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HOLDER FOR PAPER ROLLS

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Fig. 1.

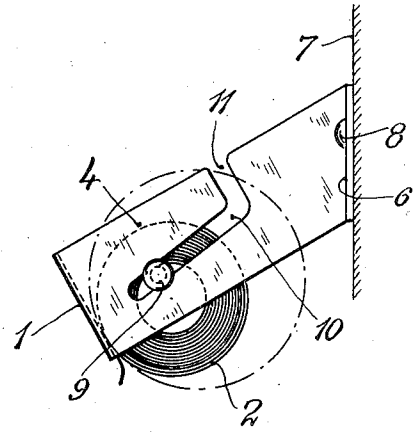
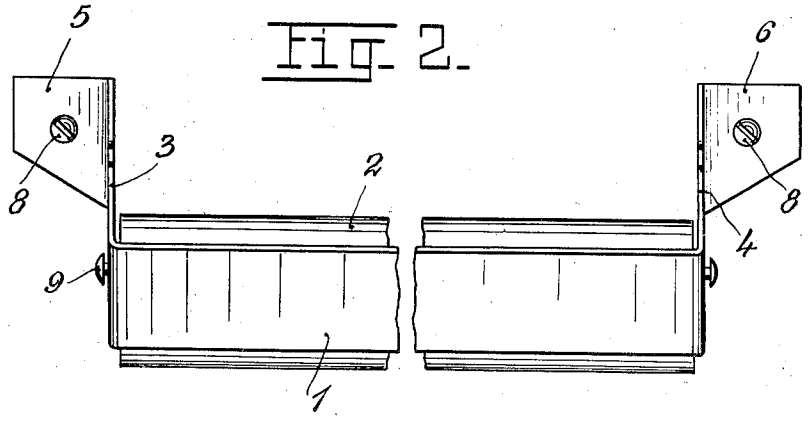


Fig. 2.



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HOLDER FOR PAPER ROLLS

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Application November 14, 1933, Serial No. 698,003
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3 Claims. (Cl. 242—55.5)

This invention relates to a frame or holder for rolls of household paper or the like of the kind provided with an abutment wall against which the roll is pressed by its own weight with the supporting spindle resting on supporting surfaces which are inclined relatively to the said wall.

It has previously been proposed to construct a paper-roll holder in the form of a bracket having inclined arms grooved to receive the roll spindle, said arms being formed at their forward ends with openings for reception of the journals of a knife.

A paper-roll holder or frame according to the invention consists of a U-shaped bail the legs of which are provided with inclined slots for the supporting spindle and are secured to a supporting wall or the like so that the cross piece of the bail constitutes the abutment wall and provides a cutting edge.

An embodiment of the invention is illustrated in the accompanying drawing in which Figure 1 is a side view and Figure 2 is a front view of the frame or holder.

The frame consists of a U-shaped member or bail, the cross portion 1 of which forms an abutment wall against which the periphery of the toilet roll 2 rests. The free ends of the leg portions 3 and 4 are provided with flanges 5 and 6 respectively, for securing the frame to a wall 7 or the like by means of screws 8. The flanges 5 and 6 form such an angle with the longitudinal axis of the legs 3 and 4, that, when the frame is secured to a vertical surface, such as 7, as indicated, the wall 1 assumes an inclined position relatively to the surfaces of the wall 7. The roll 2 is provided with a spindle 9 the ends of which rest in slots 10 in the legs 3 and 4. The slots 10 communicate with slots 11 for insertion or removal of the spindle. The slots 10 extend substantially in the longitudinal direction of the legs 3 and 4, but at an acute angle to the wall 1.

With this arrangement, due to its own weight, the roll 2 will be kept pressed against the wall 1 so that the necessary friction for unwinding and tearing off paper lengths is obtained.

As the diameter of the roll decreases, its axis is lowered relatively to the wall 1 due to the inclination of the slot 10 in relation to said wall, so that the roll will always rest against said wall with practically unaltered friction and engaging position, during the tearing off of the paper lengths the lower edge of the wall 1 may serve as a cutting knife or, if desired, the upper edge thereof may serve this purpose.

The frame is shown as made in one single piece, for instance, of strip metal or the like, but, if desired, the wall member 1 and the leg members 3 and 4 may be made as separate pieces which are then united. Due to the position of the slots 10 relatively to the wall 1, the frame may be secured to a vertical supporting member in such position that the position of the axis of the roll 2 is more or less inclined relatively to the horizontal plane, when this is necessary.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:

1. Holder for paper rolls or the like constituting a U-shaped frame comprising flanges for fastening it in a stationary position, a horizontal cross member with a lower cutting edge and assuming an inclined position and side legs uniting the flanges with the cross member, the latter forming an inclined plane substantially perpendicular to the longitudinal axis of the legs, the legs being provided with slots arranged downwardly inclined and also inclined relatively to the cross member and adapted to receive a paper roll spindle in such a manner that the roll is movably pressed by its own weight against the cross member.

2. Holder for paper rolls or the like constituting a U-shaped bail of band-iron and comprising a middle cross member, side legs bent in right angle thereto and end flanges bent in such a manner in right angle to the legs that the plane of each flange forms an acute angle to the longitudinal axis of the adjacent leg, each leg being provided with a slot inclined to the said axis for receiving one end of a paper roll spindle.

3. Holder for paper rolls or the like, constituting a U-shaped bail of band-iron and comprising a middle cross member, side legs bent in right angle thereto and end flanges bent in such a manner in right angle to the legs that the plane of each flange forms an acute angle to the longitudinal axis of the adjacent leg, each leg being provided with a slot so inclined to the said axis that it forms an acute angle of less value to the flange plane than the angle between the said axis and the said plane, said slot serving to receive one end of the paper roll spindle.

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