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2,632,606

TOILET PAPER ROLL HOLDER

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Fig. 1.

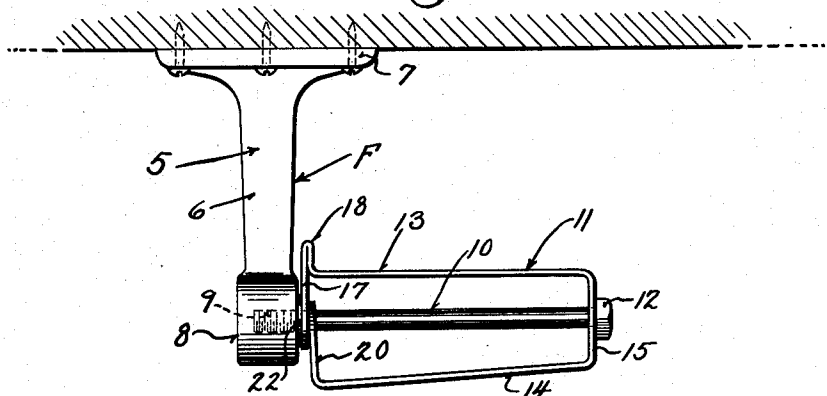


Fig. 2.

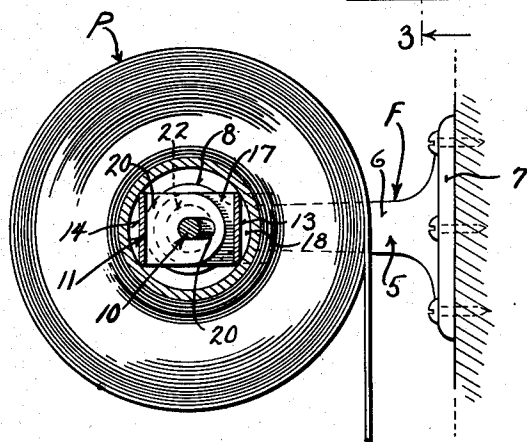
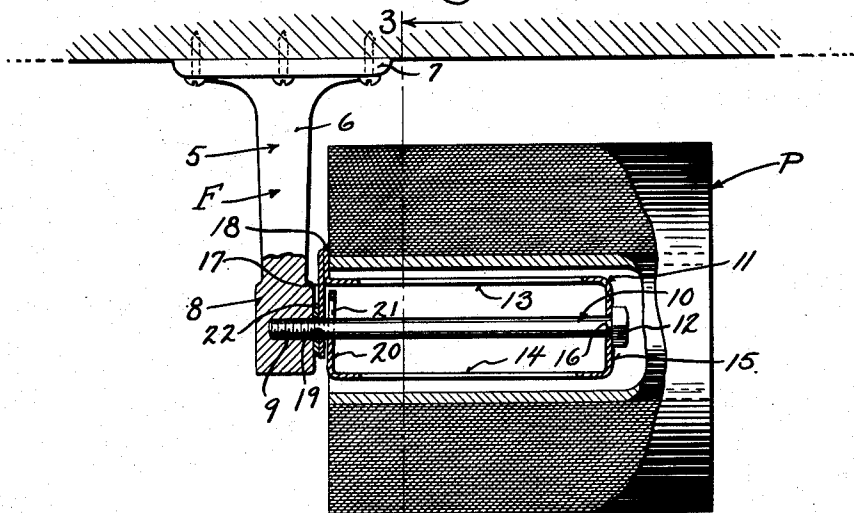


Fig. 3.

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TOILET PAPER ROLL HOLDER

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1 Claim. (Cl. 242—55.2)

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This invention appertains to the dispensing of sheets off of paper rolls, and more particularly to a novel bathroom fixture for detachably supporting a roll of toilet paper.

One of the primary objects of my invention, is to provide a bathroom fixture embodying a wall bracket and a rotatable hub thereon, including resilient legs over which the roll of toilet paper is sprung, the resilient legs firmly engaging the core of the roll to prevent accidental displacement of the roll and at the same time permit the easy placing of a roll on and off of the fixture.

Another salient object of my invention is the provision of means for limiting the insertion of the roll on the hub, so that the roll will not engage or become damaged by the supporting wall bracket.

A further important object of my invention is to provide a rigid shaft or rod carried by the wall bracket with a resilient hub rotatably mounted thereon, embodying a pair of inclined legs normally held apart by their inherent resiliency, one of said legs having its inner end slotted to receive the shaft, whereby the leg is guided thereon, said slotted leg being movable radially inward against its spring tension, upon the slipping of a roll on the hub for holding the roll detachably in place, the inward movement of the leg bringing an end wall of the slot into frictional engagement with the shaft or rod to prevent too-free rotation of the hub and roll, as paper is being pulled off of the roll.

