The main objects of this invention are:
First, to provide an improved dispensing device for holding a roll of paper or other similar material in such manner that the paper can be withdrawn and severed in desired lengths or sections.
Second, to provide a roll holder of this character having a pivoted shoe resting on the roll and acting to prevent the strip from curling or the roll from rewinding on the release of the free end thereof after the tearing operation.
Third, to provide in a roll holder, a tearing bar and shoe formed integral and pivoted so that when the free end of the strip from the roll is drawn down on the tearing or cutting edge for the purpose of severing the desired length, the force exerted on the severing bar causes the shoe to grip the roll, preventing it from turning during the severing operation, thus insuring a straight clean-cut edge.
Fourth, to provide a device having the above desirable features, which is simple in structure, economical to manufacture, efficient in operation and effective for the purpose intended.
Objects relating to details and economies of my invention will appear from the description to follow. The invention is defined and pointed out in the claims.
A structure which is a preferred embodiment of my invention is illustrated in the accompanying drawing, in which:
Fig. 1 is a perspective view of a paper roll holder embodying features of my invention and illustrating the manner of severing a section of the paper.
Fig. 2 is an enlarged fragmentary transverse section on a line corresponding to line 2—2 of Fig. 1.
Fig. 3 is a view similar to Fig. 2, showing the parts in open position.
In the embodiment of my invention illustrated by the drawing, 1 is a back panel or plate which is adapted to be secured to a support 2 by means of screws 3, the back panel being provided with key hole slots 4 for this purpose. The back plate has a forwardly extending integral top member 5 having an outturned flange 6 at its forward edge constituting a stop for the pivoted cover 7 which is provided with an outturned flange 8 at its rear edge engageable with said stop. The ends of the back plate are bent forwardly at right angles thereto to form integral end plates 9.
The roll cover 7 is provided with inturned end arms 10 which are pivoted at 11 to the end plates in such manner that when the roll cover is turned to open position, as illustrated by Fig. 3, it disappears within the structure. The end plates are provided with inwardly extending flanges 12 which overlap the ends of the top member 5 and the ends of the roll cover 7 to protect the latter and improve the appearance of the device.
The pivoted member 13 is provided with rearwardly extending integral ears 14 which are pivotally connected to the end plates 15. The pivoted member 13 is of substantially U-section and is arranged to face forwardly in opposed relation to the roll cover 7. The pivoted member has an upwardly and forwardly extending curved shoe portion 16 which is adapted to rest on the roll 17 in substantially opposed relation to the roll supporting edge 18 of the roll cover. The shoe 16 and the roll support 18 normally coact to prevent the paper from curling and the roll from rewinding. Thus, the shoe prevents the free end 19 of the strip from being drawn back into the housing by a curling or rewinding action.
The member 13 is also provided with a downwardly and forwardly extending portion 20 which is arranged to extend through the space between the roll supporting edge 18 of the roll cover and the back panel. The portion 20 terminates at its outer end in a tearing or cutting edge 21. The edge 21 is milled upwardly so as to leave a burr which acts to hold the paper during the tearing operation. The portion 20 has an opening 22 opposite the roll supporting edge of the roll cover for facilitating the initial advancing of the strip of paper from the roll beyond the cutting edge 21 to permit the same to be grasped between the fingers.
The arrangement of parts is such that when the free end 19 of the strip of paper from the roll 17 is drawn down on the cutting or tearing edge 21 for the purpose of cutting off the desired length, the force exerted on the cutting edge causes the pivoted member 13 to tilt and bring the curved shoe 16 into engagement with the roll of paper, preventing it from turning and thus insuring a straight clean-cut edge. In the tearing operation, the shoe acts to clamp the roll between it and the roll supporting edge 18 of the roll cover, thereby providing a double clamping area, the roll being free to float or adjust itself between the shoe and the roll cover.
The top member 5 is provided with a keeper 23 having a downwardly extending tongue 24 for coaction with the slot 25 in the cover 7, whereby to secure the cover in closed position, as illustrated by Fig. 2. The keeper is formed with a forwardly extending finger piece 26 and is preferably connected to the top member 5 in such a way...
manner that the tongue 24 rests on the forward edge of the top member in its retracted position, as illustrated by Fig. 3, so as not to scratch or mar the roll cover 7 when the latter is turned to the open or closed position. For this purpose, the keeper 23 is formed of spring material with the distance between the tongue 24 and the pivot 27 being slightly less than the distance between the slot 28 and the forward edge 29 of the top member.

While I have designed my paper holder particularly for dispensing waxed paper and the like for household use, it will be appreciated by those skilled in the art that the device may be used to dispense other similar materials from a roll.

