Sept. 21, 1948. A. FOLTIS 2,449,598

TOILET PAPER HOLDER ATTACHMENT

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Fig. 1.

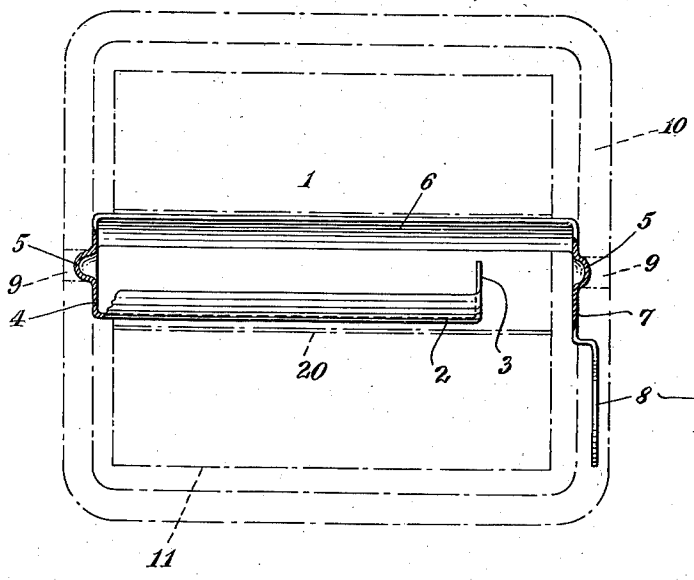


Fig. 2.

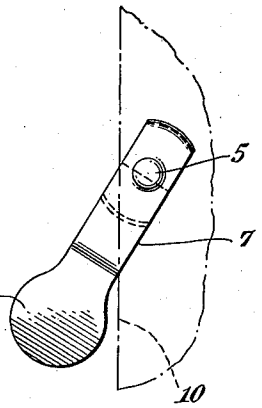


Fig. 3.

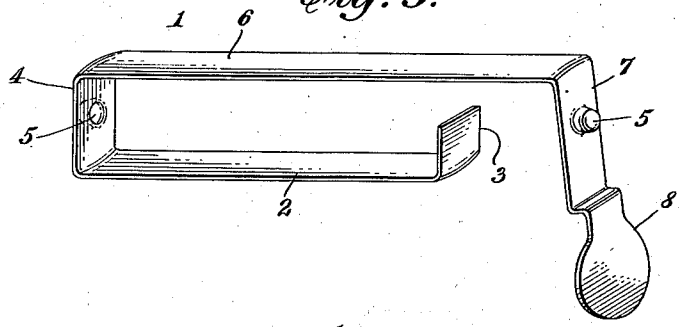
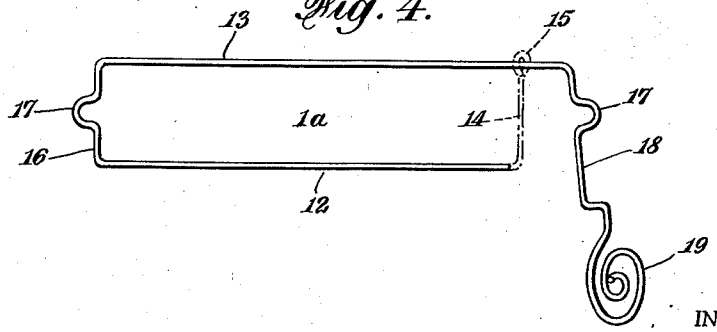


Fig. 4.



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Fig. 5.

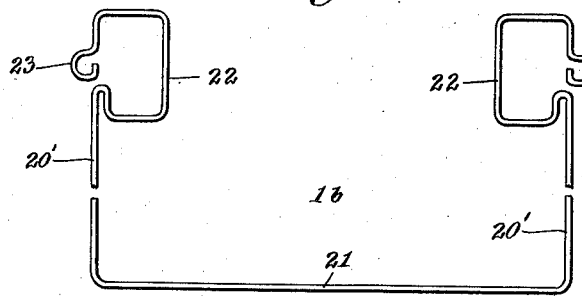


Fig. 6.

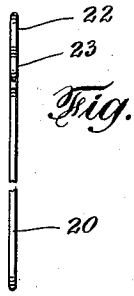


Fig. 7.

