July 15, 1924. 1,501,619

W. C. PICKELL

WRAPPING PAPER ROLL HOLDER AND TEARING DEVICE

Filed Jan. 16, 1922 3 Sheets-Sheet 1

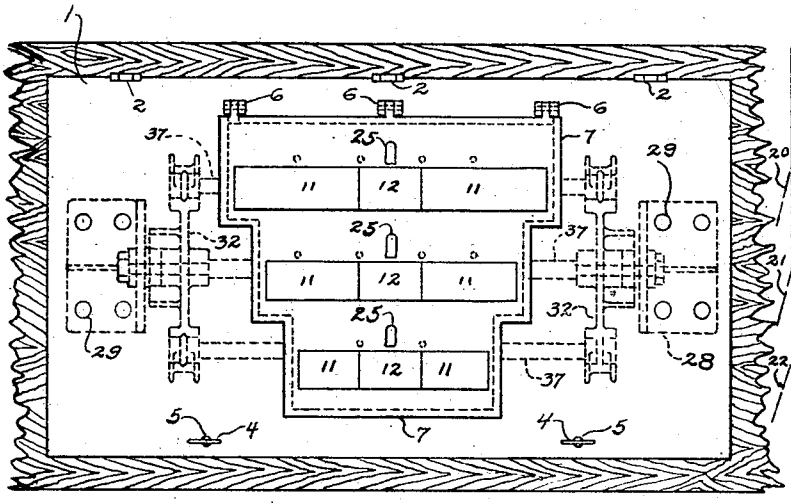


Fig. 1

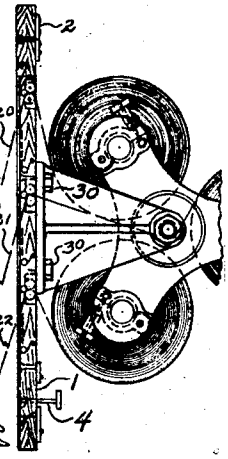


Fig. 2

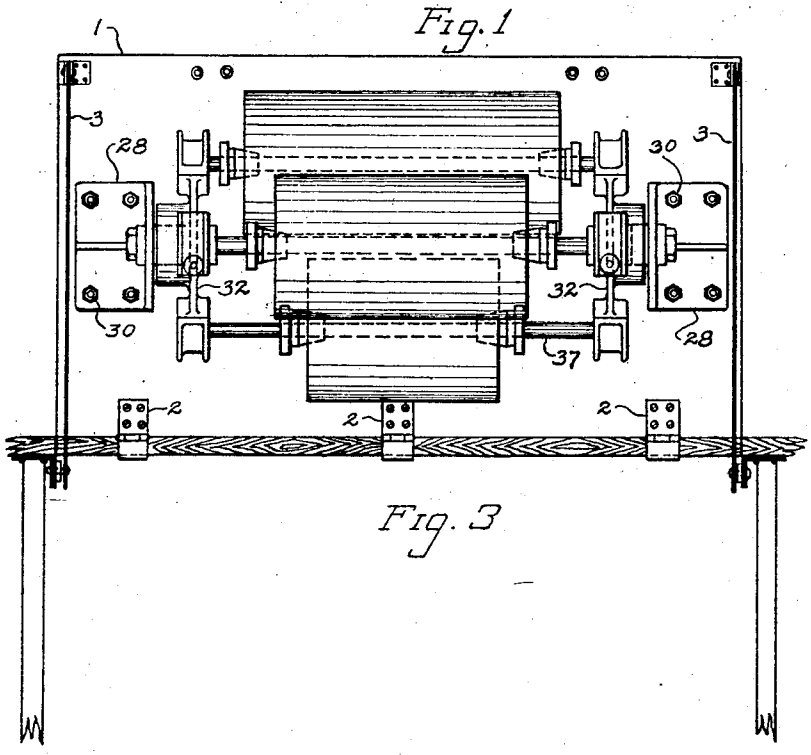


Fig. 3

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Filed Jan. 16, 1922 3 Sheets-Sheet 2

