

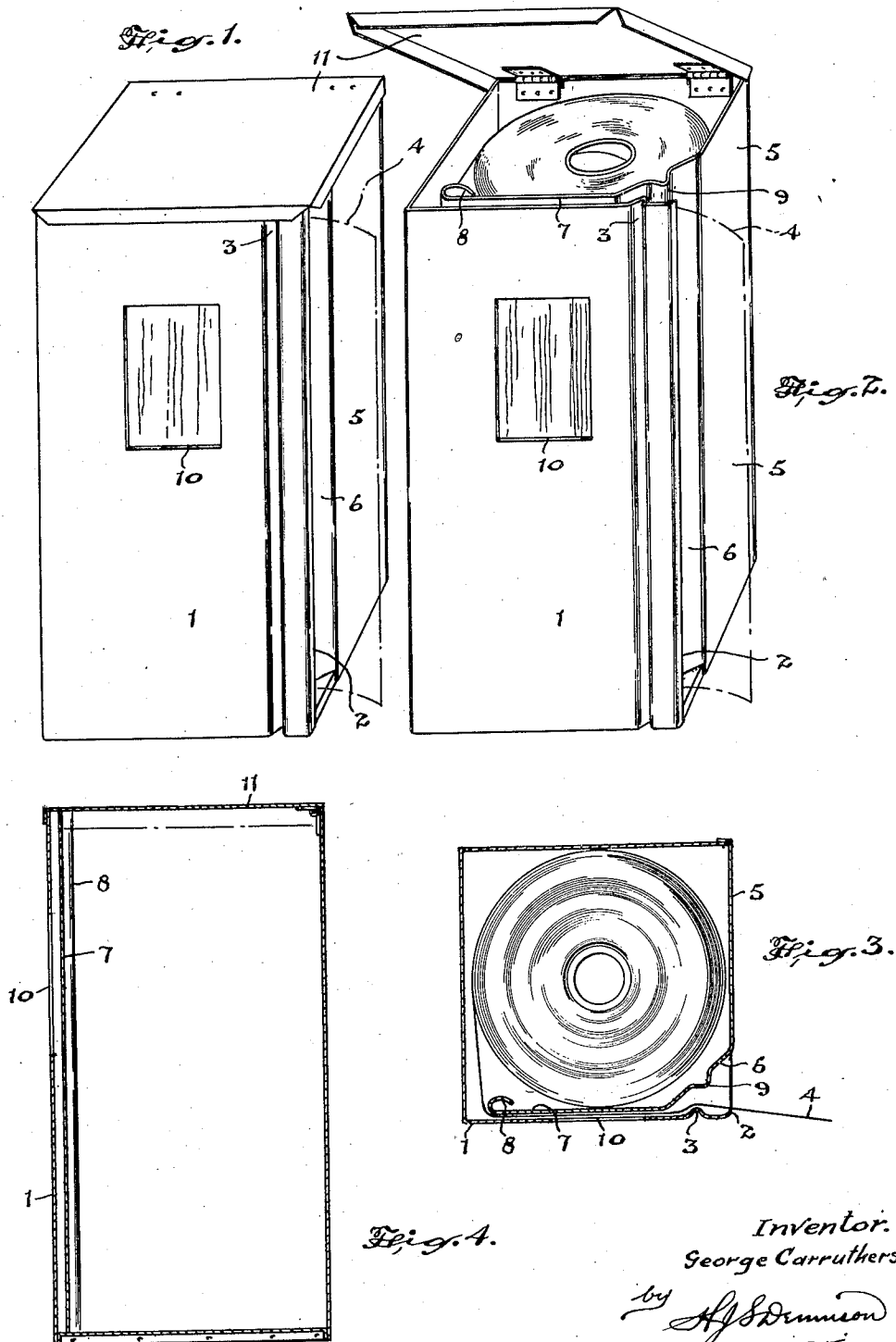
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G. CARRUTHERS

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ROLL PAPER DISPENSING CABINET

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ROLL PAPER DISPENSING CABINET

George Carruthers, Toronto, Ontario, Canada, assignor to Interlake Tissue Mills Co. Limited, Toronto, Ontario, Canada

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The principal objects of this invention are to provide a cabinet for dispensing paper from rolls, such for instance as the paper used for sanitary towels in which the free edge of the paper will always be readily available to be gripped by the hand and in which means is provided for tearing the paper at desirable lengths.

The principal features of the invention consist in the novel construction of the cabinet with a double wall forming a passage through which the paper passes to an opening at one side which is provided with a tearing edge, the outer of the double walls being provided with an opening to permit the person tearing off the sheet of paper feeding the sheet outwardly so that it may be grasped easily, or to enable the holding of the paper sheet while the end is being torn therefrom.

