

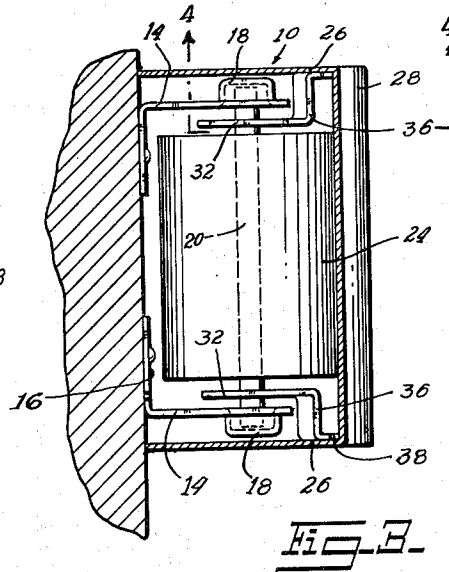
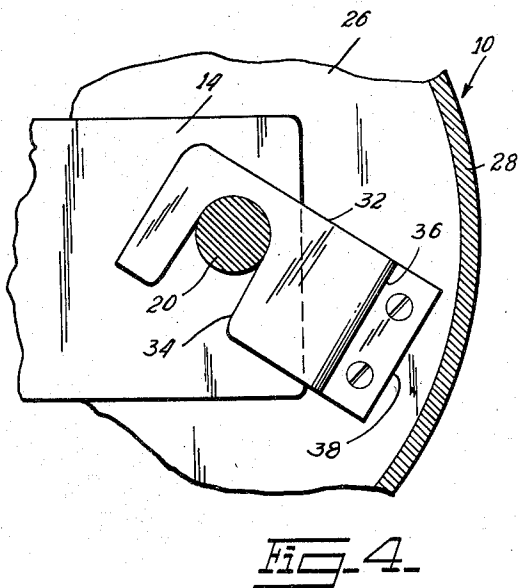
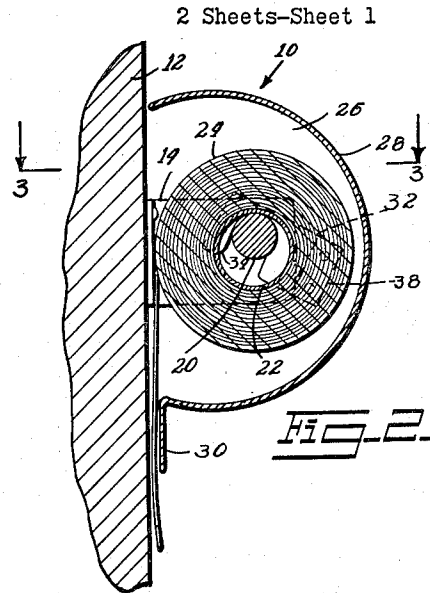
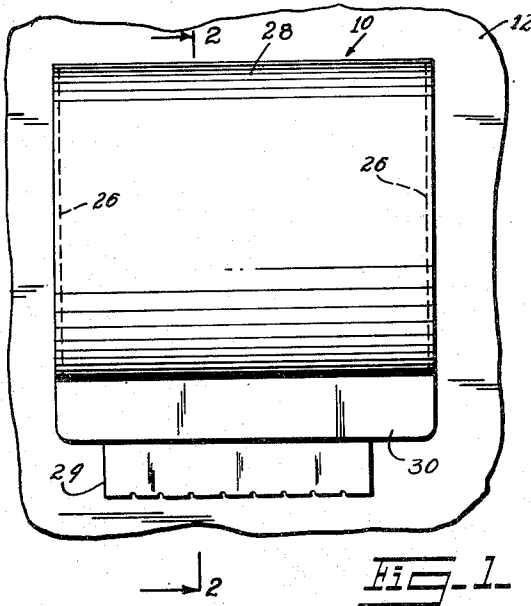
Dec. 25, 1956

