Jan. 25, 1938. S. TESHER ET AL 2,106,363

HOLDER FOR A ROLL OF STRIP MATERIAL

Filed Jan. 22, 1936

Fig. 1.

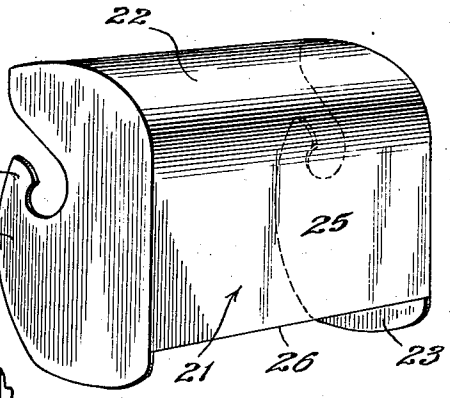


Fig. 2.

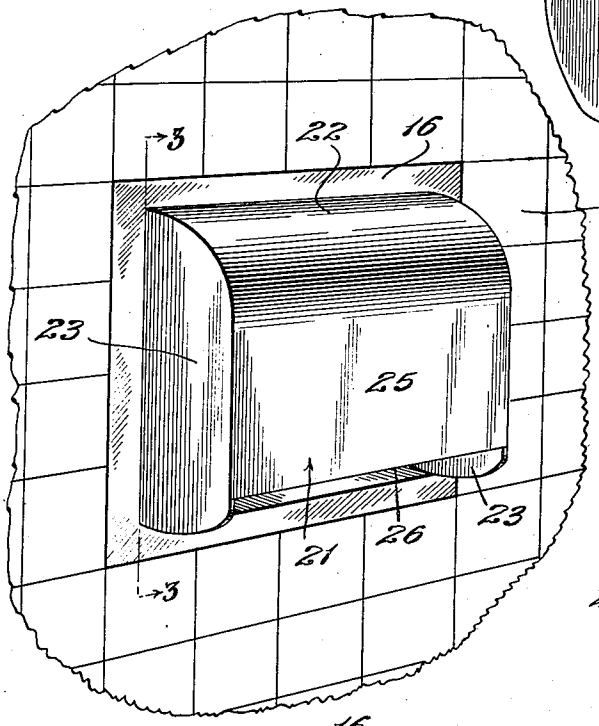


Fig. 3.

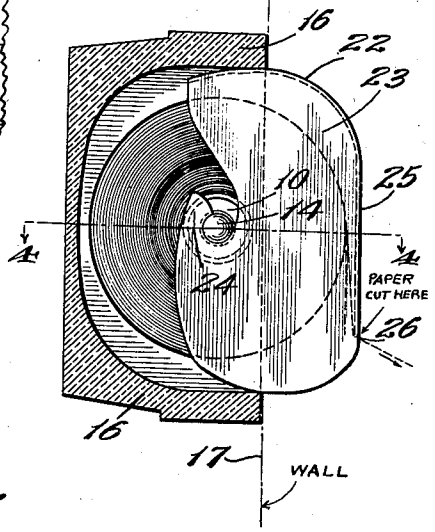
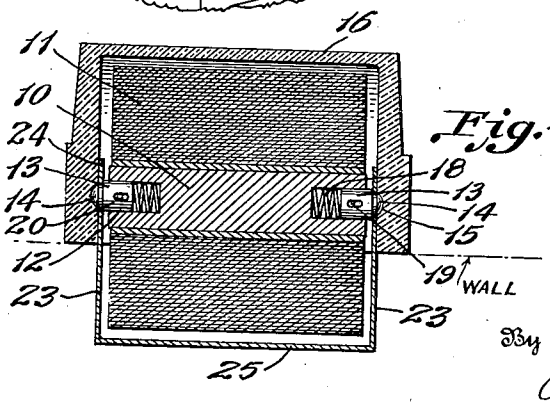


Fig. 4.