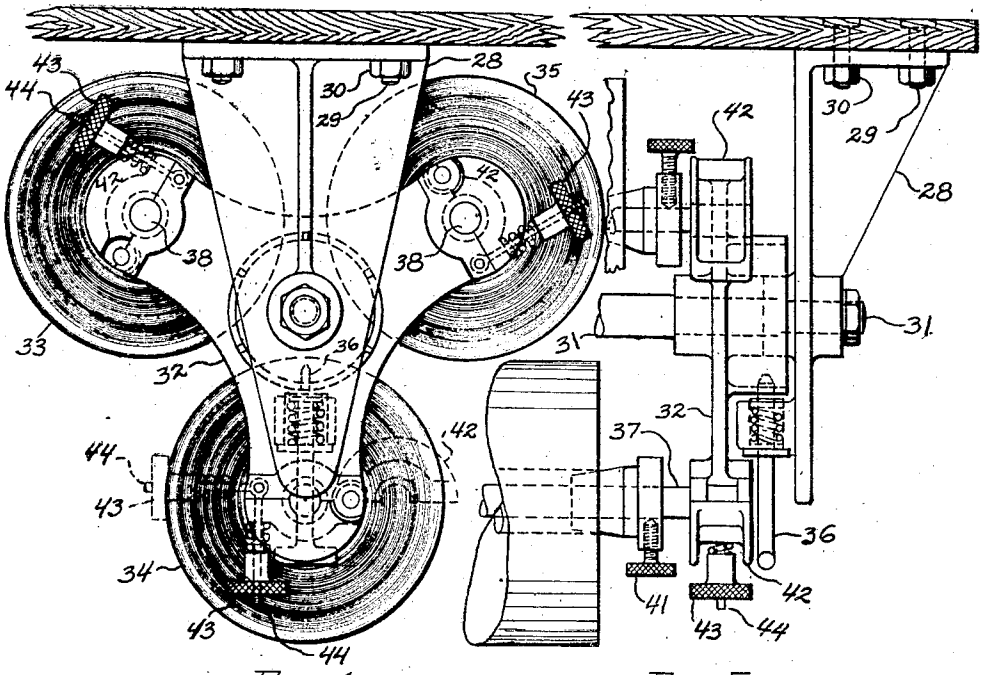


Fig. 4

Fig. 5

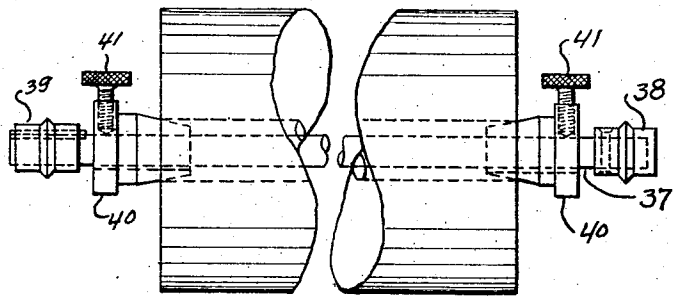


Fig. 6

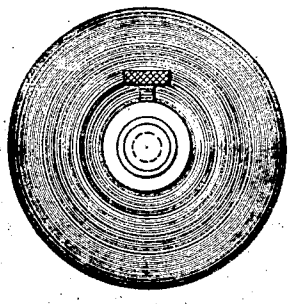


Fig. 7

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WRAPPING PAPER ROLL HOLDER AND TEARING DEVICE

Filed Jan. 16, 1922 3 Sheets-Sheet 3

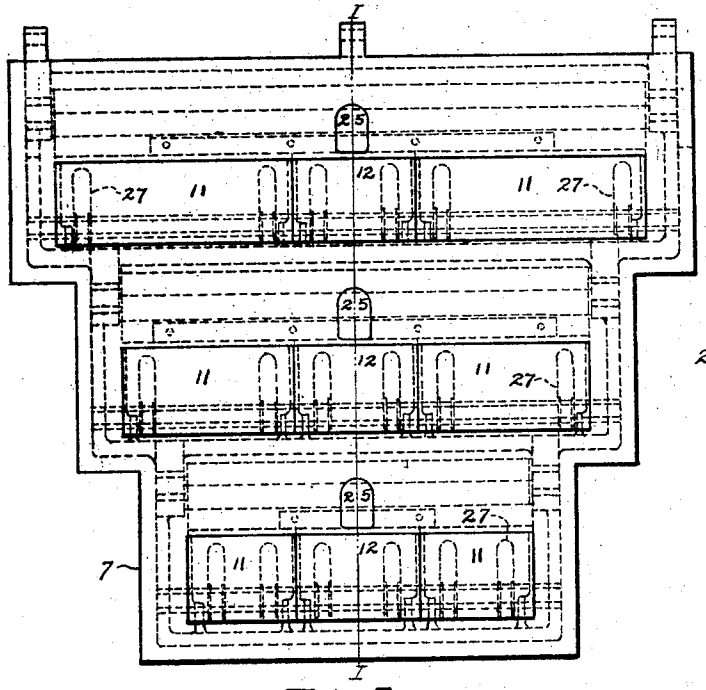


Fig. 8

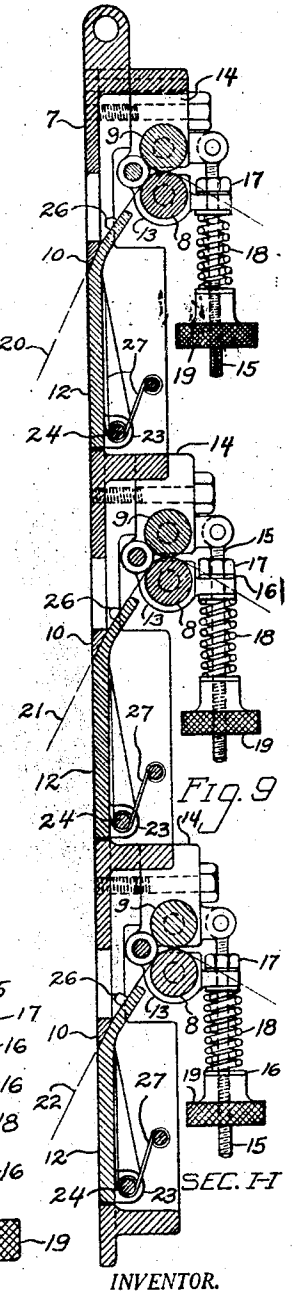


Fig. 9

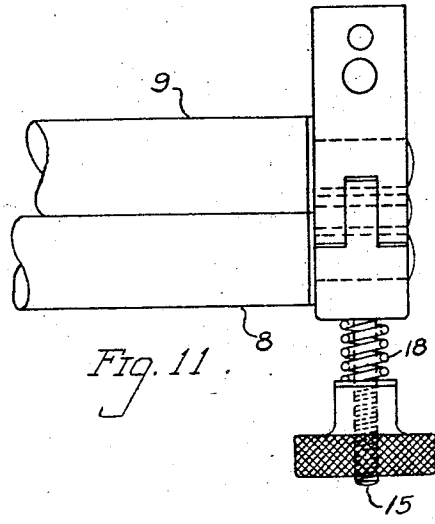


Fig. 11.

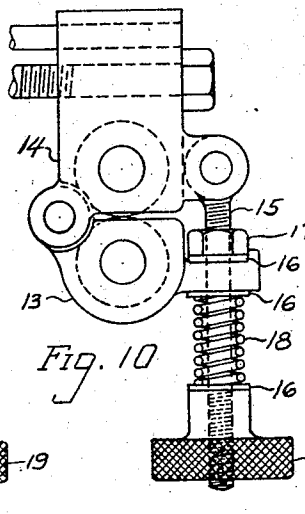


Fig. 10

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Patented July 15, 1924. 1,501,619

UNITED STATES PATENT OFFICE.

WILLIAM CLARENCE PICKELL, OF HIGHLAND PARK, MICHIGAN.

WRAPPING-PAPER-ROLL HOLDER AND TEARING DEVICE.

Application filed January 16, 1922. Serial No. 529,770.

To all whom it may concern:

Be it known that I, WILLIAM CLARENCE PICKELL, a citizen of the United States, residing at 60 Geneva Ave., Highland Park, in the county of Wayne and State of Michigan, have invented a new and useful Wrapping-Paper-Roll Holder and Tearing Device, of which the following is a specification.

My invention relates to improvements in wrapping paper holder and tearing device in which three rolls of wrapping paper of different widths are held on revolving shafts. Each roll is unwound separately by threading the outer end of paper between two adjustable rollers and under a knife edge where it can be pulled out to a given length and torn off in sheets for wrapping. The objects of my improvements are: first, to provide a compact, hidden, and easily assembled holder for special manufactured rolls of paper; second, to provide a tearing device which holds the ends of the rolls in place while tearing is done; third, to provide a way of holding the ends of the rolls in place and easily accessible after the sheets are torn off; and fourth, to provide a stop for tearing to a given length; I attain these objects by the mechanism illustrated in the accompanying drawing in which:—

Fig. 1 is a plan view of the entire holder and tearing device which is fastened and inserted in a portion of a merchant's counter.

Fig. 2 is an end view showing the rolls of paper in the holder under the counter and the ends of each roll partly pulled out on top of the counter.

Fig. 3 shows the bottom view of the holder and the rolls of paper with the lid raised vertically above the counter.

Fig. 4 shows a larger end view of the holder and the paper rolls as they hang in the proper position under the counter-lid, and also the stop pin which holds center shaft from revolving.

Fig. 5 shows a broken portion of a side view of the bracket and the triangle shaft-holder.

Fig. 6 shows a roll of paper and the shaft which supports it after it is removed from the holder.

Fig. 7 shows an end view of the roll of paper and the end of the shaft.

Fig. 8 shows a plan view of the tearing device lid which holds the ends of the paper and assists in tearing the paper to the proper length.

