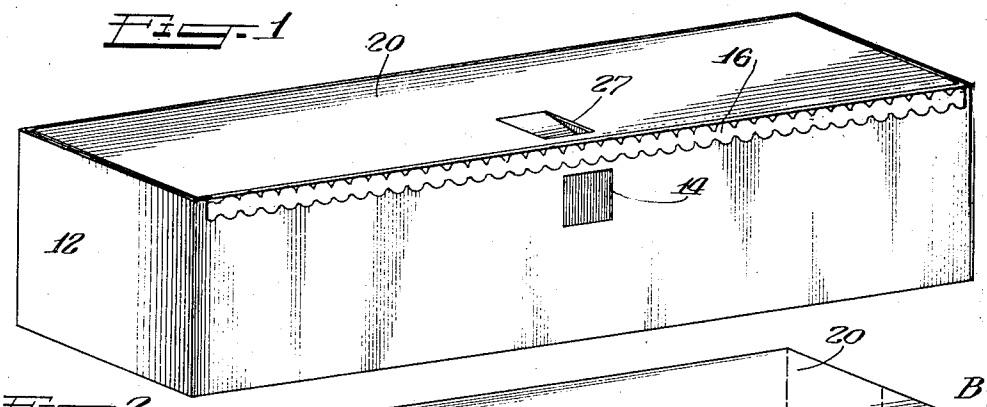


Fig. 2

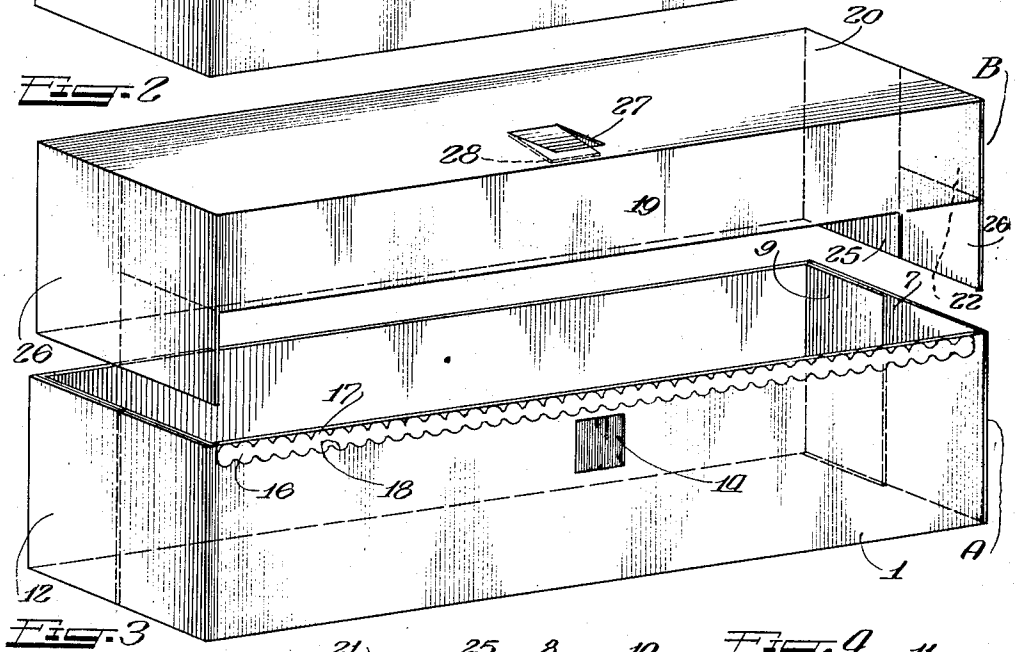


Fig. 3

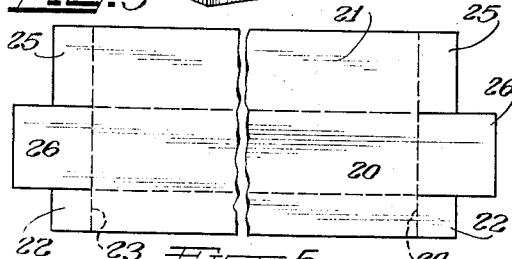


Fig. 4

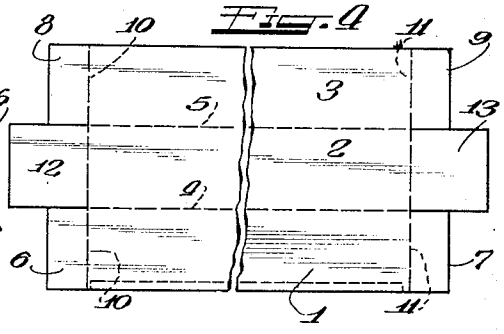
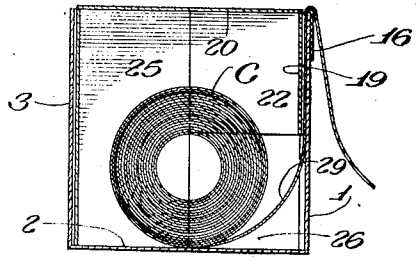