L. E. DU BOU

2,775,408

TOILET TISSUE ROLL COVER

Filed Oct. 30, 1953



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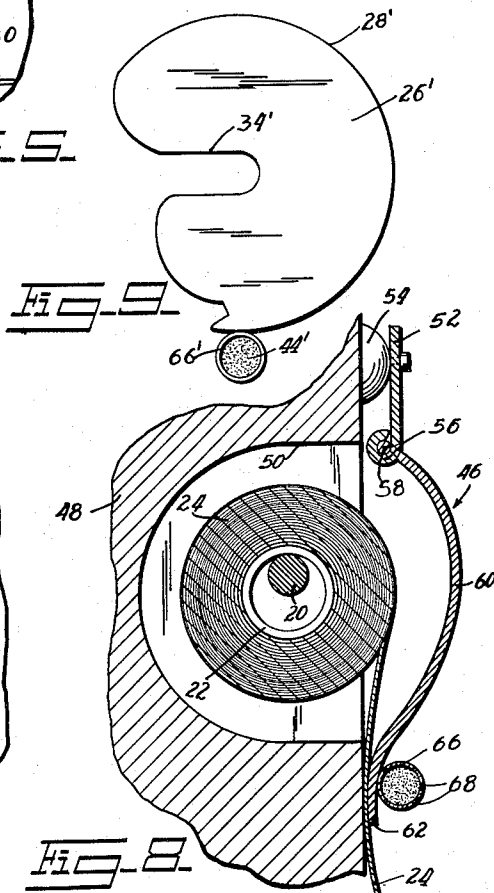
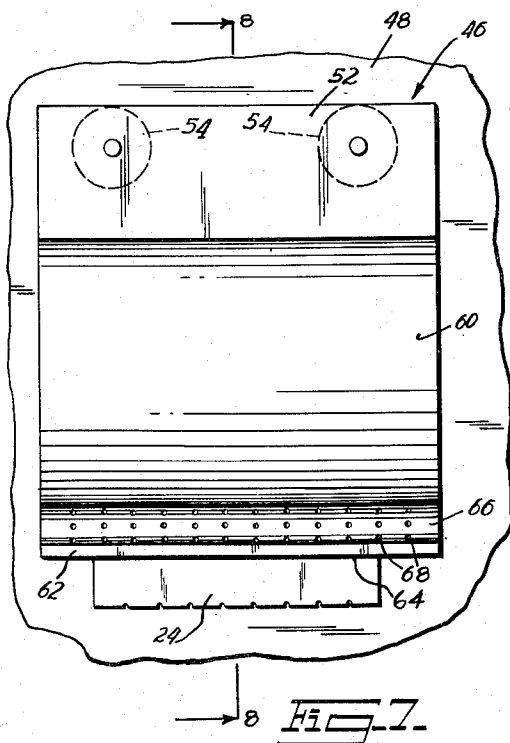
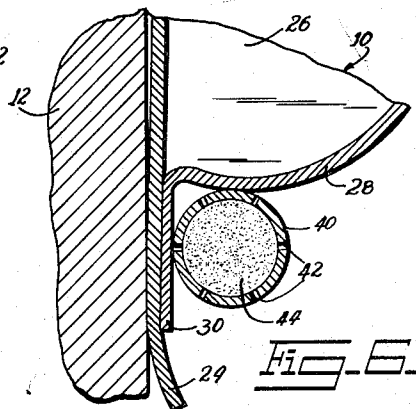
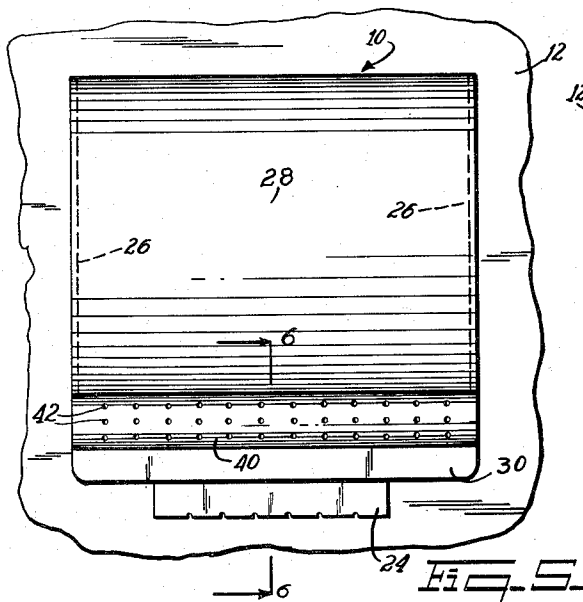
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TOILET TISSUE ROLL COVER

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2 Sheets-Sheet 2



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TOILET TISSUE ROLL COVER

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1 Claim. (Cl. 242—55.2)

This invention relates to a cover for a wall-supported roll of toilet tissue.

