

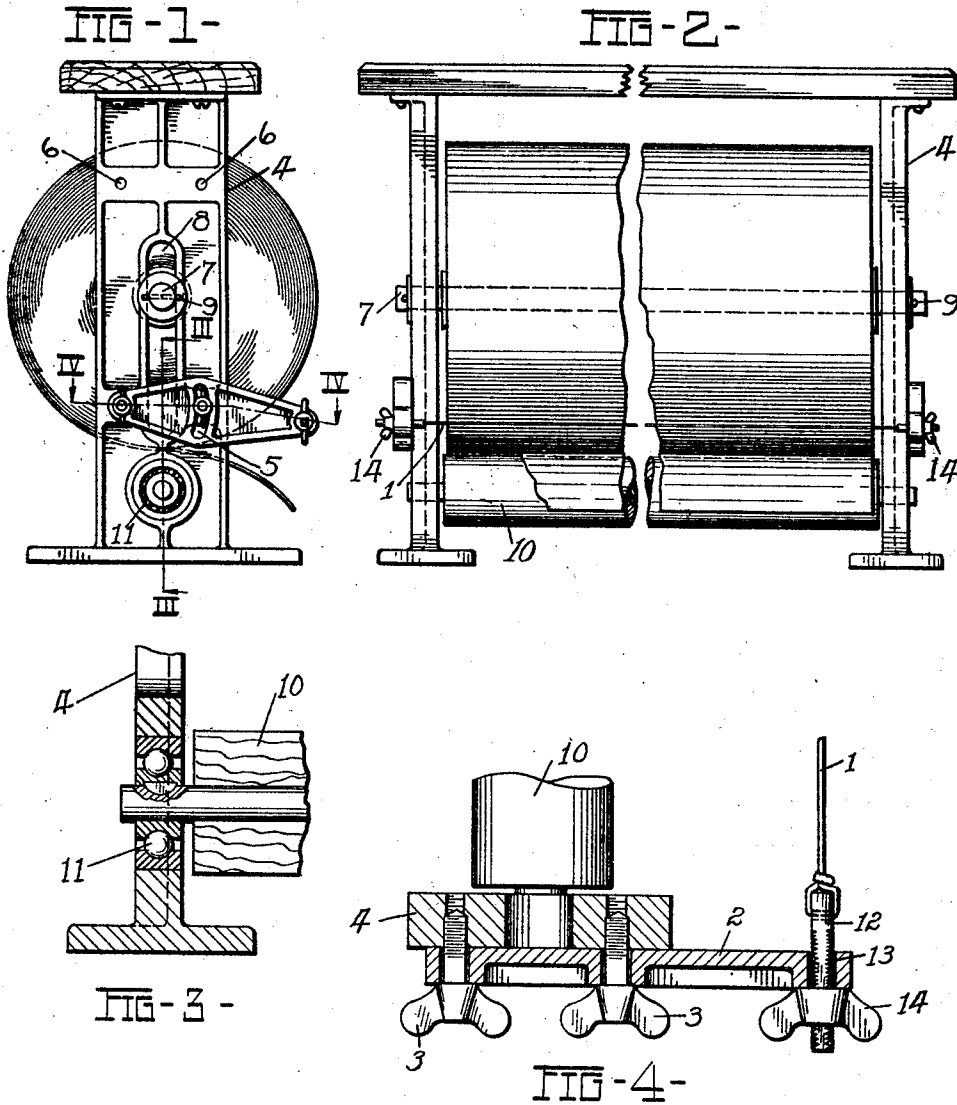
Nov. 2, 1926.

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1,605,030

PAPER DISPENSER

Filed Dec. 13, 1923



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PAPER DISPENSER.

Application filed December 13, 1923. Serial No. 680,352.

My invention has for its object to provide a simple and efficient attachment that may be connected to roll supporting frames commonly used for dispensing paper and it is so constructed as to leave suspended an end portion of the roll that may be readily seized in order to withdraw and sever each succeeding amount of the paper. The attachment is so constructed that it may be applied to any of the roller frames commonly used in the art.

The invention also has for its object to provide a paper dispensing means wherein the paper may be drawn from the same point or level from the roller and so severed as to leave a suspending end portion on the remainder of the roll as the paper is being used for any purposes, such as wrapping and the like.

The invention may be contained in structures which vary in their details. To illustrate a practical application of the invention I have selected a paper dispensing means as an example of structures contained in the invention and shall describe it hereinafter. The structure selected is shown in the accompanying drawings.

