June 10, 1941. E. L. ROBINSON 2,244,804

HOLDER

Filed May 16, 1938

Fig. 1.

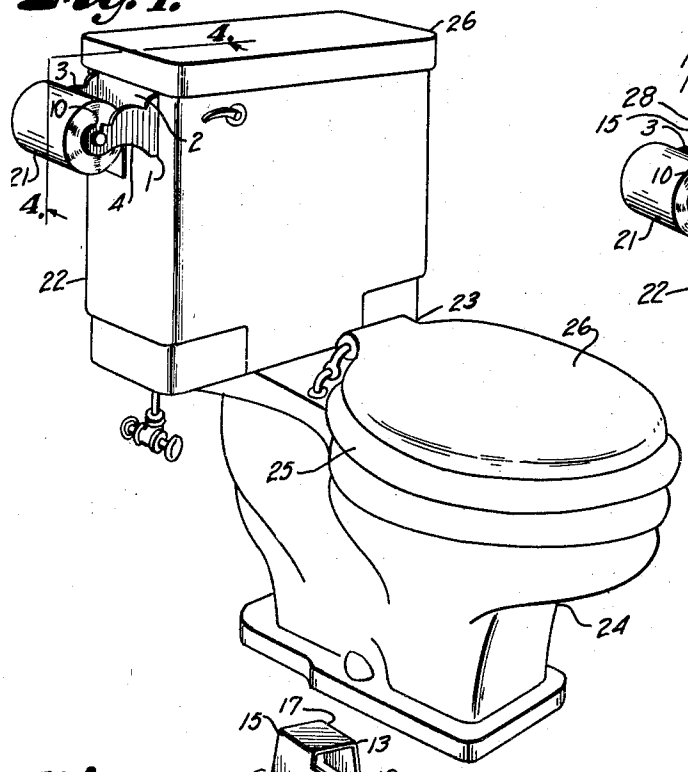


Fig. 2.

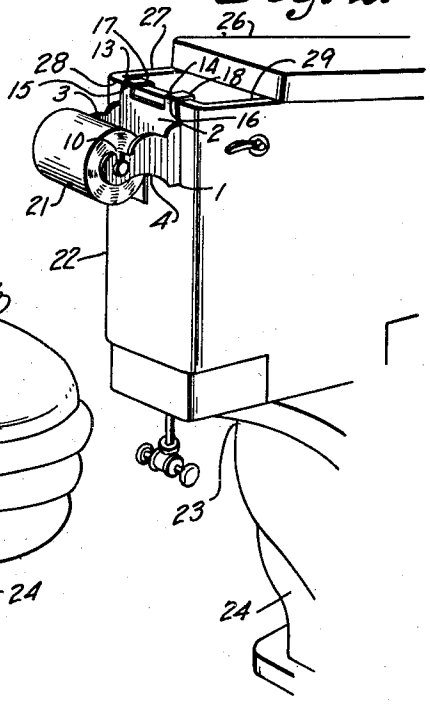


Fig. 3.

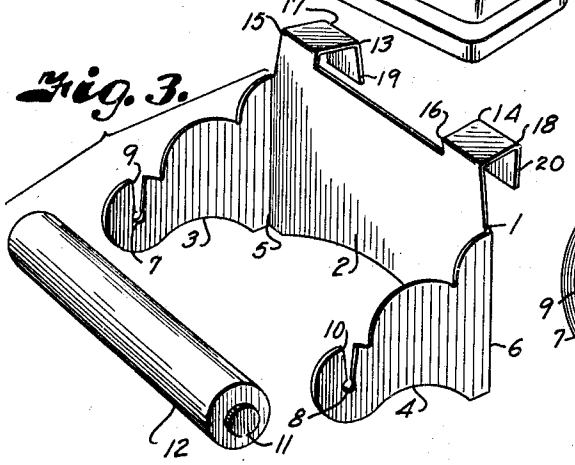


Fig. 4.

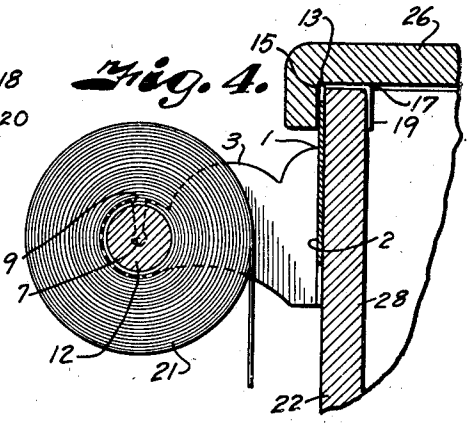


Fig. 5.

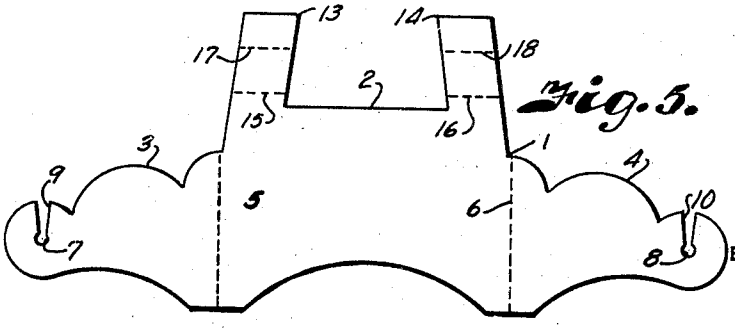
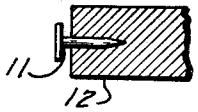


Fig. 6.



