

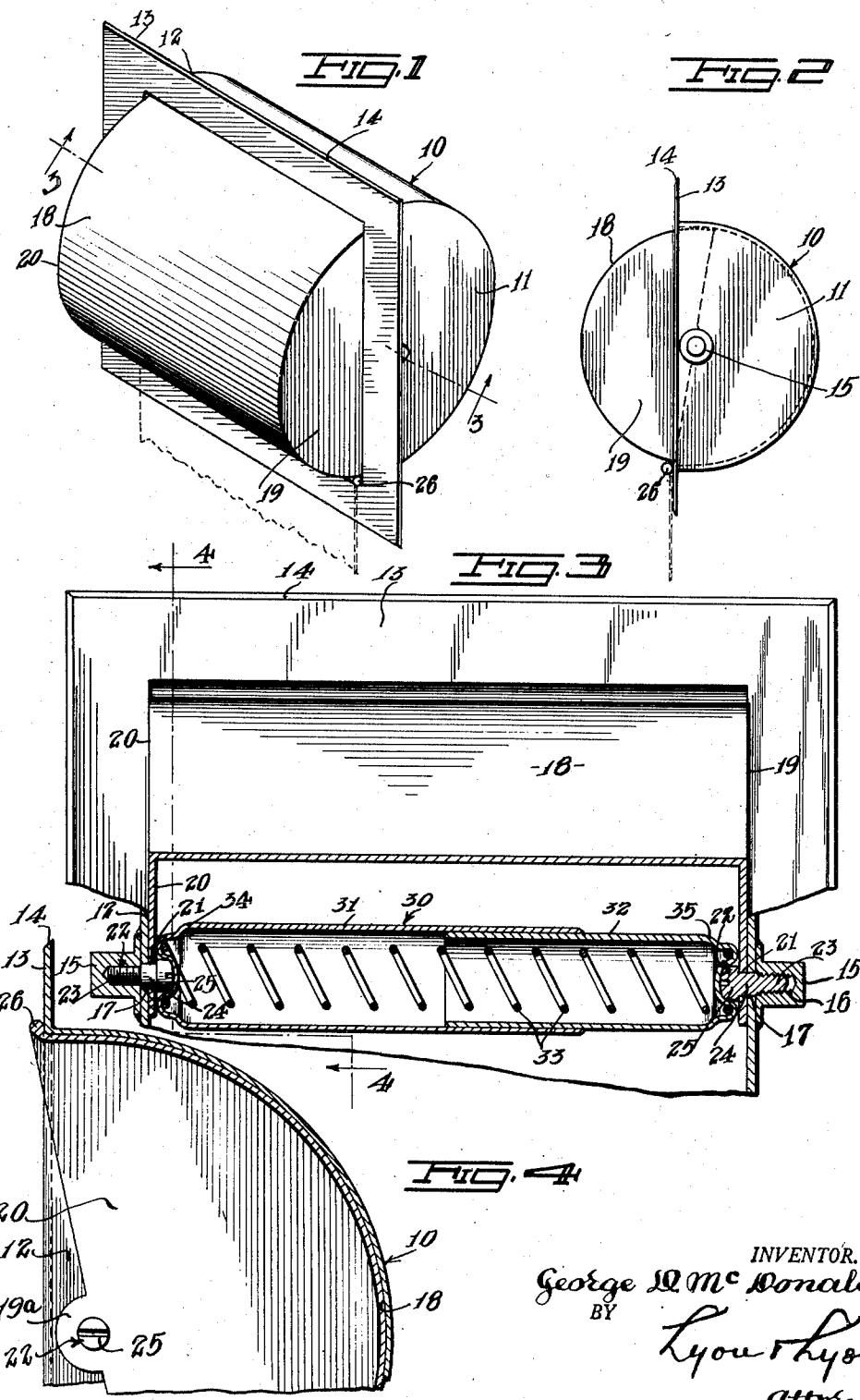
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TOILET PAPER HOLDER

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TOILET PAPER HOLDER

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4 Claims. (Cl. 242—55.2)

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This invention relates to bathroom fixtures and more particularly to a toilet paper holder of the type generally found embedded in the wall of the bathroom.