The device is simple and economical in its parts and quite efficient and effective in operation. A new roll may be inserted by simply unlatching the keeper 23, turning the cover to open position, removing the core of the used roll, inserting a new roll in the pivoted member with the free end of the strip extending over the cutting edge, turning the pivoted member to its upper position, turning the cover to its closed position, and finally closing the keeper to secure the cover in closed position.

To withdraw a desired length, the free end of the strip is pulled forwardly to the proper length and is then torn off by pulling the free end downwardly into engagement with the tearing edge, as illustrated by Fig. 1.

I have illustrated and described my improvements in an embodiment which I have found very practical. I have not attempted to illustrate or describe other embodiments or adaptations, as it is believed this disclosure will enable those skilled in the art to embody or adapt my improvements as may be desired.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

1. A paper roll holder comprising in combination a back plate adapted to be attached to a support and having a forwardly extending integral top member acting to stiffen the plate and provided at its forward edge with an indented flange constituting a cover stop, forwardly extending end plates formed integrally with said back plate, a roll cover pivotally connected at its ends to said end plates for disappearing movement into the structure, said cover having an outwardly turned flange at its rear edge engageable with said stop to limit the movement of the cover to closed position, and a forwardly facing member of substantially U-section having rearwardly extending ears pivotally connected to said end plates, said member having an upwardly and forwardly extending curved shoe portion coacting with the paper roll in opposed relation to the lower roll supporting edge of said roll top and acting to prevent the paper from curling and the roll from rewinding, said member having a downwardly and forwardly extending curved portion arranged through the space between the roll supporting edge of the roll cover and the back plate and terminating in an exposed tearing edge, whereby when the free end of the strip of paper from the roll is drawn forwardly out of contact with the tearing edge for the purpose of withdrawing the desired length, the roll unwinds freely, and whereby when the free end of the strip of paper is drawn forwardly on the purpose of tearing off the desired length, the force exerted on the tearing edge tilts said member and causes the curved shoe to clamp the roll between it and the roll support to thereby prevent the roll from turning during the tearing operation, said downwardly and forwardly extending curved portion having an opening opposite the rear edge of said roll support for facilitating the initial advancing of the strip of paper from the roll between said roll support and said last named portion.

2. A paper roll holder comprising in combination a back plate adapted to be attached to a support, forwardly extending end plates formed integrally with said back plate, a roll cover pivotally connected at its ends to said end plates for disappearing movement into the structure, and a forwardly facing member of substantially U-section having rearwardly extending ears pivotally connected to said end plates, said member having an upwardly and forwardly extending curved shoe portion coacting with the paper roll in opposed relation to the lower roll supporting edge of said roll top and acting to prevent the paper from curling and the roll from rewinding, said member having a downwardly and forwardly extending curved portion arranged through the space between the roll supporting edge of the roll cover and the back plate and terminating in an exposed tearing edge, whereby when the free end of the strip of paper from the roll is drawn forwardly out of contact with the tearing edge for the purpose of withdrawing the desired length, the roll unwinds freely, and whereby when the free end of the strip of paper is drawn forwardly on the purpose of tearing off the desired length, the force exerted on the tearing edge tilts said member and causes the curved shoe to clamp the roll between it and the roll support to thereby prevent the roll from turning during the tearing operation.

3. A paper roll holder comprising in combination a back plate adapted to be attached to a support, forwardly extending end plates formed integrally with said back plate, a roll cover pivotally connected at its ends to said end plates for disappearing movement into the structure, and a forwardly facing member of substantially U-section having rearwardly extending ears pivotally connected to said end plates, said member having an upwardly and forwardly extending curved shoe portion coacting with the paper roll in opposed relation to the lower roll supporting edge of said roll top and acting to prevent the paper from curling and the roll from rewinding, said member having a downwardly and forwardly extending curved portion arranged through the space between the roll supporting edge of the roll cover and the back plate and terminating in an exposed tearing edge, whereby when the free end of the strip of paper from the roll is drawn forwardly out of contact with the tearing edge for the purpose of withdrawing the desired length, the roll unwinds freely, and whereby when the free end of the strip of paper is drawn forwardly on the purpose of tearing off the desired length, the force exerted on the tearing edge tilts said member and causes the curved shoe to clamp the roll between it and the roll support to thereby prevent the roll from turning during the tearing operation.