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Patented Jan. 25, 1938 2,106,363

UNITED STATES PATENT OFFICE

2,106,363

HOLDER FOR A ROLL OF STRIP MATERIAL

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Application January 22, 1936, Serial No. 60,322

5 Claims. (Cl. 242—55.5)

This invention relates to holders for rolls of strip material, and it has a particular relation to holders for rolls of toilet paper, paper towels, wrapping paper, fabric, and the like.

One of the objects of the present invention is the provision of a holder of the character described adapted to be inserted in a suitable recess provided in a wall or other support, and embodying a cover member for enclosing the roll to protect it from foreign matter, such as water and dust.

Another object of the invention is the provision of a holder embodying a cover member engageable with a pair of retractable trunnions on the roll spindle for assisting in the removal and replacement of a roll.

A further object of the invention is the provision of a roll holder embodying means for shearing off a strip of the rolled material of the desired length.

A still further object of the invention is the provision of a roll holder including a cover member which is attractive in appearance, completely obscures the roll from view, and which may be manufactured at a relatively low cost from sheet metal or other suitable material.

With such objects in view, as well as other advantages which may be incident to the use of the improvements, the invention consists in the parts and combinations thereof hereinafter set forth and claimed, with the understanding that the several necessary elements constituting the same may be varied in proportions and arrangement, without departing from the spirit or nature of the invention, as defined in the appended claims.

In order to make the invention more clearly understood, there are shown in the accompanying drawing, means for carrying the invention into practical effect, without limiting the improvements in their useful application to the particular construction, which for the purposes of explanation have been made the subject of illustration.

In the accompanying drawing:

Figure 1 is a perspective view of the cover portion of a roll holder constructed in accordance with the invention;

Fig. 2 is a perspective view of the improved roll holder as applied to a recess in a tiled wall of a bathroom or kitchen;

Fig. 3 is a vertical sectional view taken on line 3—3 of Fig. 2; and

Fig. 4 is a horizontal sectional view taken on line 4—4 of Fig. 3.

Referring to the drawing, a roll holder embodying the present invention is shown as comprising a spindle 10 adapted to removably support a roll of paper 11 and having sockets 12 provided at each end thereof. Mounted in each of the sockets 12 for axially sliding movement is a trunnion 13 having a reduced shouldered end 14 at its outer end adapted to removably engage bearing elements such as sockets 15 provided in a recessed member 16, constructed preferably of porcelain or similar material, adapted to be inserted in a wall 17 of a bathroom or the like.

The trunnions 13 are biased outwardly by means of coil springs 18 disposed within the sockets 12 back of the trunnions 13. The outward movement of the trunnions 13 is limited by means of pins 19 extending transversely through the spindle 10 and slots 20 formed in the trunnions 13 (Fig. 4).

The roll 11 and the open front of the member 16 is normally closed by means of a cover member, indicated generally at 21, preferably of sheet metal construction. This cover is formed with an upwardly curved upper portion 22 and side walls 23 extending over the ends of the roll 11 and partially into the member 16. The inner edges of the side walls 23 are formed with hooks 24 adapted to embrace the trunnions 13 in abutting engagement with the shouldered portion thereof so as to support the roll while being positioned within the member 16 and thereafter to maintain the cover against displacement. The front wall 25 of the cover 21 terminates a short distance above the lower edge of the member 16 and provides a cutting edge 26 for severing a strip of the paper or other material from the roll. The remainder of the lower portion of the cover 21 is open to permit access to the free end of the strip. The contour of the cover 21, as viewed in Fig. 3, is such that when the cover is properly positioned with the trunnions 13 in engagement with their co-operating sockets 15, it is prevented from any swinging or tilting action which might interfere with the severance of the paper.