Fig. 1 is an end view of a paper dispenser containing my invention. Fig. 2 is a side view. Fig. 3 is a sectional view taken on the line III—III indicated in Fig. 1. Fig. 4 is a sectional view taken on the line IV—IV indicated in Fig. 1.

In paper dispensers heretofore commonly used for dispensing wrapping paper, rolls of the paper are supported in a frame and weighted or spring pressed members, that are pivotally connected to the frames, are pressed against the rolls with sufficient pressure to resist movement used to sever the paper from the rolls. The end edges of the paper forming the remainder of the rolls are thus left beneath the members at the severing edges of the members. In order to remove the succeeding amounts of paper from the rolls, the rolls must be first turned which often requires both hands of the salesman or the one using the paper dispensers to unroll sufficient amounts of the rolls in order that end portions of the rolls may be seized and drawn from the rolls and severed.

For the preliminary unrolling movement I have provided a simple and an efficient attachment that may be connected to paper dispensing frames for severing the paper and leaving an end edge portion of the remainder

of the roll pendent. It consists of a fine steel wire 1 such as a piano wire that is stretched between two brackets 2 located on opposite ends of the frame in a suitable position to be engaged by the paper shortly after it leaves the roll. Thus the brackets and the wire may be located in the upper part of the frame, if the delivery point of the roll is at the upper side of the roller, or it may be located near the bottom of the frame, if the delivery side of the roll is at the lower side. The brackets 2 are preferably made adjustable so as to adjust the position of the wire 1. They may be readily secured in position by tapping the side of the frame and using bolts threaded into the frame. In the form of construction shown I have provided a pair of thumb screws 3 for each bracket. One of the thumb screws passes through an opening formed in one end of the bracket and into the frame 4. The other thumb screw passes through an arcuate slot 5 whereby the bracket 2 may be adjusted to any position about the screw through the end of the bracket and secured in its adjusted position by a screw that extends through the slot 5. The frame may also be provided with the tapped openings 6, if it is desired to place the brackets at the top of the frame. By this arrangement the brackets may be placed either at the top or the bottom of the frame and on either side of the frame.

The roll of paper is placed on a suitable bar 7 that may be fixed in the frame or may be located in suitable guiding slots or channeled members formed in the frame or secured to the inner side of the frame to receive the ends of the bar. In the form of construction shown the sides of the frame 4 are provided with slots 8 and a bar 7 that is secured by suitable pins 9 and so as to permit the bar 7 to move down the slots 8 as the paper is used.

Where the paper is delivered from the under side of the roll the roll rests upon a roller 10 that may be supported in roller bearings 11 in order that the paper may be drawn from the roll of paper with sufficient ease and yet with sufficient resistance for severing. This arrangement provides a constant delivery point or level for the paper and renders it more convenient for grasping the paper since the salesman will always reach for the same point when about to draw paper from the roll. Inasmuch as the end of the paper of the roll will be

suspended outward away from the roll and downward, it provides a means whereby the end of the paper of the roll may be easily grasped.

5 The wire 1 may be secured in the ends of the brackets by any suitable means and stretched by the screws located in the other ends of the brackets. In the construction shown I have provided threaded pins 12, to
10 which the ends of the wire 1 are connected, that may be drawn through holes 13 formed in the ends of the brackets by the thumb nuts 14. Thus the wire 1 may be readily placed and drawn taut.

15 If desired the sides of the frame 4 may be provided with projecting arms and the ends of the wire connected to the projecting arms and drawn taut for severing the paper.

I claim:—

20 1. In a paper dispenser, a paper roll supporting frame, a roller for supporting the roll of paper, means for guiding the roll of paper as the paper is drawn from the roll, threaded pins, means for connecting the

said pins to the sides of the frame, and a 25 wire connected to the pins and nuts located on the pins for drawing the wire taut.

2. In a paper dispenser, a paper roll supporting frame, the said frame having a pair of slots located at the ends thereof, a bar 30 located in the slots and adapted to extend through a roll of paper for guiding the roll of paper downward as the paper is drawn from the roll, a pair of bracket members connected to the frame having tapped por- 35 tions for receiving threaded members, the outer ends of the bracket members having threaded pins, a wire connected to the pins, thumb-nuts located on the threaded pins for drawing the wire taut between the 40 brackets, the wire being located below the horizontal plane of the axis of the roll and in front of the vertical plane of the axis of the roll.

In testimony whereof I have hereunto 45 signed my name to this specification.

FRANK M. HURLEY.