In the accompanying drawing, Figure 1 is a perspective view of my improved cabinet.

Figure 2 is a perspective view of the cabinet showing the cover raised.

Figure 3 is a sectional plan detail and Figure 4 is a longitudinal vertical mid-sectional view taken through the front and back walls.

In the dispensing of sanitary paper towelling it has been customary to cut the paper into a predetermined length and inter-fold the lengths which are placed in a dispensing cabinet so that the withdrawal of one length of paper or towel pulls out the edge of another towel. The cutting and inter-folding of the towelling is expensive and the present invention has been devised to enable the towelling material to be sold in large rolls from which it is dispensed directly.

In the form of the invention shown the cabinet is of substantially rectangular form. The vertical front wall 1 has the longitudinal edge 2 thereof bevelled inwardly to form a cutting edge against which the paper is torn. A vertical rib 3 projecting inwardly from the front panel is arranged a short distance from the edge 2, said rib reinforcing the panel from end to end and also providing an obstruction which directs the sheet of paper 4 away from the inner face of the front panel so that the edge may be readily grasped in the fingers.

The side wall 5 of the cabinet is formed with a bevelled portion 6 connecting the side wall with the inner front wall 7 which is spaced a short distance inwardly from the wall 1 and has a rolled inner edge 8. The bevelled portion 6 between the inner front wall 7 of the side wall 5 is preferably formed with an outwardly projecting rib 9 which acts to hold the paper sheet 4 away from

the bevelled wall so that it may be easily grasped with the fingers.

The paper, which is in the form of a roll, is inserted endwise into the cabinet and the end is drawn around the rolled edge 8 of the inner front wall 7 and passing between these two walls, the end extends out into the flaring opening formed between the longitudinal edge 2 of the front wall and the bevelled portion 6 of the side wall.

The front wall 1 is provided with an opening 10 which exposes a portion of the paper sheet and permits the person using the device placing the fingers directly upon the paper sheet to hold it against the inner front wall while the projecting end is torn across the tearing edge 2, or if perchance the free end of the paper strip is torn back from the edge or is by accident pulled in so far that it cannot be easily gripped, then the pressure of the fingers or thumb against the paper and the backing formed by the inner front wall enables the paper to be pushed out so that it can be easily gripped.

The paper naturally curls toward the bevelled wall 6 and engaging the vertical rib therein, it is held out from the smooth wall surface so that the operator may readily grasp the end.

A suitable cover 11 flanged at the edges closes the top of the cabinet.

The device is extremely simple, but it enables the use of a long, rolled strip of paper being used for towel purposes. The preferable use of the device is for the dispensing of sanitary towelling, but other types of paper may be dispensed from such a cabinet if so desired.

The device is quite rugged. The vertical walls are formed from a single sheet of metal and the ends closed by a rigid bottom and a hinged top.

What I claim as my invention is:—

1. A dispensing cabinet for paper rolls comprising a vertically elongated casing having permanently overlapped walls on one side forming a restricted vertical outlet passage for the paper strip, the outer wall having its free vertical edge flanged reinforcingly inward to angularly intersect the plane of disposition of said restricted vertical passage and presenting a sharpened vertical cutting edge at the flange extremity, said casing having a fixed bottom on which one end of the roll rotatably rests to minimize the side frictional contact with the casing walls.

2. A dispensing cabinet as claimed in claim 1 in which said overlapping walls terminate at the outward end of the restricted passage in inwardly ribbed divergent portions, the ribs co-

operating with the sheet on opposite sides of the pocket formed by the diverging wall portions to centralize and facilitate grasping of the end portion of the sheet.

- 5 3. A roll paper dispensing cabinet as claimed in claim 1 in which said outer wall is deformed longitudinally to provide an integral rib formation parallel with said vertical severing edge and extending from end to end thereof to support same against bending stresses due to lateral pressure set up in severing the sheet there-
10 against.

4. A roll paper dispensing cabinet as claimed in claim 1 in which said outer wall is deformed
15 to provide an integral rib formation parallel

with said vertical severing edge and extending from end to end thereof to support same against bending stresses due to lateral pressure set up in severing the sheet thereagainst, said rib being disposed on the inward side immediately inward 5 from the paper-severing edge and intersecting the plane of disposition of said restricted passage to positively deflect the free end of the paper strip away from the severing edge portion of the front panel to be more readily grasped, said 10 side panel converging inwardly to meet the front panel extension at a point inwardly from said paper-deflecting rib formation.

GEORGE CARRUTHERS. 15