Fig. 5



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1,881,731

UNITED STATES PATENT OFFICE

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CUTTER BOX

Application filed October 21, 1929. Serial No. 401,310.

This invention relates to a cutter box and particularly one for containing paper rolls which box serves a double purpose of a shipping box for the roll as well as a dispensing package for the same.

The container or package of this invention is especially useful for waxed and like paper utilized for wrapping food and the like and is arranged to enclose such paper, which is supplied in roll form, to protect it from dust and to allow ready withdrawal of the paper web for tearing off pieces of requisite size.

An object of the invention is to provide a package or container for roll paper whereby portions of the paper may be withdrawn and torn off in desired lengths.

Another object of the invention is to provide a package which is economical to manufacture and easy to use.

A further object of the invention is to provide a package for roll paper which is useful as a shipping package as well as a dispensing package and which may be readily refilled without having to be disassembled.

A still further object of the invention is to provide a package for roll paper which is made from blanks with minimum weight and easily and readily assembled into box-like form.

The above, other and further objects of the invention will be apparent from the following description, accompanying drawing, and appended claims.

An embodiment of the invention is illustrated in the accompanying drawing and the views thereof are as follows:

Figure 1 is a perspective view of a box embodying the present invention showing the same in closed position.

Figure 2 is a perspective view of the box of Figure 1 showing the two parts thereof in separated position and also illustrating details of construction.

Figure 3 is a fragmental plan view of a blank from which one of the parts of the box is made.

Figure 4 is a fragmental plan view of a blank from which the other part is made.

Figure 5 is a transverse vertical section through the box of Figure 1, showing a roll of paper therein with the web of the same extending outwardly and available for tearing off a portion of the same.

The illustrated form of package embodying the present invention is shown as including two parts which, for convenience herein, will be referred to as the upper or inner part and the other part as the lower or outer part. It is understood, however, that the use of these terms is clearly for the purpose of convenience, and that the invention is not to be limited by the use of the terms and such terms as used in the claims are not to be construed as terms of limitation.

The bottom or outer portion A is made from pasteboard, cardboard, or like material from a blank as shown in Figure 4, which blank is scored and cut to provide a front panel 1, a bottom panel 2, and a back panel 3, the various panels being scored on the lines 4 and 5 so as to be folded with the side panels 1 and 3 perpendicular to the bottom panel 2. Each of the side panels 1 and 3 is provided with end pieces 6 and 7 and 8 and 9 respectively, which end pieces are scored so as to be folded along the lines 10 and 11. The length of the end pieces 6, 7, 8, and 9 is substantially half of the depth of the box when the same is assembled.

The bottom panel 2 is provided with end pieces 12 and 13 which are scored along the lines 10 and 11 and also which are cut from the end pieces of the other panels so as to be separate from the same. The length of the end pieces 12 and 13 is substantially that of the height of the lower or outer portion A of the box when assembled.

The blank shown in Figure 4 is assembled into the form illustrated at A in Figure 2 by bending the side panels 1 and 3 upwardly into perpendicular relation with respect to the bottom panel 2 and then bending the end pieces of the side panels 1 and 3 inwardly inside of the end pieces 12 and 13 of the bottom panel 2 and then pasting the same together in the manner illustrated in Figure 2. Such construction enables the use of material of

light weight for forming a box part of sufficient strength.

A thumb hole 14 is formed in the front side panel 1 whereby the web 29 of the roll C may be advanced to enable the same to be withdrawn for tearing off part of the same.

A tear-off blade or strip 16 is secured to the free edge of the side panel 1 and arranged preferably so that the effective edge thereof will lie flush with or a slight distance below the free edge of the side panel 1. The strip 16 may, if desired, have serrated edges 17 and 18. The strip 16 may be secured to the panel 1 in any competent manner.

