

April 30, 1957

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2,790,608

SUPPORTING BRACKET FOR A ROLL

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2 Sheets-Sheet 1

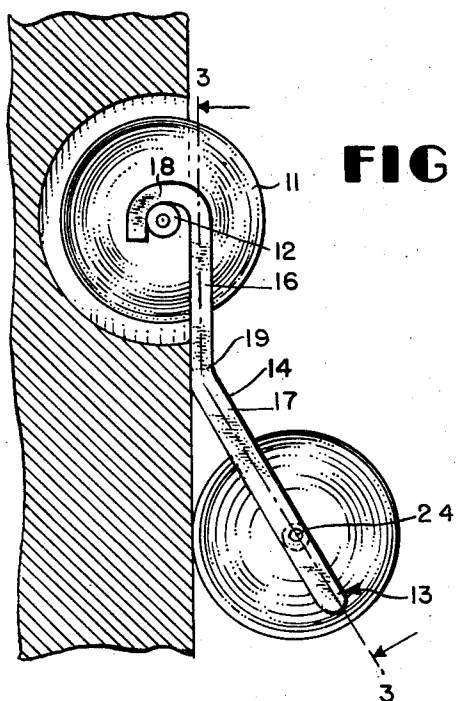


FIG. 1.

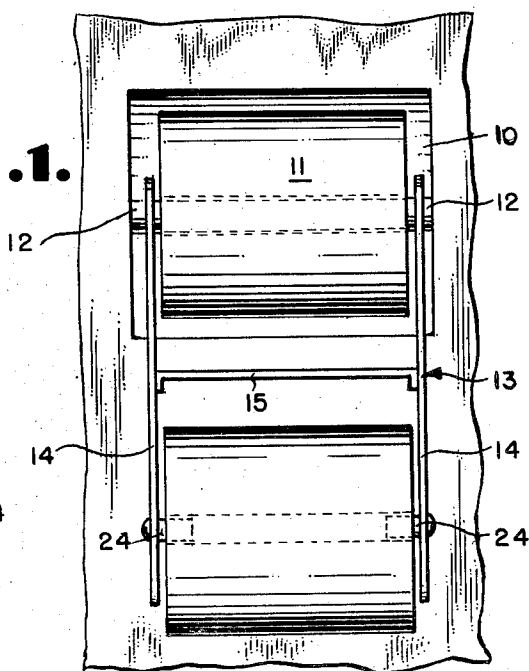


FIG. 2.

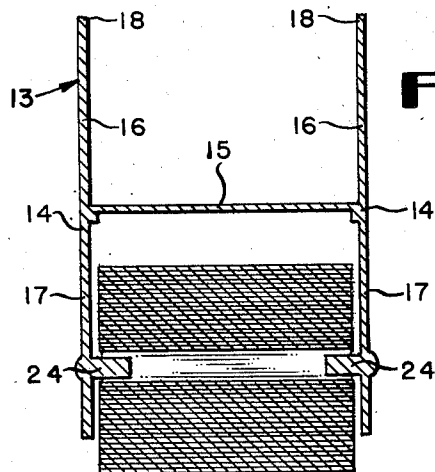


FIG. 3

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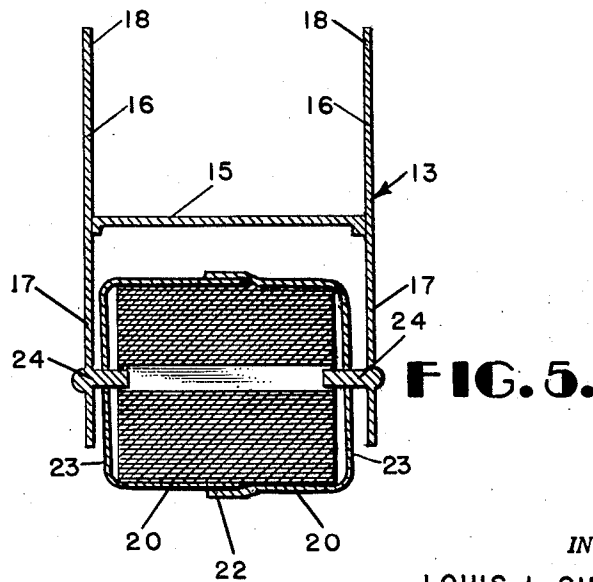
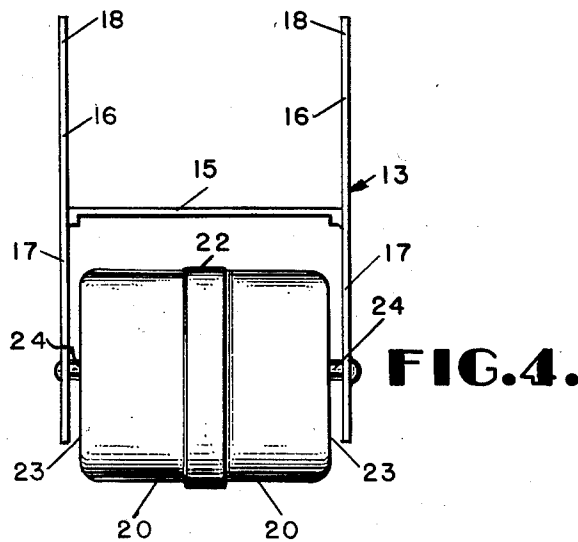
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2 Sheets-Sheet 2



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SUPPORTING BRACKET FOR A ROLL

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2 Claims. (Cl. 242—55.3)

This invention relates to a supporting bracket for a roll of strip material and more particularly to a supporting means for a spare toilet tissue roll adapted to be mounted upon a service toilet tissue roll holder so as to make said spare roll available for use when desired.