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UNITED STATES PATENT OFFICE

2,244,804

HOLDER

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Application May 16, 1938, Serial No. 208,155

1 Claim. (Cl. 242—55.2)

This invention relates to roll holders and more particularly to holders for rolls of paper or the like, such as toilet tissue.

The principal objects of the present invention are to provide a holder of this character which is easily and quickly applicable to and/or removable from a support and which obviates the necessity for the usual screws, nails or similar fastening devices, thereby avoiding defacement of building walls and woodwork.

Other important objects of the present invention are to provide a holder economical of manufacture, efficient in operation, and which is exceptionally convenient in that it may be arranged to occupy normally unused space and, further, in that the normal function of a conventional water closet reservoir cover or water closet stool seat may be utilized to secure the holder in convenient position.

In accomplishing these and other objects of the present invention, I have provided improved details of structure, the preferred form of which is illustrated in the accompanying drawing, wherein:

Fig. 1 is a perspective view of a water closet having a roll holder embodying the features of the present invention applied thereto.

Fig. 2 is a fragmentary perspective view of a water closet with a roll holder applied thereto, the flushing water reservoir cover for clamping the holder being partly removed.

Fig. 3 is a detail perspective view of a roll holder embodying the present invention, the roll supporting spindle being shown in disassembled relation to the holder bracket.

Fig. 4 is a vertical cross-section through the roll, holder, and flushing water reservoir on the line 4—4, Fig. 1.

Fig. 5 is a plan view of a blank from which the roll holder bracket may be formed.

Fig. 6 is a detail cross-sectional view through an end of the roll spindle showing a suitable type of trunnion therefor.

Referring more in detail to the drawing:

1, Fig. 3, designates a bracket which may be formed from a blank of sheet metal or other suitable material, as illustrated in Fig. 5.

The bracket 1 preferably includes a body member 2, a roll supporting member comprising arms 3 and 4 of suitable conformation and adapted to be bent laterally relative to the body member on the lines 5—6, as illustrated in Fig. 3. The ends of the arms are provided with trunnion bearing portions 7 and 8 which preferably open upwardly as at 9 and 10 to receive trunnions 11, Fig. 6, fixed at opposite ends of a roll supporting spindle 12.

The body member 2 of the bracket is also provided with an attaching member comprising hooks 13 and 14 which are preferably formed on the upper edge of the body member at the outer ends thereof and which may be bent on the lines 15 and 16 laterally of the body member in oppositely disposed relation to the arms 3 and 4, and which may be additionally bent on the lines 17 and 18 to provide downwardly extending flanges 19 and 20 to complete the hook portions.

It is apparent that a conventional roll 21 of paper or the like such as toilet tissue may be sleeved in the usual manner on the spindle 12 and the spindle applied to the bracket by fitting the trunnions 11 thereof into the bearing portions 7 and 8 of the bracket arms.

One of the principal features of the present invention is the provision of a roll holder which obviates the necessity for the employment of screws, nails or the like to thereby avoid defacement of walls or woodwork in a building, or room, provided with the roll holder. To this end, it is contemplated that the roll holder may be applied to the usual open upper end of a flushing water reservoir 22 of a water closet 23 having the usual stool 24, seat 25, and cover 26. The reservoir 22 is also ordinarily provided with a cover 30 enclosing the upper edges 27, 28 and 29 of the reservoir walls.

In applying the roll holder to the reservoir 22, the cover may be partly removed and the attaching members comprising the hooks 19 and 20 may be hooked over the edge 28 of an end wall of the reservoir, the laterally extending portions 13 and 14 thereof seating on the edge, and the downwardly extending hook portions of the bracket extending into the reservoir. The cover 26 may then be fully replaced in functional position, as shown in Fig. 1 for clamping the attaching member of the bracket to secure the roll holder in desired position on the reservoir.

While the roll holder has been shown applied to the flushing water reservoir 22 of the water closet, it may, if desired, be applied to the upper edge of the stool and clamped in position thereon by the seat 25.

The application and operation of a roll holder of this character are believed to have been explained. It is believed apparent that new rolls of paper may be applied to the roll holder by merely lifting the spindle 12 upwardly out of the bearing portions for the trunnions thereof in the bracket arms, and by sleeving a new roll of

paper thereon after which the spindle may again be applied by fitting its trunnions into the bracket arm bearing portions.

What I claim and desire to secure by Letters Patent is:

In a device of the character described, a body member comprising a plane blank having spaced arms bent forwardly relative to the side edges and plane of the blank adapted to form a holder for a roll of paper to be mounted therebetween and having at least one arm bent first rearwardly and then downwardly relative to the top edge and plane of said body member blank adapted to form a hook for attaching the device to a support therefor, said hook forming arm being of flat sheet structure of sufficient thinness to allow a cover normally engaged with the support to assume its operative substantially normal position relative to the support and frictionally clamp the device to the support.

ELLIOTT L. ROBINSON.