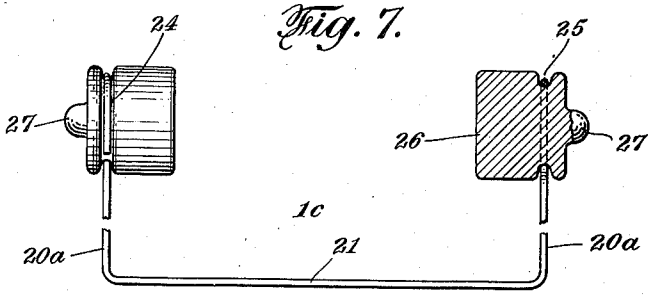


Fig. 8.

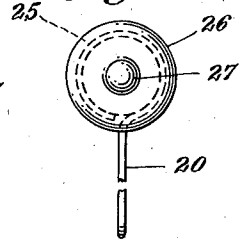


Fig. 9.

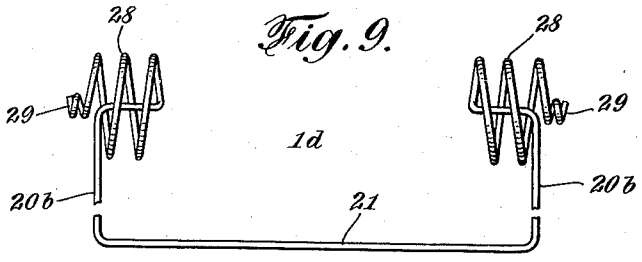


Fig. 10.

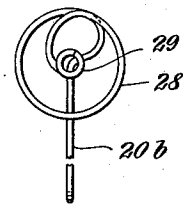


Fig. 11.

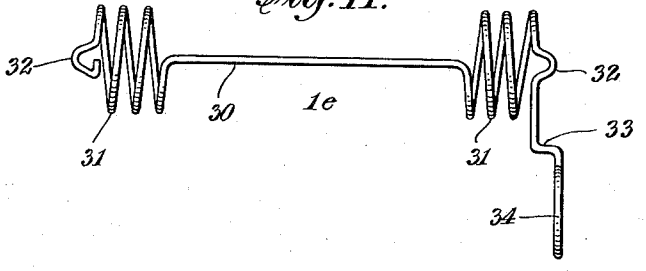
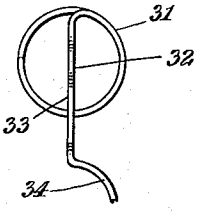


Fig. 12.



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TOILET PAPER HOLDER ATTACHMENT

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Application April 16, 1946, Serial No. 662,644

2 Claims. (Cl. 242—55.2)

1

The invention set forth herein is an improved holder and particularly a holder for a roll of paper, such as toilet paper; designed to enable a roll of such paper to be quickly mounted within easy reach so that it can be used as needed.

A roll of toilet paper is generally supported on a cylindrical member having a fixed projection at one end and a yieldable or depressible stud at the other end. The roll is wound on a cardboard cylinder and the supporting member is inserted into this cylinder so that the paper can be disposed in a recess or casing where it is kept to be unrolled and detached bit by bit till the roll is expended. The casing is built into the wall of the bathroom or other compartment having the toilet seat, tank and other equipment.

To put a roll into place, the depressible stud is pushed out into projecting position by a compressed spring, and when the paper is mounted in the casing, this stud must be retracted to enable the paper to be put into the casing or recess, and afterwards be supported with the projections in small bearings at the sides of the casing. With the holder constructed in the prevalent fashion, the task of putting the roll of paper into place is more or less difficult, and often entails much annoyance and discomfort, because of pinched fingers or even broken fingernails and other minor injuries.

It is important object of my invention to provide a holder which comprises a member of such character as to permit a roll of toilet paper to be mounted in the casing set up for it, with ease and safety; and which is simple and efficient in construction and capable of being produced at small expense.

On the accompanying drawings:

Figure 1 is a front view of a toilet paper holder according to my invention;

Figure 2 is an end elevation thereof.

Figure 3 is a perspective view showing one end of my improved holder;

Figure 4 is a similar view of another form of my invention;

Figure 5 is a side view, and Figure 6 an end view of one end, of another form of my invention;

Figures 7 and 8 are similar views of a further modification;

Figures 9 and 10 are similar views of still another modification; and

Figures 11 and 12 are similar views of a sixth embodiment of the invention.