Fig. 9 shows an enlarged cross-section taken on line 1—1.

Fig. 10 shows an end view of the adjustable holder which supports the guide rollers.

Fig. 11 shows a broken top view of the holder for the guide rollers.

Similar numerals refer to similar parts throughout the several views.

The inserted cover or lid 1 is the support of the entire holder and tearing device. This lid is inserted in the merchant's counter and made to swing upright on hinges 2, as shown in Fig. 2. The braces 3 are to hold the lid 1 in a vertical position while placing new rolls of paper in the holder. The handles 4 are sunk flush with the top of the lid 1 when it is down and by placing the fingers in the holes 5 the handles can be raised to a hand hold position. The hinges 6 are inserted in and fastened to the lid 1. The tearing device lid 7 is inserted in the lid 1 and swings to a vertical position on hinges 6. In this position the paper can be threaded between the rollers 8 and 9 (see Figs. 8–9–10–11) and between the knives 10 and the pincers 11 and 12. The rollers 8 and 9 shown in Figures 9–10–11 are held in place by the hinges 13 and 14, and easily disconnected from the lid 7. The rollers 8 and 9 are running fits in 13 and 14 and are held together by the eyebolts 15, the washers 16, the nuts 17, the spring 18 and the adjusting nut 19. In drawing out the paper 20—21—22 the pincers 12 are pressed down. They open on the hinges 23 and the pins 24 wide enough to allow the four fingers of the hand to enter the opening under the knives 10 and with the thumb entering the hole 25 the end of the paper can be pinched and drawn out of the proper length.

When drawn out to the proper length the pins 26 enter the perforated holes in the paper and prevent it from being pulled further. The springs 27 keep the pincers 11 and 12 pressed against the paper and the knives 10 making it easy to tear into equal length from each roll.

In Figs. 4 and 5 are shown larger views of the paper roll holder. The brackets 28 are fastened under the lid 1 as shown in Fig. 1 and Fig. 3 by the bolts 29 and the nuts 30. The shaft 31 is inserted in each opening in the holders 32 and supports the three differ-

ent length rolls 33—34—35. The holders 32 revolve and are held in six different positions by the use of the pins 36. When new rolls are placed in the holder 32, the shafts 37, the bearings 38 and 39 and the taper core plugs 40 with the set screws 41 are all taken out together and pulled apart.

The bearing 39 is slipped off after loosening the set screw 41 and the taper core plug 40 is taken off. A new roll of paper is then assembled and placed in the holder 32. The caps 42 swing back and are made to pinch the bearings 38 and 39 just enough to keep the rolls of paper from unwinding too fast by adjusting the thumb nuts 43. The eyebolts 44 swing back and allow the caps 42 to swing the opposite way.

I am aware that a paper roll holder containing from one to three rolls with attachments for tearing off strips is in use at the present time; but

I claim:

1. A wrapping paper roll holder which hangs under a lid or door and is supported by two bracket hangers which are connected together by a rod and said rod supporting two triangular bearing holders which are held in true alinement by a hollow shaft, each bearing holder containing three adjustable bearings which hold three paper roll shafts with sleeve bearings, which can be made to revolve into six different positions, a pin which holds said triangular bearings in place when the paper roll holder is in use and releases them so that they revolve to a position handy for inserting new paper rolls when paper is used up.

2. A wrapping paper roll holder fastened to a lid or door which when closed brings the rolls of paper and holder under the counter, and when said door is swung open the rolls of paper and holder are above the counter in a position easily accessible to changing the rolls.

3. Means for holding different widths of wrapping paper wherein the paper is in independent rolled formations and the paper is adapted to be unwound from said rolls, a horizontal support, a holder for a plurality of the rolls of wrapping paper, and a movable member carried by said support flush with the upper surface thereof and to which said holder is attached, said support cooperating with said member in normally concealing said holder, and said member being swingable upwardly to a vertical position to expose said holder.

4. A wrapping paper roll holder which has in connection a tearing device the frame of which is a lid or door fastened within the larger lid or door, a frame consisting of knife edges and pincers which hold the ends of the paper where they are easily accessible.

5. Means for holding rolls of wrapping paper, as called for in claim 3, wherein the paper from the rolls extends into said member, and means on said member facilitates removing portions of the paper.

6. A wrapping paper roll holder which is provided with a tearing device containing hinged lids which pinch the paper against the bearing knives while tearing, a set of pins which are made to spring into holes in the paper when the proper length is reached and hold said paper from pulling further while tearing said paper.

7. Means for holding rolls of wrapping paper, as called for in claim 3, wherein said holder is rotatable to facilitate mounting rolls of paper therein, and means adapted to hold said holder against accidental rotation.

WILLIAM CLARENCE PICKELL.