J. J. MYLCHREEST.

TOILET PAPER HOLDER.

APPLICATION FILED OCT. 10, 1916.

1,326,085. Patented Dec. 23, 1919.

Fig. 1.

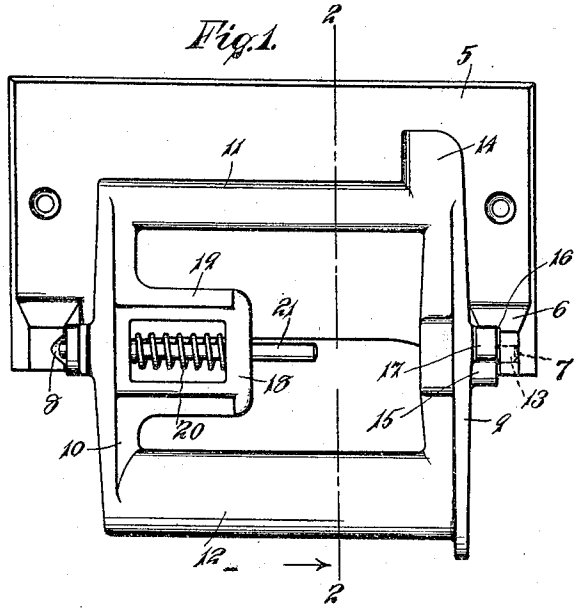


Fig. 2.

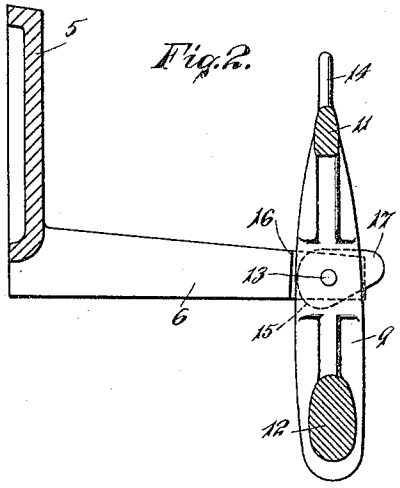


Fig. 3.

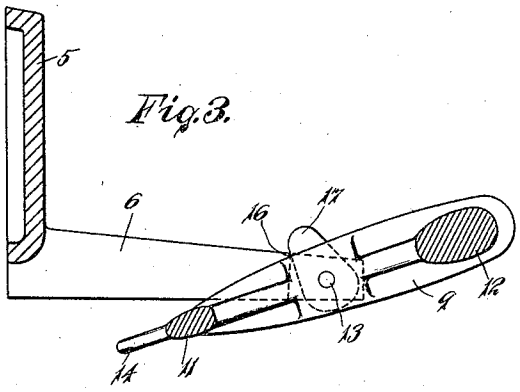
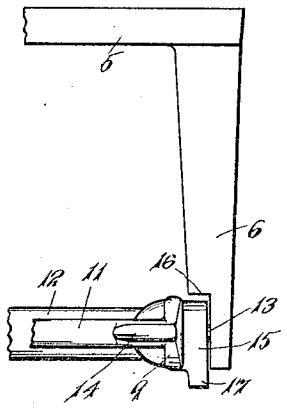


Fig. 4.



INVENTOR.

John J. Mylchreest,

BY

Arthur B. Jenkins,

ATTORNEY.

UNITED STATES PATENT OFFICE.

JOHN J. MYLCHREEST, OF MIDDLETOWN, CONNECTICUT.

TOILET-PAPER HOLDER.

1,326,085. Specification of Letters Patent. Patented Dec. 23, 1919.

Application filed October 10, 1916. Serial No. 124,768.

To all whom it may concern:

Be it known that I, JOHN J. MYLCHREEST, a citizen of the United States, residing at Middletown, in the county of Middlesex and State of Connecticut, have invented a new and Improved Toilet-Paper Holder, of which the following is a specification.

My invention relates to the class of devices herein named, and an object of my invention, among others, is to provide a device of this class that shall be simple in construction, that may be produced at a minimum expense, and yet, at the same time, shall be sufficiently strong to serve its purpose.