When it is desired to insert a roll of paper within the member 16 and in position for use, it is only necessary to mount the trunnions 13 within the hooks 24 on the end walls 23 of the cover 21, and then by a slight pressure to flex the end walls 23 inwardly, thus retracting the trunnions 13 a distance sufficient to permit their entry within the member 16, and in axial alignment with the sockets 15. The pressure is then relaxed so as to permit the springs 18 to urge the trunnions 13 outwardly and into seating engagement within their associated sockets 15. The

roll of paper and the holder are now in position for use.

After the roll of paper or other material is exhausted, and it is desired to mount another roll upon the spindle **10**, it is only necessary to again flex the end walls **23** of the cover **21** inwardly so as to retract the trunnions **13** from engagement with their sockets **15** against the action of the springs **18**, thus permitting of the easy removal of the cover and the spindle from the member **16**.

From the foregoing, it will be apparent that by means of the improved construction, the roll of paper is at all times obscured from view and protected from accumulation of foreign matter, such as dust and particularly from water being splashed thereon. Moreover, by means of the present invention, a fresh roll may very easily be mounted in position, and when the roll is exhausted, the spindle may be removed to have a new roll mounted thereon. In addition, it will be apparent that a strip of paper of any desired length may be severed from the roll.

If desired, either or both of the springs **18** may be dispensed with entirely and the flexibility of the side walls **23** may be employed to urge the trunnions into pivotal engagement with the sockets **15**.

The invention, in addition to being of inexpensive construction, is capable of being tinted in accordance and in harmony with the general color scheme of the room in which it is used, thus presenting a pleasing appearance.

Although two movable trunnions, one at each end of the spindle, have been illustrated and described, it will be obvious to those skilled in the art that it is entirely feasible to construct the device with only one movable trunnion, as in structures of the conventional type, or that the spindle itself may be of telescopic construction and provided with fixed trunnions at each end Also, the shearing edge **26** of the front wall **25** of the cover **21** may either be provided with a knife edge, or serrated, as desired.

Other modifications and changes in the proportion and arrangement of the parts may be made by those skilled in the art without departing from the nature and scope of the invention as defined in the appended claims.

We claim:

1. A device of the character described comprising an axially contractable spindle for supporting a roll of strip material and engageable with bearing sockets in a recess provided in a wall or the like; and a cover having side walls engageable with said spindle and closing the upper portion of the open front of said recess for protecting said roll, at least one of said side walls being laterally movable to contract said spindle to permit its insertion in and removal from sockets.

2. A device of the character described comprising a spindle for supporting a roll of strip material and having trunnions at the ends thereof for engagement with bearing sockets provided in the ends of a recess in a wall or the like, at least one of said trunnions being axially movable; and a cover having end walls engageable with said trunnions and closing the upper portion of the open front of said recess for protecting said roll, at least one of the end walls of said cover being movable to retract said movable trunnion during the removal and replacement of a roll.

3. A device of the character described comprising a spindle for supporting a roll of strip material and having axially movable trunnions at the ends thereof for engagement with bearing sockets provided in the ends of a recess in a wall or the like; and a cover having end walls engageable with said trunnions and closing the upper portion of the open front of said recess for protecting said roll, the end walls of said cover being movable to retract said trunnions during the removal and replacement of a roll.

4. A device of the character described comprising a spindle for supporting a roll of strip material and having axially movable trunnions at the ends thereof for engagement with bearing sockets provided in the ends of a recess in a wall or the like; and a cover having end walls provided with hook portions for releasably engaging said trunnions and closing the upper portion of the open front of said recess for protecting said roll, the end walls of said covering being movable to retract said trunnions during the removal and replacement of a roll.

5. A device of the character described comprising a spindle for supporting a roll of strip material and having axially movable trunnions at the ends thereof for engagement with bearing sockets provided in the ends of a recess in a wall or the like; and a cover having end walls engageable with said trunnions and closing the upper portion of the open front of said recess for protecting said roll, the end walls of said cover being movable to retract said trunnions during the removal and replacement of a roll, the lower edge of the cover being adapted to sever a length of said strip material from said roll when drawn thereacross.

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