A. J. FARRELL.

PAPER HOLDER.

APPLICATION FILED OCT. 18, 1916.

1,229,430. Patented June 12, 1917.

Fig 1

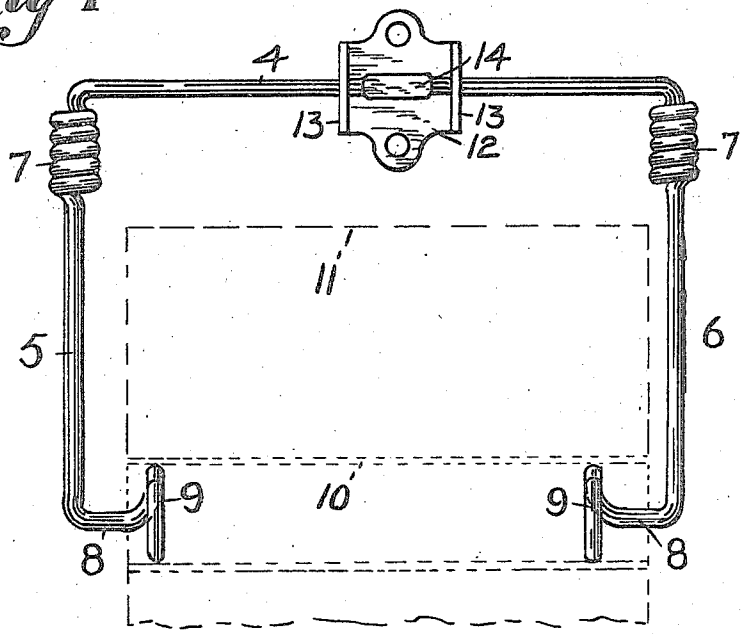


Fig. 2

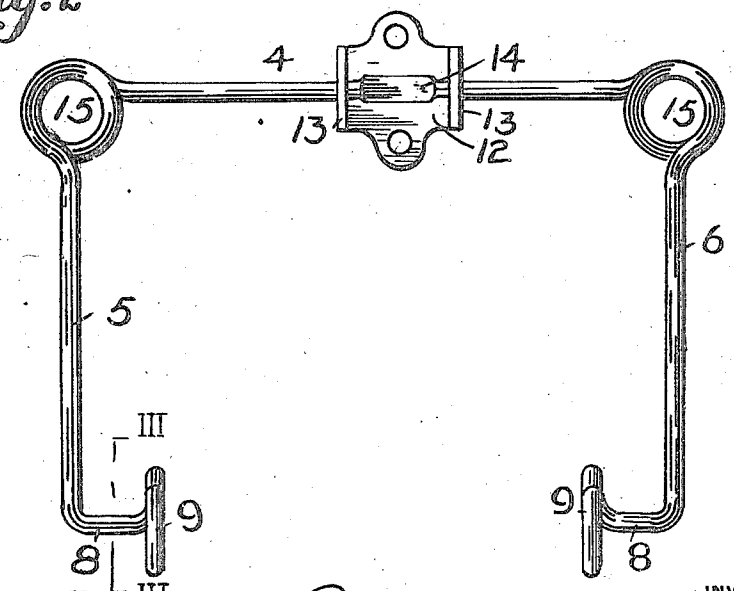


Fig. 3



WITNESSES,

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PAPER-HOLDER.

1,229,430. Specification of Letters Patent. Patented June 12, 1917.

Application filed October 18, 1916. Serial No. 126,307.

To all whom it may concern:

Be it known that I, ARTHUR J. FARRELL, a citizen of the United States of America, residing at Pittsburgh, county of Allegheny, and State of Pennsylvania, have invented certain new and useful Improvements in Paper-Holders, of which the following is a specification.

This invention relates to paper holders especially designed for holding rolls of toilet paper, and has for its object to provide a holder of such class, in a manner as hereinafter set forth, with means that can be readily and quickly sprung into and out of engagement with the ends of a roll of paper for suspending or for removing the roll from the support to which the holder is attached, and further at the same time not interfering with the revolving of the roll of paper mounted in the holder when withdrawing the paper off the roll.

Further objects of the invention are to provide a toilet paper holder which is simple in its construction and arrangement, strong, durable, efficient and convenient in its use, readily attached to a support, and inexpensive to manufacture.

With the foregoing and other objects in view the invention consists of the novel construction, combination and arrangement of parts, as hereinafter more specifically described and illustrated in the accompanying drawing, wherein is shown an embodiment of the invention, but it is to be understood that changes, variations and modifications can be resorted to which come within the scope of the claim hereunto appended.

In the drawings wherein like reference characters denote corresponding parts throughout the several views:—

Figure 1 is a top plan view of a roll paper holder in accordance with this invention and further showing in dotted lines a roll of paper supported by the holder.

Fig. 2 is a like view of a modified form.

Fig. 3 is a section on line 111—111, Fig. 2.

Referring to Fig. 1 of the drawings the holder consists of a yoke-shaped element formed from a length of cylindrical metallic stock and said element includes an intermediate portion 4, a pair of arms 5, 6, and a resilient coupling portion 7 interposed between the arms 5, 6, and the intermediate portion 4 and further formed integral with said intermediate portion 4 and said arms 5, 6.

The resilient coupling portion 7 is formed by bending the stock in the form of a coil spring which is disposed horizontally and at right angles with respect to the intermediate portion 4.

Each of the arms 5, 6, has its outer or free end bent inwardly at right angles with respect to the arm as indicated at 8. The inner portion of the angular end 8 curves upwardly and terminates in a vertically disposed circular loop 9, the latter surrounds the inner terminus of said angular end 8. The circular loop 9 provides a bearing for one end of a hollow shaft or cylinder 10 of the paper roll 11. The angular ends 8 of the arms 5, 6, project toward each other.

The reference character 12 denotes a bracket for connecting the element to a support and the bracket is formed with a pair of flanges 13 having openings for the passage of the intermediate portion 4. To arrest the shifting of said intermediate portion 4, in either direction, with respect to the bracket 12 a lug or enlargement 14 is provided centrally of the intermediate portion 4.

The resilient coupling portion 7 enables the arms 5, 6, to be sprung away from each other, or to permit of one arm being sprung away from the other, to provide for the mounting of a roll of paper in the holder or for the removal of the cylinder or shaft 10.

The construction shown in Figs. 2 and 3 is the same as that illustrated in Fig. 1, with this exception, that the resilient coupling portions which are indicated at 15 are disposed vertically and not horizontally as shown in Fig. 1. Otherwise than that as stated the construction is the same and reference characters similar to that employed in Fig. 1 are used in connection with Figs. 2 and 3.

What I claim is:

A roll paper holder comprising a yoke-shaped element including an intermediate portion and a pair of arms each having its free end bent inwardly at an angle, said angular end having its free terminus merg-

ing into a vertically disposed circular loop surrounding said inner terminus, said loop providing bearings for a roll of paper, said element further having inherent means to permit of an arm being sprung away and toward the other of the arms, said inherent means being in the form of a coil extending in a direction of the length of the arm and forming a continuation of the intermediate portion of the arm.

In testimony whereof I affix my signature in the presence of two witnesses.

ARTHUR J. FARRELL.

Witnesses:

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