July 14, 1936. B. E. COLBURN 2,047,255

PAPER DISPENSER

Filed March 30, 1935

Fig. 1

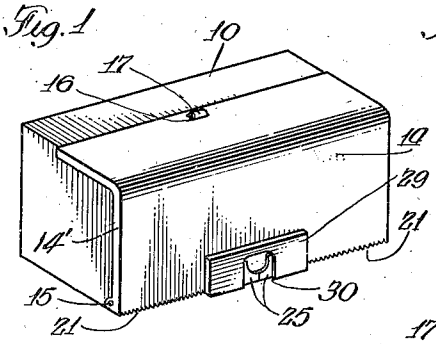


Fig. 2

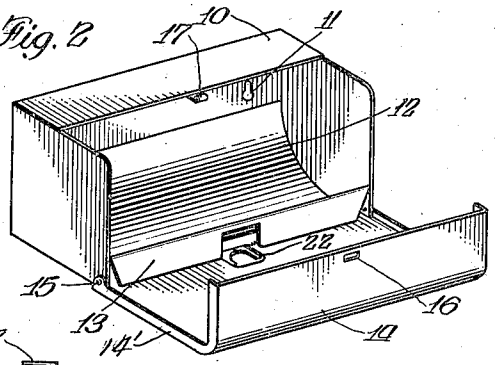


Fig. 3

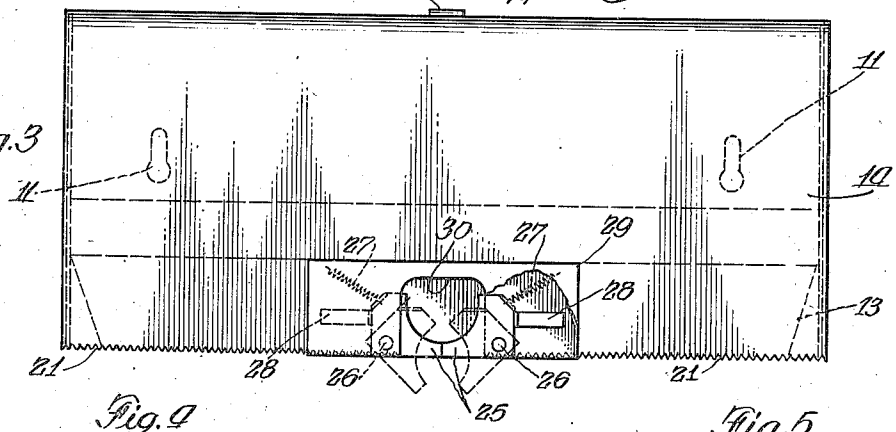


Fig. 4

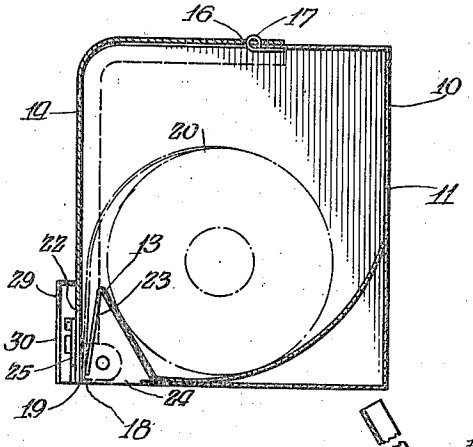
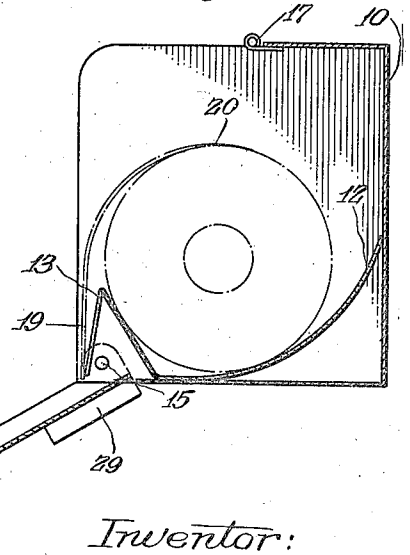


Fig. 5



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2,047,255

PAPER DISPENSER

Bearl E. Colburn, Green Bay, Wis., assignor to Paper Dispensers, Inc., Chicago, Ill., a corporation of Illinois

Application March 30, 1935, Serial No. 13,883

4 Claims. (Cl. 242—55.5)

The invention relates to improvements in paper dispensers and has for its primary object the provision of an improved construction of the character indicated, capable of economical manufacture and highly efficient in use.

Another object of the invention is the provision of a construction of the character indicated to which the paper may be readily supplied when exhausted.

Another object of the invention is the provision of a construction of the character indicated especially adapted and arranged to facilitate the ready dispensing of paper from a roll where the paper is either perforated or unperforated.

Other objects will appear hereinafter.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawing, forming a part of this specification and in which

Fig. 1 is a perspective view of a paper dispenser embodying the invention;

Fig. 2 a similar view thereof showing the dispenser open for the insertion of a fresh roll of paper.