It is one object of this invention to provide a toilet paper holder of the class described which is simple, attractive and easy to install which is provided with a closure member adapted to normally cover the opening in the holder.

It is another object of this invention to provide a toilet paper holder of the type described embodying a pivoted closure member and novel pivot means for both the closure member and the central rod.

These and other objects and advantages will be apparent from the annexed specification in which:

Figure 1 is a perspective elevation of a device embodying the present invention.

Figure 2 is an end view of the device shown in Figure 1.

Figure 3 is a section taken on the line 3—3 of Figure 1.

Figure 4 is a section taken on the line 4—4 of Figure 3.

Referring now more particularly to the drawings, the device is shown as comprising a shell member 10 which is essentially a hollow cylinder having one side or edge cut away. It will be apparent that this results in end pieces 11 and 12 each of which is a section of a circle greater than a semicircle. This fact is expressed hereinafter in the specification and claims as constituting a major section of a circle.

A rectangular flange 13 is provided which extends perpendicular to the end pieces 11 and 12 and normal to the shell member 10 at the edges of each of them respectively. As shown, the flange 13 is provided with a beveled edge 14.

Each of the end pieces 11 and 12 has brazed or soldered thereto a post 15 which is internally threaded as at 16. The posts 15 are aligned with holes 17 formed at the center of curvature of the end pieces 11 and 12 respectively.

A closure member 18 is provided which is a substantially semicylindrical member having semicircular end pieces 19 and 20. The end pieces 19 and 20 are provided with hubs 19a and holes 21 aligned with the holes 17 and screws 22 having threaded portions 23 and cylindrical collars 24 are provided. The screws 22 are adapted to threadedly engage the threads 16 of the posts 15 and are provided with rounded heads 25.

At its lower edge the closure 18 is provided with a bead 26, which bead 26 is adapted to engage

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the flange 13 in its closed position as shown in Figure 2 to limit downward movement of the closure but it will be equally apparent that the bead 26 will also engage the upper portion of the flange 5 when the closure is in full open position as shown in Figure 4.

A rod 30 is provided in the form of two telescoping hollow cylinders 31 and 32 containing a coil spring 33 therein. This member is conventional with the exception that the end pieces 34 and 35 are dished to form bearings adapted to removably engage the rounded heads 25 of the screws 22 as clearly shown in Figure 3.

From the foregoing description it will be apparent that the shell 10 may be installed in the conventional manner by a carpenter in the wall of the bathroom after which the closure member 18 can be inserted and assembled with the screws 22 threadedly engaging the posts 15 after which the rods 30 may be installed in the conventional manner. It will thus be seen that the entire device is simple, economical in construction and easy to install.

While there has been described what is at present considered a preferred embodiment of the present invention, it will be appreciated by those skilled in the art that various changes and modifications can be made therein without departing from the essence of the invention and it is intended to cover herein all such changes and modifications as come within the true spirit and scope of the appended claims.

I claim:

1. A toilet paper holder comprising: a shell having the form of a cylinder having one side cut away on a minor chord; said shell having end pieces in the form of a major section of a circle; a rectangular flange extending perpendicular to the edges of said shell and end pieces; a substantially semicylindrical closure member having a radius slightly smaller than the inside radius of said shell; said closure member being mounted concentrically with said shell and pivoted to swing from a position substantially wholly within said shell to a position extending outwardly of said shell and covering the opening in said shell.

2. A device as set forth in claim 1 including internally threaded members mounted on each of said end pieces at the center of curvature thereof; a screw for each of said threaded members adapted to extend through holes in said end pieces and aligned holes in said closure member; said screws each having a cylindrical portion

forming a bearing for said closure member and an enlarged head.

3. A device as set forth in claim 2 in which said enlarged heads of said screws are rounded and which includes a rod comprising two telescoping tubes and a coil spring mounted therein, each of said tubes having a dished end adapted to removably seat on said rounded screw ends.

4. A device as set forth in claim 1 in which said closure member is provided with a bead on its outwardly extending edge adapted to engage said flange in either open or closed position and limit movement of said closure member.

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