A still further object of my invention is to provide a bathroom fixture of the above character, which will be durable and efficient in use, one that will be simple and easy to manufacture, and one which can be placed upon the market at a reasonable cost.

With these and other objects in view, the invention consists in the novel construction, arrangement and formation of parts, as well be hereinafter more specifically described and claimed, and illustrated in the accompanying drawing, in which drawing,

Figure 1 is a top plan view of my improved bathroom fixture.

Figure 2 is a similar view, showing a roll of toilet paper associated with the fixture, parts of the fixture and roll being shown broken away and in section.

Figure 3 is a sectional view taken on the line 3—3 of Figure 2, looking in the direction of the arrows.

Referring to the drawing in detail, wherein similar reference characters designate corre-

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sponding parts throughout the several views, the letter F generally indicates the novel fixture and the same includes a bracket 5, which is adapted to be secured to a wall, or other suitable support.

The bracket is preferably of an ornamental character, so as to present a pleasing and attractive appearance, and includes an arm 6 and a face plate 7. The face plate 7, is adapted to fit flat against the wall and is secured thereto, in any desired way. The outer end of the arm 6 can terminate in a circular head 8, and one side of the head 8 is provided with an internally threaded opening 9. Threaded into the opening 9 is a rod or shaft 10, which rotatably supports the novel hub 11 for detachably supporting a roll of paper P. The rod or shaft 10 can be in the nature of a bolt and hence the outer end thereof is provided with a polygonal shaped head 12.

The hub 11 is preferably formed from a single strip of spring metal bent into the desired shape, and this hub includes a pair of resilient legs 13 and 14 connected to their outer ends by a bridge wall or base 15. This connecting outer wall or bridge piece 15, is provided with a central opening 16, through which the shaft extends, as is clearly shown in Figure 2 of the drawing. The inner end of the leg 13 terminates in a right angularly extending arm 17, and it is to be noted that the arm is so folded during the fabrication thereof to provide a radially extending lug 18 which constitutes a stop for the inner end of the paper roll P, when the same is placed on the hub 11. The leg is provided with an opening 19, through which the shaft or rod 10 extends.

The inner end of the leg 14 is also provided with an inwardly directed angularly extending arm 20, and this arm is provided with a slot 21, through which the shaft or rod 10 extends. Due to the inherent resiliency of the leg 14, the same normally moves away from the leg 13, as shown in Figure 1, and the leg 14 is limited in its outward movement by the inner wall of the slot 21.

In assembling the fixture F, the shaft or rod 10 is inserted through the opening 16, slot 21 and opening 19, and is then threaded into the socket 9 of the head of the bracket. If desired, a wear washer 22 can be placed on the shaft between the head 8 of the bracket 5 and the arm 17 of the leg 13.

In use of my fixture, the roll of paper P is placed on the hub 11, and the core of the roll will force the leg 14 inwardly against the inherent resiliency thereof and the tension of this leg normally holds the paper roll P in place on the hub against accidental displacement. The roll is placed on the

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hub until the same contacts the stop lug 18. As the leg 14 is moved inwardly by the roll P, the inner wall of the slot 21 is urged into frictional engagement with the shaft or rod 10, and hence free rotation of the hub and roll is prevented. This effectively prevents undue rotation of the roll P when sheets of paper are pulled from off of the same. Obviously, when the paper off of the roll is exhausted, the core of the roll can be quickly and easily pulled off of the rod and a new roll substituted therefor.

From the foregoing description, it can be seen that I have provided an exceptionally simple and durable form of holder for a roll of toilet paper, which will effectively accomplish its intended purpose.

Changes in details may be made without departing from the spirit or the scope of my invention, but what I claim as new is:

A holder for a roll of toilet paper comprising a wall bracket, a laterally extending rigid shaft carried by the bracket, a hub rotatably mounted upon the shaft including a pair of flat legs, a bridge piece connecting the outer end of said legs, one of said legs having an inwardly directed arm and said arm and bridge piece having aligned

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openings for receiving the shaft, the other leg having an inwardly directed arm provided with a slot receiving the shaft, said shaft and hub terminating short of the outer end of the roll of toilet paper when the same is in place on the hub, and a radially extending lug on said first mentioned leg adjacent the inner end thereof for limiting the insertion of a roll of paper on the hub, said last mentioned leg being normally urged outward by its inherent resiliency from the other leg and shaft, said last mentioned leg being moved inwardly toward the first mentioned leg and shaft upon the placing of a roll of paper on the hub with the inner wall of said slot frictionally engaging the shaft when the same is moved inwardly to prevent free turning of the hub on the shaft.

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REFERENCES CITED

The following references are of record in the file of this patent:

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