

UNITED STATES PATENT OFFICE.

GEORGE W. WEBSTER, OF CHICAGO, ILLINOIS; MARIA L. WEBSTER
EXECUTRIX OF SAID GEORGE W. WEBSTER, DECEASED.

ROLL-PAPER HOLDER.

SPECIFICATION forming part of Letters Patent No. 757,373, dated April 12, 1904.

Application filed February 13, 1902. Renewed November 23, 1903. Serial No. 182,407. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. WEBSTER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Roll-Paper Holders, of which the following is a specification.

The object of this invention is the production of a roll-paper holder embodying strength, simplicity, and cheapness of manufacture.

A further object is the production of a holder that may conveniently be crated for shipment fully assembled.

In the accompanying drawings, Figure 1 is a side elevation of a multiple-roll roll-paper holder embodying the features of my invention. Fig. 2 is a similar view of a single-roll roll-paper holder. Fig. 3 is a vertical central section through one of the feet of this paper-holder. Fig. 4 is a vertical central section through the securing means between the frames of two holders in vertical series. Fig. 5 is a sectional view of the two-part sleeve for making this connection. Fig. 6 is a longitudinal vertical section through one of the feet of the holder. Fig. 7 is a fragmental perspective view showing the support for the shaft upon which the roll of paper is mounted. Fig. 8 is a transverse vertical section through the paper-cutting blade and one of its supporting-arms, showing the means for securing the blade to the arm. Fig. 9 illustrates the engagement between the upper end of the rods for supporting the cutter-bar and the frame.

In the construction of a roll-paper holder embodying my invention I provide a supporting-frame A, composed of a metallic tube bent substantially in inverted-U form. The frame for the multiple-roll paper-holder illustrated in Fig. 1 is made up of two of these tubular frames secured together in vertical arrangement. The ends of the tube constituting the frame are filled with plugs A', of wood or other suitable material, held in position by turning over and inward the end of said tube. The frame A is also supplied on its inner side and at its angles with openings A², also about mid-way of the height of the frame, with the open-

ings A³ in opposite sides of the tube, into which latter openings are sprung the ends of a wire bracket A⁴, which provides a support and container for the ends of the shaft (not shown) upon which the paper-roll is mounted. These brackets have the inwardly-projecting portion A⁵ adapted to bear against the tube of the frame A and hold the bracket in position. This completes the description of the frame employed in the simple form of paper-holder shown in Fig. 2. The frame of the holder shown in Fig. 1, however, has in addition openings A⁶ extending through the upper bar of said frame, providing means for securing one frame above another and for inserting an extra or intermediate tube within the lower frame.

To secure the frame A to a counter or other support, I provide the feet B, having the usual screw-holes B', the socket B² of a diameter slightly greater than that of the tubing constituting the frame A, and the hole B³ through the lower wall of said socket. These feet are secured to the frame A by screws B⁴, which pass through the opening B³ and into the wooden plugs A' within the lower end of the arms of the frame A.

In multiple-roll holders arranged in vertical series each frame above the lower one is provided with a two-part sleeve C, the upper part of which sleeve has a socket C' with a hole C² in the lower wall thereof and the other member of said sleeve is provided with a hole C³ coincident with the hole C². A screw C⁵, passing through the holes C² and C³, also through the coincident holes A⁶, through the upper bar of the frame, enters the plug A' and clamps the two parts of said sleeve upon the upper bar of the next lower frame.

A cutter-bar D is supported by two rods D', which rods turn outward at their upper ends and enter the openings A² in the frame A. A coil-spring D² surrounds the horizontal portion of each of said rods, the outer end of said coil being small enough in diameter to tightly frictionally engage its supporting-rod. The inner end of each of said springs extends at a tangent to the coils thereof and entering a small opening in the upper bar of the tubular

frame A assists in supporting the cutter-bar D. The tendency of the springs is to hold the cutter-bar against the roll of paper (not shown) supported within the frame. The lower ends of the rods D' are cut half away excepting two projections D³, and the bar is provided with two openings adapted to receive said projections. The outer ends of the projections are riveted against the inner face of the bar, securing the rods and the bar firmly together. The upper edge of the cutter-bar D is reinforced by being folded over upon itself at this point.

In Fig. 1 a multiple-roll holder is shown, wherein two rolls are rotatably mounted in the lower frame and one roll in a frame above. In this construction a middle tube E is provided, having connection with the upper bar of the lower frame by means of a two-part sleeve C and supported at its lower end upon a foot B. The brackets A⁴ are inserted in openings in said tube in the same manner as in the openings in the arms of the frame A. The side walls of the socket C' for this intermediate tube are cut away to permit the insertion of the ends of the rods D' and their springs D². In packing this paper-holder for shipment the screws B⁴ are loosened slightly and the feet B turned sidewise—that is to say, into a plane with the frame A.

It is apparent that many changes in the form and arrangement of the several parts herein described might be made without departing from the spirit and scope of my invention, wherefore I desire to have it understood that I do not limit myself to the precise details of construction herein illustrated, although I consider the form shown and described to be the preferable form.

I claim as my invention—

1. In a roll-paper holder, in combination, an integral U-shape supporting-frame of tubular construction, said frame being provided near

its angles and on its inner side with two opposite openings; a cutter-bar; rods secured to said cutter-bar, extending into the openings in said frame; a spring having an engagement with one of said rods and with said frame; and brackets secured to said frame on opposite sides of the inner face thereof, for supporting the shaft upon which the paper-roll is mounted.

2. In a roll-paper holder, in combination, an integral supporting-frame composed of a tube of substantially inverted-U form, said frame being provided with openings near its angles; a cutter-bar; rods secured to said cutter-bar and extending into the openings near the angles of said frame; a spring surrounding one of said rods and having an engagement with said frame; brackets secured to said frame for supporting the shaft upon which the paper-roll is mounted; and supporting-feet having sockets for receiving the ends of said tubular frame.

3. In a roll-paper holder, in combination, an integral U-shape frame of tubular construction, having openings near its angles and on its inner side; a cutter-bar; rods secured to said cutter-bar extending into the openings in said frame; a spring having an engagement with one of said rods and with said frame; brackets on said frame for supporting the shaft upon which the paper-roll is mounted, each of which brackets is formed from a single piece of wire bent in U form, the ends of which wire are adapted to enter openings in the tube of said frame; plugs constituting nuts in the ends of the tube forming said frame; supporting-feet having sockets adapted to receive the ends of said tube; and screws passing through said feet into said plugs.

GEORGE W. WEBSTER.

Witnesses:

L. L. MILLER,

GEO. L. CHINDAHL.

It is hereby certified that the name of the administratrix in Letters Patent No. 757,373, granted April 12, 1904, for an improvement in "Roll-Paper Holders," was erroneously written and printed "Maria L. Webster," whereas the said name should have been written and printed *Marie L. Webster*; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 10th day of May, A. D., 1904.

[SEAL.]

E. B. MOORE,
Acting Commissioner of Patents.