4. A paper roll holder comprising in combina-
tion a back plate adapted to be attached to a support, forwardly extending end plates formed integrally with said back plate, a roll cover pivotally connected at its ends to said end plates, and a roll winding for said roll in opposed relation to the lower roll supporting edge of said roll and acting therewith to prevent the paper from curling and the roll from rewinding, said member having a portion arranged through the space between the roll supporting edge of the roll cover and the back plate and terminating in an exposed tearing edge, whereby when the free end of the strip of paper from the roll is drawn forwardly out of contact with the tearing edge for the purpose of withdrawing the desired length, the roll unwinds freely, and whereby when the free end of the strip of paper is drawn downwardly on the tearing edge for the purpose of tearing off the desired length, the force exerted on the tearing edge tilts said member and causes the shoe to clamp the roll between it and the roll support and prevents the roll from turning during the tearing operation.

5. A dispensing device comprising in combination end plates, a roll cover pivoted to said end plates and having a lower edge acting as a roll support, and a forwardly facing pivoted member of substantially U-section, said member having an upwardly and forwardly extending curved shoe portion engaging the roll in opposed relation to said roll support and acting therewith to prevent the paper from curling and the roll from rewinding, said member having a portion arranged through the space between the roll support and terminating in an exposed tearing edge, whereby when the free end of the strip of paper from the roll is drawn downwardly on the tearing edge for the purpose of withdrawing the desired length, the roll unwinds freely, and whereby when the free end of the strip of paper is drawn down on the tearing edge, for the purpose of tearing off the desired length, the force exerted on the tearing edge tilts said member and causes the curved shoe to clamp the roll between it and said support and prevents the roll from turning during the tearing operation.

7. A dispensing device comprising in combination a roll cover having a lower edge acting as a roll support, and a forwardly facing pivoted member, said member having a shoe portion engaging the roll in opposed relation to said roll support and acting therewith to prevent the paper from curling and the roll from rewinding, said member having a portion arranged under the roll support and terminating in an exposed tearing edge, whereby when the free end of the strip of paper from the roll is drawn forwardly out of contact with the tearing edge for the purpose of withdrawing the desired length, the roll unwind freely, and whereby when the free end of the strip of paper is drawn down on the tearing edge for the purpose of tearing off the desired length, the force exerted on the tearing edge tilts said member and causes the shoe to clamp the roll between it and said support and prevents the roll from turning during the tearing operation.

8. A dispensing device comprising in combination a back plate adapted to be attached to a support, forwardly extending end plates, a cover pivoted to said end plates and constituting a lower roll support, and a forwardly facing member of substantially U-section pivoted to said end plates, said member having an upwardly and forwardly extending shoe portion engaging the roll in opposed relation to said roll support, said member having a portion arranged through the space between the roll support and the back plate and terminating in an exposed tearing edge.

9. A paper dispensing device comprising in combination a longitudinal roll support, and a pivoted member having a longitudinal shoe for engaging the roll in opposed relation to said support and having a tearing edge arranged below said support so that the paper can be withdrawn in desired lengths and when the free end of the strip is drawn down on the cutting edge in the tearing operation, the shoe acts to clamp the roll between it and said support, the shoe acting to prevent the curling of the strip on the roll after the tearing operation.

10. A paper dispensing device comprising in combination a longitudinal concave roll support, and a pivoted member having a longitudinal concave shoe for engaging the roll in opposed relation to said support throughout the life of the roll.

11. A paper dispensing device comprising in combination a longitudinal roll support, and a pivoted member having a longitudinal shoe for engaging the roll in opposed relation to said support and having a tearing edge arranged below said support so that the paper can be withdrawn in desired lengths and when the free end of the strip is drawn down on the cutting edge in the tearing operation, the shoe acts to clamp the roll between it and said support.

12. A dispensing device comprising a rearwardly inclined roll support, and a pivotedly supported combined roll clamping and cutter member of curved cross section disposed in forwardly facing relation at the rear of and in spaced relation to the rear edge of said support with its upper portion overhanging said support and its lower portion projecting below the support and having a cutter on its front edge whereby downward
pressure upon the cutter acts to urge said clamping portion upon a roll of paper, the rearwardly inclined support permitting the roll of paper to roll rearwardly against said member when the paper is released.

13. A dispensing device comprising a roll support, and a plurality supported combined roll clamping and cutter member of U-cross section disposed in forwardly facing relation at the rear of and in spaced relation to the rear edge of said support and its lower portion projecting forwardly below the support and having a cutter actuated by downward pressure upon its front edge whereby downward pressure upon the cutter acts to urge said clamping portion upon a roll of paper.

