C. H. EDWARDS.

ROLL HOLDER.

APPLICATION FILED MAR. 17, 1917.

1,269,411. Patented June 11, 1918.

Fig. 1.

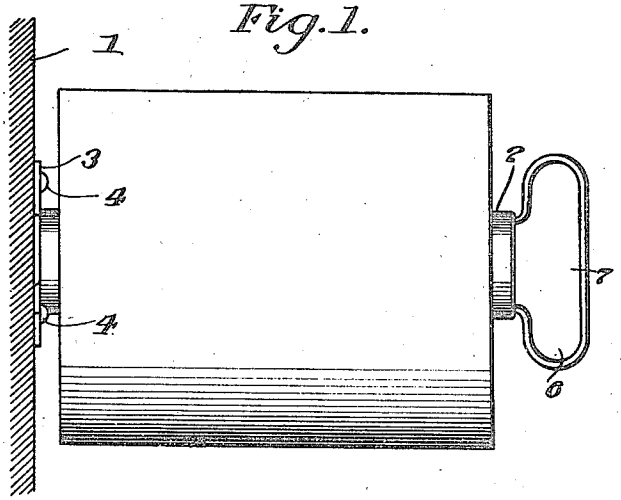


Fig. 2.

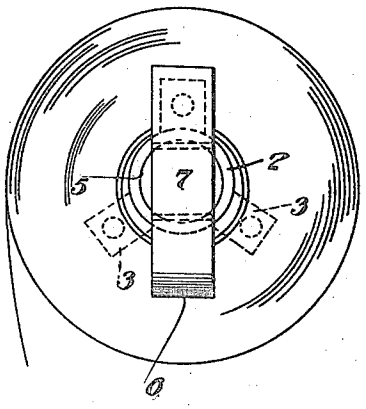


Fig. 3.

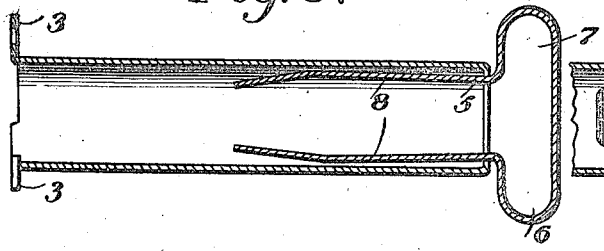


Fig. 4.

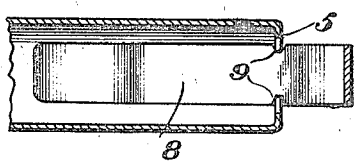
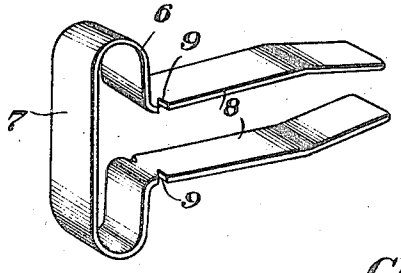


Fig. 5.



WITNESSES

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ROLL-HOLDER.

1,269,411. Specification of Letters Patent. Patented June 11, 1918.

Application filed March 17, 1917. Serial No. 155,505.

To all whom it may concern:

Be it known that I, CHARLES H. EDWARDS, a citizen of the United States, residing at Saginaw, in the county of Saginaw and State of Michigan, have invented new and useful Improvements in Roll-Holders, of which the following is a specification.

This invention comprehends improvements in roll holders especially adapted for holding the rolls of toilet paper and has for one of its objects the provision of a fixture for this purpose which may be easily operated to attach thereto or remove therefrom a roll of paper by the use of one hand only.

Another and more specific object of the invention is to provide a roll holder consisting of a tubular shaft or spindle having laterally extending attaching ears formed on one end thereof to which fasteners may be extended to secure the shaft or spindle at right angles to a support, and a head removably engaged with the free end of the shaft or spindle.

The invention also aims to generally improve devices of this nature to render them more practical, useful and commercially desirable.

With these and other objects in view as will become more apparent as the description proceeds, the invention consists in certain novel features of construction, combination and arrangement of parts as will hereinafter be more fully described, illustrated and claimed.

In the drawing,

Figure 1 is a side elevation showing my improved roll holder attached to a support and carrying a roll of paper.

Fig. 2 is an end view of the same.

Figs. 3 and 4 are longitudinal sectional views through the holder, and

Fig. 5 is a perspective view of the head of the holder.

Referring in detail to the drawings by numerals, 1 designates a suitable base such as a wall to which the roll holder may be secured. The holder includes a tubular shaft or spindle 2 which may be rolled from sheet metal and which is provided upon one end with the laterally extending ears 3 through which fasteners 4 extend to secure the member to its support. The outer end of the spindle 2 is formed with an inturned circular flange 5 for a purpose to be hereinafter explained.

A head 6 having a body 7 in the form of an open elongated loop or bail is provided for attachment to the free end of the spindle to hold a roll of paper thereon. A pair of substantially parallel attaching arms 8 are formed integral on the head 6 adjacent the ends of the body and are adapted to be inserted in the hollow spindle. The arms are formed in their lateral edges adjacent the body with locking notches which are adapted to spring into locking engagement with the circular flange 5 and hold the head from accidental detachment from the spindle. The head is formed of spring metal and the arms are so spaced that a slight pressure on the body of the head will force them together sufficiently far to allow of their easy insertion into or removal from the spindle.

When it is desired to place a roll of paper on the holder, the head may be squeezed longitudinally between the forefinger and thumb of the operator to spring the notches in the arms out of engagement with the circular flange whereupon the head may be detached from the spindle. The roll is then slipped into position and the arms forced back into place and when they reach the limit of their inward movement, their notches will automatically spring into locking engagement with the circular flange 5. To make it easier to insert the arms into the spindle, I bend the free extremities of the former slightly toward each other as shown.

From the foregoing description taken in connection with the accompanying drawings it will be apparent that I have provided an extremely simple and practical holder for paper rolls which may be cheaply manufactured and which may be operated for the attachment or detachment of a roll by using only one hand.

While I have shown and described the preferred embodiments of my invention, it will be clearly understood that I do not wish to be limited to this construction, but may make such changes as will fall within the scope and spirit of the invention as claimed.

What I claim is:—

A roll holder comprising a tubular spindle provided at its end with an inturned flange, a spring member consisting of a strip of

material having an open head portion which is of greater diameter than the spindle, said member also being provided with arm portions insertible in the spindle and which are provided at their opposite edges and adjacent the head with notches adapted to receive the flange of the spindle whereby the said member is held in contact with the spindle, the enlarged head portion of the member being compressible whereby the notches of the arms of the member may be disengaged from the flange of the spindle.

In testimony whereof I affix my signature.

CHARLES H. EDWARDS.