It is an object of this invention to provide supporting means for a toilet tissue roll adapted to be mounted upon a toilet tissue roll holder to support said roll as a spare or replacement in such manner as to be readily available for use when the open or service roll normally positioned on such holder has been exhausted.

It is also an object of this invention to provide a supporting bracket for a toilet tissue roll or package which is adapted to be readily mounted upon a wide variety of conventional toilet tissue roll holders without interfering with the open or service roll positioned on said holder; said spare roll being supported and positioned so as to be readily available at such time as the open roll has been exhausted, as an immediate replacement thereof.

It is a further object of this invention to provide a supporting means for a toilet tissue roll or package, which may be readily efficiently and economically manufactured and placed into operation.

Other and further objects of this invention will become apparent from the description thereof or will otherwise be obvious. It will be understood that the invention hereof may be employed for other purposes to which the structure is herein adapted.

In the accompanying drawings;

Figure 1 is a front elevational view of a wall recessed toilet tissue roll holder showing a spare or replacement roll mounted on a supporting bracket in accordance with the present invention.

Figure 2 is a side elevational view of the arrangements shown in Figure 1 showing a recessed wall in cross-section.

Figure 3 is a cross-section of Figure 2 taken along line 3—3 thereof with the upper roll omitted.

Figure 4 is a front elevational view of a modification showing the spare roll contained in a protective container; and

Figure 5 is a cross-section of Figure 4.

Figure 1 illustrates a toilet tissue roll holder of the conventional type. In this form of toilet tissue roll holder a substantially semi-cylindrical recess 10 is provided in a housing or wall which is adapted to receive a toilet tissue roll 11. The roll is supported in the recess by means of a spindle 12 which is passed through the hollow core of the roll and received in socket bearing elements provided in the side walls of the holder. It will be noted that recess 10 is slightly larger than the roll 11 which is positioned therein thereby providing adequate clearance.

As may be seen from Figures 1, 2 and 3 the instant invention is comprised of a frame 13 which is substantially H shaped. The frame may be formed of metal, plastic, fiber board or other similar suitable material. It is comprised of side arms 14, which are connected at the

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approximate medial point by means of a transverse connecting member 15. Transverse member 15 may be formed integrally with side arms 14 or may be secured thereto in any suitable manner as by welding, soldering or by any other appropriate means. It will be more particularly noted from Figure 2 that each of said side arms 14 is formed so that the lower portion 17 thereof extends at an obtuse angle with respect to the upper portion 16 thereof. The upper extremity of each of side arms 14 is provided with a hook shaped terminal portion 18 which is adapted to embrace the ends of spindle 12 and thereby suspend the frame from the spindle of the conventional type of toilet tissue roll holder. An inwardly extending trunnion 24 is provided adjacent the lower extremity of each of arms 14 which is adapted to enter the hollow core of a toilet tissue roll. The spare roll is mounted on the holder by simply flexing the lower portion 17 of arms 14 outwardly to allow the trunnions to enter the core and thereby permitting the roll to be positioned between the arms. Said trunnions 24 enter the hollow core of the toilet tissue roll upon release of said lower portion of the side arms. Upon a spare roll being mounted in the frame the entire bracket is mounted upon the conventional toilet tissue roll holder by merely inserting the hook shaped upper terminal portions 18 of the bracket in the space between the service toilet tissue roll and the side walls of the recess and thereupon engaging said hooks over the spindle. The bracket is thus effectively suspended from the holder spindle.

It will be noted that the upper portion 16 of side arms 13 is in a vertical position and that a portion thereof abuts with the wall surrounding the recess as shown at 19. The lower portion of each of said side arms is spaced from the wall by being formed at an obtuse angle with respect to the upper portion thereof. The spare roll is held in position without in any way providing projections which might interfere with the normal operation and use of the service roll.

Figures 4 and 5 illustrate a modification of the invention wherein a protective casing is provided within which the spare roll may be conveniently stored. The protective casing is formed of two cylindrical half sections 20 and 21 provided with overlapping meeting edges as shown at 22. The end walls 23 of each of said sections is provided with a centrally disposed opening which registers with the core opening in the roll and thus permits trunnions 24 to be inserted therethrough. It will be apparent that the roll may be readily placed within the casing which is then closed and the entire assembly is then mounted on the bracket in the manner heretofore indicated with respect to a simple spare roll.

I have here shown and described a preferred embodiment of my invention. It will be apparent, however, that this invention is not limited to this embodiment and that many changes, additions and modifications can be made in connection therewith without departing from the spirit and scope of the invention as herein disclosed and hereinafter claimed.

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

1. A supporting bracket for a toilet tissue roll to be supported as a replacement roll upon the spindle of a toilet tissue roll holder, said bracket comprising a substantially H-shaped frame having parallel spaced apart side arms and a transverse member interconnecting said side arms, each of said side arms having an upper spindle engaging portion and a lower toilet tissue roll engaging portion, said lower portion extending at an obtuse angle with respect to said upper portion whereby said lower portion is adapted to be in spaced relation with respect to said holder, inwardly extending trunnions carried by the lower portions of said arm and adapted to be received

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in the core of a toilet tissue roll, said lower portions being flexible to thereby permit a toilet tissue roll to be mounted therebetween.

2. A supporting bracket for a toilet tissue roll adapted to be mounted upon a toilet tissue roll holder, comprising in combination a toilet tissue holder spindle and a bracket supported thereby, said bracket comprising a substantially H-shaped frame formed of substantially parallel spaced side arms and a transverse member interconnecting said side arms, each of said side arms having a hook shaped portion formed at the upper extremity thereby adapted to be engaged with said spindle of a toilet tissue

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sue roll holder, and inwardly extending trunnions carried by the lower portions of said arms adapted to be received in the core of a toilet tissue roll.

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