14. A paper roll holder comprising in combination a back panel having an integral forwardly extending top member, forwardly extending end plates formed integral with said back panel, a roll top in the form of the segment of a cylinder having integral end arms pivoted to said end plates, whereby the cover may be swung under said top member in opening the same, said end plates having inwardly extending flanges overlapping said top member and the roll cover, a member of substantially U-section having rearwardly extending lateral ears pivotally connected to said end plates with the pivot member facing the roll cover and forming therewith a housing for receiving the paper roll, said pivoted member having a shoe adapted to coat in opposed relation with the roll cover to clamp the roll, said pivoted member having an exposed cutting edge projecting under the roll cover, whereby when the free end of the strip from the roll is drawn downwardly in the tearing operation, the clamping force exerted by the shoe is increased, a spring keeper pivoted to said top member and having a forwardly extending finger piece and a downwardly extending tongue, said roll cover having a slot for receiving said tongue to hold the cover in closed position.

15. A paper roll holder comprising in combination a back panel having an integral forwardly extending top member, forwardly extending end plates formed integral with said back panel, a roll top in the form of the segment of a cylinder having integral end arms pivoted to said end plates, whereby the cover may be swung under said top member in opening the same, said end plates having inwardly extending flanges overlapping said top member and the roll cover, a member having rearwardly extending lateral ears pivotally connected to said end plates with the pivot member facing the roll cover and forming therewith a housing for receiving the paper roll, said pivoted member having a shoe adapted to coat in opposed relation with the roll cover to clamp the roll, said pivoted member having an exposed cutting edge projecting under the roll cover, whereby when the free end of the strip from the roll is drawn downwardly in the tearing operation, the clamping force exerted by the shoe is increased, a spring keeper pivoted to said top member and having a forwardly extending finger piece and a downwardly extending tongue, said roll cover having a slot for receiving said tongue to hold the cover in closed position.

16. A paper roll holder comprising in combination a back panel having an integral forwardly extending top member, forwardly extending end plates formed integral with said back panel, a roll top in the form of the segment of a cylinder pivoted to said end plates, whereby the cover may be swung under said top member in opening the same, a member pivotally connected to said end plates with the pivot member facing the roll cover and forming therewith a housing for receiving the paper roll, said pivoted member having a shoe adapted to coat in opposed relation with the roll cover to clamp the roll, said pivoted member having an exposed cutting edge projecting under the roll cover, whereby when the free end of the strip from the roll is drawn downwardly in the tearing operation, the clamping force exerted by the shoe is increased, a spring keeper pivoted to said top member and having a forwardly extending finger piece and a downwardly extending tongue, said roll cover having a slot for receiving said tongue to hold the cover in closed position.

17. A paper roll holder comprising in combination a back panel having an integral forwardly extending top member, forwardly extending end plates formed integral with said back panel, a roll top in the form of the segment of a cylinder pivoted to said end plates, whereby the cover may be swung under said top member in opening the same, said end plates having inwardly extending flanges overlapping said top member and the roll cover, a member having rearwardly extending lateral ears pivotally connected to said end plates with the pivot member facing the roll cover and forming therewith a housing for receiving the paper roll, said pivoted member having a shoe adapted to coat in opposed relation with the roll cover to clamp the roll, said pivoted member having an exposed cutting edge projecting under the roll cover, whereby when the free end of the strip from the roll is drawn downwardly in the tearing operation, the clamping force exerted by the shoe is increased, a spring keeper pivoted to said top member and having a forwardly extending finger piece and a downwardly extending tongue, said roll cover having a slot for receiving said tongue to hold the cover in closed position, the distance between said tongue and the pivot of said keeper being such that in open position the tongue rests on the forward edge of the top member out of contact with the roll cover, whereby to prevent scratching of the latter when the roll cover is turned to and from open position.

18. A paper roll holder comprising in combination a back panel having an integral forwardly extending top member, forwardly extending end plates formed integral with said back panel, a roll top in the form of the segment of a cylinder pivoted to said end plates, whereby the cover may be swung under said top member in opening the same, said end plates having inwardly extending flanges overlapping said top member and the roll cover, a member having rearwardly extending lateral ears pivotally connected to said end plates with the pivot member facing the roll cover and forming therewith a housing for receiving the paper roll, said pivoted member having a shoe adapted to coat in opposed relation with the roll cover to clamp the roll, said pivoted member having an exposed cutting edge projecting under the roll cover, whereby when the free end of the strip from the roll is drawn downwardly in the tearing operation, the clamping force exerted by the shoe is increased, a spring keeper pivoted to said top member and having a forwardly extending finger piece and a downwardly extending tongue, said roll cover having a slot for receiving said tongue to hold the cover in closed position, the distance between said tongue and the pivot of said keeper being such that in open position the tongue rests on the forward edge of the top member out of contact with the roll cover, whereby to prevent scratching of the latter when the roll cover is turned to and from open position.

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