The upper or inner part B is made from the blank illustrated in Figure 3, which blank is scored and cut to provide panels 19, 20, and 21. The panel 21 is substantially equal to the depth of the lower or outer portion A while the panel 19 is shorter than the panel 21.

The panel 19 has end pieces 22 which are scored on lines 23 and 24 so as to allow the end pieces to be folded into substantially perpendicular relation with respect to the panel 19.

The panel 21 is provided with end pieces 25 which are scored on the same lines for the same purpose. The length of the end pieces 22 and 25, that is, the distance from the score line to the end margin, is not over half of the depth of the member B from front to back as viewed in Figures 1 and 2 of the drawing.

The panel 20 has end pieces 26 also scored on lines 23 and 24 which end pieces are in length substantially that of the depth of the lower or outer portion A and equal to the depth of the panel 21. The panels 22, 26, and 25 are separated one from another by cutting as indicated, so that the end pieces may be assembled in much the same manner as the end pieces of the lower or outer portion A.

The blank of Figure 3 is assembled into box-like form as illustrated in the upper portion of Figure 2 by folding the panels 19 and 21 downwardly with respect to panel 20, folding the end pieces 22 and 25 inwardly and pasting the same against the inner faces of the end panel 26 on the panel 20, as illustrated in the upper portion of Figure 2.

A finger hole 27 is provided in the panel 20 by forming a cut on three sides of the rectangle and pressing inwardly the lug 28 so formed.

The positions of the openings 14 and 27 are substantially midway of the length of the box for purposes to be later explained.

A roll C of waxed or like paper is placed in the lower or outer part A with the web 29 thereof unrolling from the bottom of the roll and trained upwardly over the serrated blade 16. The upper or inner member B is then telescopically inserted within the lower or outer part A completely enclosing the roll C of paper. A passageway is thus provided between the outer surface of the panel 19 of the part B and the inner surface of the panel 1 of the part A, and forms a passage for the web 29 of the paper.

Paper is withdrawn from the package as follows:

The package as the same appears in Figure 1 is held in the left hand of the person using the same and the thumb and forefinger of the right hand inserted in the openings 14 and 27 for grasping the free edge of the web 29 of the paper which is flush with the tearing-off strip 16, and thus pull the web of the paper up until a sufficient amount has been withdrawn and then turn it downwardly as shown in Figure 5 over the tearing-off strip 16, whereupon the fingers of the left hand press against the panel 1 to hold the web of the paper against the front panel 19 of the upper or inner part B, whereupon the portion desired is then torn off against the tearing-off strip or blade 16.

It will be readily observed that when a roll C of paper is exhausted, the package may be separated by removing the inner or upper part B from the lower or outer part A and a new roll inserted, thereby enabling repeated use of the package of this invention.

The use of the serrated tearing-off strip of blade 16 makes possible a clean tearing off of the desired length of paper and at the same time adds to the appearance of the torn off piece.

The invention has been described herein more or less precisely, yet it is to be understood that the invention is not to be limited thereby, as changes may be made in the arrangement and proportion of parts and equivalents may be substituted without departing from the spirit and scope of the invention.

The invention is claimed as follows:

1. A two part container for rolled paper including an outer box-like part and an inner box-like part, each having closed ends and an open side and arranged for telescopic association to provide a closed package, the ends of the inner part being of substantially the same height as the ends of the outer part, one of the sides of the inner part being shorter than the opposite side of said part, said shorter side of the inner part and the corresponding side of the outer part defining a passage, and a tear off edge on said outer part adjacent said passage substantially even with the edge of the passage, each of said parts having an opening therein, said openings being so made as to be in panels adjacent said passage when said parts are together in box form whereby fingers may be inserted through said openings to grasp the free end of the paper web for withdrawing said web.

2. A two part container for rolled paper including an outer box-like part and an inner

box-like part, each having closed ends and an open side and arranged for telescopic association to provide a closed package, the ends of the inner part being substantially of the same height as the ends of the outer part, one of the sides of the inner part being shorter than the opposite side of said part, said shorter side of the inner part and the corresponding side of the outer part defining a passage, and said outer part having at said passage an attached tear off blade arranged with its tear off edge even with the edge of the side of the outer part forming said passage, each of said parts having an opening therein, said openings being so made as to be in panels adjacent said passage when said parts are together in box form whereby fingers may be inserted through said openings to grasp the free end of the paper web for withdrawing said web.

In testimony whereof I have hereunto subscribed my name at Chicago, Cook County, Illinois.

EDWARD H. LEWANDOWSKI.