Fig. 3 an enlarged front view of the dispenser;

Fig. 4 a transverse section of the dispenser, and

Fig. 5 a view similar to Fig. 4 but showing the door of the paper receptacle open for the insertion of a new paper roll.

The embodiment of the invention illustrated in the drawing comprises a suitable rectangular casing 10, preferably made of sheet metal and having T slots 11 in its rear wall adapted and arranged to engage nails, screws, or other headed studs for suspending the receptacle on a wall or the like. A receptacle 10 is provided as shown with a false bottom 12 providing a recess for the reception of a paper roll and terminating in a substantially inverted V shaped ledge 13 over which the free end of the paper strip may be drawn from the roll in dispensing the same. The receptacle 10 is provided with a substantially L shaped door 14 constituting the entire front and the outer portion of the top of the receptacle. Door 14 is pivoted at 15 to the lower outer portions of the sides of the receptacle 10 and is provided with a slot 16 engaging a spring catch 17 for holding the door closed. The door 14 is also provided with flanges 14' on its free edges arranged to fit over the corresponding sides of casing 10 when the door is closed. By this arrangement simple and effective means is provided for supporting loosely a roll of paper and in which the paper roll may be readily replenished when exhausted.

An opening or slot 18 is provided at the front edge of the bottom of the receptacle 10 immediately at the rear of the lower edge of the door 14 and through which the free end 19 of the paper roll 20 may be readily withdrawn. The lower edge 21 of the door 14 is serrated as indicated to facilitate the tearing of unperforated paper thereagainst. The door 14, ledge 13, and the bottom of the receptacle 10 are respectively provided with finger notches 22, 23 and 24 to facilitate the grasping of the free edge of the paper roll and withdrawing the paper and tearing it against the door edge 21, as will be readily understood. In order to facilitate the tearing action two downwardly yielding spring-held tearing elements 25 are pivoted at 26 to the front side of the door 14 and normally held in position by springs 27 against sides 28, so that the lower edges of said tearing elements shall register with the tearing edge 21 of the door 14 and whereby they constitute substantially continuations of said tearing edge, thereby greatly facilitating the tearing of the paper end against said edge. To protect these tearing elements 25, they are enclosed in a suitable housing 29, secured as shown to the front side of the door 14 and provided with a finger notch 30 to give access to the free edge of the paper strip.

In use and in operation the paper receptacle is suspended on a wall or other suitable vertical surface and the roll 20 of paper inserted loosely therein with the free end 19 of the paper strip positioned over the ledge 13 opposite the notches 30, 22, 23 and 24. To withdraw a section of the paper strip the free end thereof is grasped between the thumb and finger and a suitable length of paper withdrawn through the slot 18 and torn off against the lower edge 21 of the door 14. By means of the arrangement disclosed this tearing action tends to maintain the door 14 in closed position so that there is no tendency thereof to open or materially distort the door or receptacle. When the roll of paper is exhausted, the door 14 is opened giving free access to the interior of the receptacle for the insertion of a fresh roll of paper.

The specific form and arrangement of parts constitutes a simple and effective one for the purpose.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation

and modification without departing from the spirit of the invention. I therefore do not wish to be limited to the precise details disclosed, but desire to avail myself of such variations and modifications as fall within the scope of the appended claims.

I claim:

1. A paper dispenser comprising a receptacle adapted and arranged to contain a roll of paper; and a substantially L shaped door constituting the front and a portion of the top of said receptacle and pivoted at the bottom of the front thereof, there being a paper delivery opening in the bottom of the receptacle adjacent the lower edge of said door and said lower edge constituting a tearing edge for the paper.

2. A paper dispenser comprising a receptacle having a recessed bottom adapted and arranged to rotatably support a roll of paper loosely resting therein; and a substantially L shaped door constituting the front and a portion of the top of said receptacle and pivoted at the bottom of the front thereof, there being a paper delivery opening in the bottom of the receptacle adjacent the lower edge of said door and said lower edge constituting a tearing edge for the paper.

3. A paper dispenser comprising a rectangular sheet metal receptacle having a false bottom inserted therein to provide a recess for the loose reception of a roll of paper, and a substantially L shaped door constituting the front and a portion of the top of said receptacle and pivoted at its bottom to the sides of said recepacle adjacent the lower front corners thereof, there being a paper delivery opening in the bottom of the receptacle adjacent the lower edge of said door and said lower edge constituting a tearing edge of the paper.

4. A paper dispenser comprising a rectangular sheet metal receptacle having a false bottom inserted therein to provide a recess for the loose reception of a roll of paper; a substantially L shaped door constituting the front and a portion of the top of said receptacle and pivoted at its bottom to the sides of said receptacle adjacent the lower front corners thereof, there being a paper delivery opening in the bottom of the said receptacle adjacent the lower edge of said door, said lower edge constituting a tearing edge for the paper; and a substantially inverted V shaped ledge formed on said false bottom and arranged to overlie said delivery opening and direct the paper from a roll in said recess downwardly through said delivery opening.

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