My improved holder as a whole is shown at 1. It is in one piece and has the form of a flat bent strip, preferably of metal, one side 2 being bent

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up to serve as one end 3. The other end 4 has a bulge at the center, in line with the axis of the holder to make a stud 5. The opposite side 6 extends past the end 3 and is bent over across the end 3, to constitute an arm 7 which has a similar outward projecting axial stud 5, and terminates in a finger hold 8. The casing or recess 10 in the wall of wood, metal or tiling, has bearings 9 in its opposite sides. This holder has the shape of an open rectangular frame; and the arm 7 is flexible and resilient.

In order to put the roll of paper in the recess 10, one inserts the holder through the center of the roll 11 which is usually lined with a cardboard sleeve 20. One stud 5 at the left goes into the bearing 9 at one side of the recess or casing 10. At the same time, arm 7 and the other stud 9 are pressed towards the holder 1. The other stud 5 can thus be made to clear the adjacent side of the recess 10 till it comes into line with the adjacent bearing 9. The arm 7 is then released and it pushes the stud 5 it carries into the adjacent bearing 9. The whole operation is thus very easily managed with no trouble whatever.

The holder 1*a* of Figure 4 is in one piece and is made of stiff wire bent into a similar frame. One end 14 has a looped extremity 15 engaging the side 13 and from this end runs the side 12, bent transversely to make the end 16, having a bulge to provide a stud 17. The end 16 unites with the opposite side 13 which goes through the loop 15, and is bent across the end 14 to provide an arm 18 with similar stud or projection 17, and terminates in a finger hold 19. This holder is used in the same way as that of Figure 3.

The holder 1*b* of Figures 5 and 6 is made of a piece of wire bent into U-shape and is operated in the same manner. It has arms or parts 20' connected by a base 21. Each arm is bent at its end into a rectangular frame 22, at the outer sides of which are bent extremities of wire to constitute the studs or projections 23. The arms 20 are flexible and resilient to a sufficient extent to enable them to yield when the holder is slipped into the recess 11. One projection 23 goes into one bearing opening 9 and the other projection 23 gives when it comes into contact with the other side of the recess and snaps into the adjacent bearing as soon as it registers therewith.

The roll of paper H and sleeve 20' turn freely on the body 1 as the paper is unrolled.

In Figures 7 and 8, a U-shaped holder 1*c* made of resilient wire having a base 21 and arms 20*a* is illustrated. The ends of the arms 20*a* termi-

nates in loops **24** received in grooves **25**, encircling and supporting plugs **26** of any suitable material, and having studs **27** to enter the bearings **9**.

Figures 9 and 10 show a U-shaped holder **1***d* of resilient bent wire, with a base **21** having arms **20***b*. These arms are bent at their ends into spiral coils **28**, extending inward, and having outward projecting coiled ends to make studs **29**.

In the forms depicted in Figures 5 to 10 inclusive, the frames **22**, plugs **26**, and coils **28** go into opposite ends of the sleeve **20**, and the base **21** remains outside the roll **11** with the side arms of the holder at each end of the roll. The base **21** can be pushed into the recess under or over the roll **11** if desired, after the holder engages the ends of the sleeve **20**.

In Figures 11 and 12 the holder **1***e* is in the form of a straight rod or wire **30**, with coils **31** at the ends, and the extremities of the coils are bent into projections or studs **32**. The wire extends beyond one of these studs to provide an arm **33** with a finger hold **34**, like the arm **7** and its terminus **8** in Figure 1. It is inserted into a paper roll and mounts it in the same fashion.

The paper holder as above described is a very handy fixture and eliminates all of the inconvenience heretofore encountered in installing a device of this type. It is quite simple and requires no effort to operate as required, and very inexpensive to manufacture. And while I have described some preferred embodiments, I am not limited to the actual structure shown, but may adopt variations in shape, size and arrangement of parts without deviating from the principle of the invention as defined in the appended claims.

Having described my invention, what I believe to be new is:

1. A holder for a hollow roll of paper, comprising a body to support said roll, said body having the form of an elongated flat piece of metal bent at several points, and having parallel overlapping sides, said body having transverse supporting parts at each end, one of said parts connecting said sides, said parts having projections in line with the axis of the holder, one of said parts being flexible and resilient, and extending laterally beyond the body and having a free extremity.

2. A holder for a roll of paper, comprising a body for insertion into said roll, said body being made of a flat strip of metal having the form of a rectangular frame, one side of which overlaps the other adjacent one end, with a projection at the opposite end extending axially outward, said overlapping side having an elongated part at the first-named end bent thereover to provide an arm and another axially extending projection, said arm being extended and having a free extremity, the axial projections being adapted to support the holder in alined bearing openings.

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