One important object of the invention is to provide a generally improved device of the type stated, that will be particularly adapted for effectively concealing the roll of tissue, in a manner that leaves visible only an attractive fixture constituted by the instant device.

Another object is to so design a device of the nature referred to as to cause the same to bear against the free end of the tissue, to permit the tissue to be pulled out from the wall in a selected amount while still restricting free unrolling thereof sufficiently to deter use of an excessive amount of tissue.

A further object of importance is to provide a cover that will be mountable on a wall over a roll-receiving recess of the wall without requiring drilling of the wall, the device in this form being removable whenever desired and being mountable on the wall with a minimum of difficulty.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claim in which the various novel features of the invention are more particularly set forth.

On the accompanying drawings forming a material part of this disclosure:

Fig. 1 is a front elevational view of a cover formed in accordance with the invention, a wall on which the device is mounted being shown fragmentarily.

Fig. 2 is a sectional view on line 2—2 of Fig. 1.

Fig. 3 is a sectional view on line 3—3 of Fig. 2.

Fig. 4 is an enlarged sectional view on line 4—4 of Fig. 3, showing one of the support brackets of the device.

Fig. 5 is a view similar to Fig. 1 showing a modification.

Fig. 6 is an enlarged, fragmentary sectional view on line 6—6 of Fig. 5.

Fig. 7 is a view similar to Fig. 1 showing another modification.

Fig. 8 is a sectional view on line 8—8 of Fig. 7.

Fig. 9 is a side elevational view of a further modified form of the invention.

In the form of the invention shown in Figs. 1—4, the cover 10 is mounted upon a wall 12. A pair of horizontally spaced, L-shaped roll support brackets 14 have, at their inner ends, apertured feet 16 through which extend screws or equivalent fastening elements, that secure the brackets fixedly to the wall. The brackets are conventional, and have outwardly extending arms, the arm of each bracket being formed with an outwardly pressed socket 18. Removably and loosely engaged in the sockets are the ends of a roll support bar 20, this being also conventional. The bar can, for example, be of the springably telescopic type to facilitate engagement and disengagement of the bar and brackets.

Bar 20 extends loosely through a cylindrical, fibrous core 22 of a roll of toilet tissue 24 to rotatably mount the roll on the brackets in the usual manner.

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The cover 10 constituting the invention includes, at opposite ends thereof, flat, vertically disposed end walls 26 each of which has a vertical inner edge engaging against the surface of room wall 12, and an arcuate outer edge extending through substantially more than 180 degrees of a circle.

A cover plate 28 is curved transversely correspondingly to the curvature of the outer edges of the end walls or plates, and is soldered or otherwise fixedly secured to the end walls. The cover plate, at its upper edge, terminates at the upper ends of the straight, vertical inner edges of the end walls. At its lower edge, the cover plate is formed with a vertically depending, straight lip 30 extending the full distance between the end walls. The lip 30 is adapted to bear against the depending free end of the tissue, to slightly restrict the free unrolling of the tissue, thereby to reduce the amount of tissue which one might otherwise tend to use, while at the same time affording a tear-off edge that facilitates tearing of the tissue at a location just below the lip. Enough space however, is left between lip 30 and the wall, whereby the finger is inserted to start the next section of toilet tissue.

Fixedly secured to the inner surfaces of end walls 26 are the cover support brackets 32. Each of these is formed from a short length of flat bar stock, one end portion of which is provided with a downwardly extending opening, flared recess or notch 34 receiving the associated end of the bar 20. Intermediate its ends, each bracket 32 is bent substantially at right angles to the notched end portion thereof as shown at 36, and is then bent again to provide an end portion 38 parallel to but offset outwardly from the first end portion. End portion 38 is secured by screws or other fastening means fixedly to the associated end wall 26.

As shown in Fig. 3, inwardly offsetting the notched end portion permits the brackets 14 to extend within the space between the bracket 32 and end wall. Thus, the conventional brackets 14 are effectively concealed by the device.