One form of device embodying my invention and in the construction and use of which the objects herein set out, as well as others, may be attained, is illustrated in the accompanying drawings, in which—

Figure 1 is a view in front elevation of my improved holder in the position occupied when attached to a support.

Fig. 2 is a view in cross section on plane denoted by dotted line 2—2 of Fig. 1.

Fig. 3 is a detail view showing the operation of the stop.

Fig. 4 is a detail view of a portion of the device illustrating the construction of the stop.

In the accompanying drawings the numeral 5 denotes the base of my improved holder that will be provided with any suitable means for attachment to a support and that has arms 6 extending therefrom at or near each edge in position to receive the reel upon which a roll of paper is supported. Journal recesses 7 are formed near the outer ends of each of the arms, a groove 8 at the end of one of the arms leading into the recess to aid in placing the bearings.

The reel embodies a frame, preferably formed of cast metal, and comprising end bars 9—10 and cross bars 11—12. A pintle 13 extends from the end bar 9 into a recess in one of the arms 6 to support the frame at this end, and a lug 14 projects from one end of this end bar beyond the edge of the cross bar 11, as shown in Fig. 1 of the drawings, resting in a notch in the edge of the roll of paper.

A hub 15 is formed on the outer side of the end bar 9, this hub being eccentrically formed with respect to the pintle 13. The arm 6 that supports this end of the reel is recessed at its outer end forming a stop shoulder 16, and the hub 15 extends into this recess, as shown in Fig. 4 of the drawings, and when the reel is in its normal position the nose 17 of the eccentric will be in the position shown in Figs. 2 and 4 of the drawings, and as the reel is rotated in either direction the nose will strike the edge of the stop shoulder 16, as shown in Fig. 3 and stop its movement in that direction.

It will be understood that a roll of paper placed upon the reel is provided with tearing lines consisting of notches cut into opposite edges or lines of holes extending across the strip, and as the end of the paper is drawn downwardly the nose 17 comes in contact with the stop shoulder 16 which will stop rotation of the reel in proper position to permit a piece of paper to be torn off.

A pintle support projects from the inner edge of the end bar 10, this pintle support including a frame like structure embodying a cross piece 18 extending across and preferably formed integral with posts 19 projecting from the edge of the end bar 10. In the preferred form of construction this pintle supporting frame is made integral with the reel, the whole being cast to shape. The cross piece 18 is spaced from the end bar 9, being preferably located as near as possible to the end bar 10, this location being governed by the presence of a spring 20 located upon a movable pintle 21 extending through the cross piece 18, the end bar 10 and into the recess 7 in the post at this end of the structure. The spring 20 thrusts with one end against a shoulder on the pintle 21 and with its opposite end against the cross piece 18 and the pintle 21 projects into the space between the cross piece and the end bar 9, so that ample opportunity is provided to grasp the pintle and withdraw it from its recess when it is desired to remove the reel from its support.

The structure is such that a minimum amount of metal is employed in its construction, the reel is, therefore comparatively light, and the support for the pintle 21 is so constructed that the latter may be operated, and the construction of the stop device embodying the stop shoulder 16 and the eccentric 15 with its nose 17 is such as to be extremely simple and at the same time strong and durable.

In accordance with the provisions of the patent statutes, I have described the principle of operation of my invention, together with the device which I now consider to rep-

resent the best embodiment thereof; but I desire to have it understood that the device shown is only illustrative, and that the invention can be carried out by other means.

I claim—

A paper support including a base, arms projecting from the base, a reel supported in bearings in the ends of said arms, said reel comprising end bars and cross bars, a pintle support constituting a spring inclosing frame projecting from one of the end bars and spaced from the opposite end bar, said frame being spaced from the cross bars of the reel to afford finger space for the operation of the pintle, a spring located in the inclosure constituted by said frame, and a pintle movably supported in a cross piece of the frame and an end bar of the frame in position to engage a bearing in one of said posts.

JOHN J. MYLCHREEST.