As shown in Figs. 2 and 4, the brackets 32 are inclined somewhat from the horizontal, and are so disposed that the notches 34 thereof are inclined and open in the direction of the room wall.

This causes the entire cover to be applicable to the bar 20 in the direction shown by the arrows in Fig. 2, the cover shifting in said direction when being applied until the inner edges of the end walls engage against the room wall. The result is that the lip will tend to bear firmly against the free end of the tissue, thus inhibiting free unrolling thereof.

In Fig. 5, the cover is formed exactly as in the first form of the invention, so far as the parts hereinbefore described are concerned. However, in this instance, the construction is modified through the provision of a deodorizing means. Said means comprises a horizontal, open-ended, cylindrical tube 40 extending the full length of and welded or otherwise fixed to the lip 30. The tube 40 has longitudinally extending, circumferentially spaced rows of perforations 42, and extending loosely within the tube, so as to be readily removable therefrom, is a deodorant stick 44 compounded of conventional chemicals found to have the desired deodorant and antiseptic action.

The deodorant tube not only affords a support for stick 44, but also comprises an added weight at the lower end of the device that supplies added pressure tending to urge the cover in the direction of the room wall.

In Figs. 7 and 8, another modification 46 is shown mounted on a room wall 48 formed with a roll-receiving recess 50 in which the tissue roll 24 is rotatably mounted.

In this form of the invention, adapted particularly to

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provide a cover for recessed tissue rolls, the device is attached to the wall in a manner that does not require drilling or other marring of the room wall. This is desirable, for example, where the room wall is of tile construction.

Accordingly, the cover is provided with a mounting plate 52 formed as an elongated, flat, horizontally extending member provided at opposite ends thereof with suction cups 54 projecting inwardly from the back surface of the plate 52 to grip the room wall surface. The plate 52, along its lower edge, is provided with longitudinally spaced hinge sleeves 56 through which extends a hinge pin 58, that also passes through hinge sleeves formed on the upper edge of a cover plate 60. The hinge sleeves of the cover plate alternate with those of the plate 52 in the usual manner, and thus the cover plate is swingable toward and away from the recess, about the axis of the hinge pin.

Cover plate 60 is transversely curved through a comparatively flat arc, and at its lower end is formed with a flat, vertically depending lip 62 the bottom or free edge of which can be bevelled as at 64 to facilitate tearing off of a selected quantity of tissue.

In this form of the invention there is provided a tube 66 open at its opposite ends, and extending the length of the lip 62. Tube 66 is provided with longitudinal rows of perforations 68, and is welded to the lip 62. The tube has the desirable effect of substantially weighting the free lower edge of the cover plate, to cause the same to bear against the free end of the tissue.

In all forms of the invention, of course, there is provided an attractive, relatively inconspicuous cover that efficiently conceals the tissue roll. Further, a deodorant means is incorporated in some forms of the device in a manner that does not interfere in any way with removal of the tissue, said means being so designed as to be readily blended into the construction of the remaining parts of the device. For example, the deodorant tube can be chrome finished, as can the cover plate and end walls. Or, alternatively, the several parts can be attractively painted and decorated.

In Fig. 9 the cover plate 28' is shown with end walls 26' which is shown with radial notch 34' for placing the cover on the usual roll-support bar. In this arrangement a

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tube 66' forms the handle for the cover plate 28' which is also provided with a deodorant stick 44' as previously described.

While I have illustrated and described the preferred embodiment of my invention, it is to be understood that I do not limit myself to the precise construction herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claim.

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

A toilet tissue cover comprising in combination, a pair of separate horizontally spaced angular metal plate brackets adapted to be secured to a supporting wall, said brackets having outwardly pressed socket portions adjacent their outer ends for receiving the ends of a roller member of a roll of tissue, a detachable cover for a supported roll of tissue including semi-circular end walls and an arcuate-shaped central wall connecting said end walls, said central wall having a lip depending from one end thereof, angularly shaped brackets secured at one end to the end walls of the cover and being disposed inside and in overlapping relation with the wall brackets, said angularly shaped brackets having notches in one edge thereof opening downwardly and being disposed at an angle to the vertical to detachably seat the angular brackets on the roller member of a roll of tissue for detachably holding the cover over a supported roll of tissue.

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