Dec. 26, 1922. 1,440,043.

S. L. WRIGHT.

MAIL BOX SUPPORT.

FILED APR. 21, 1922.

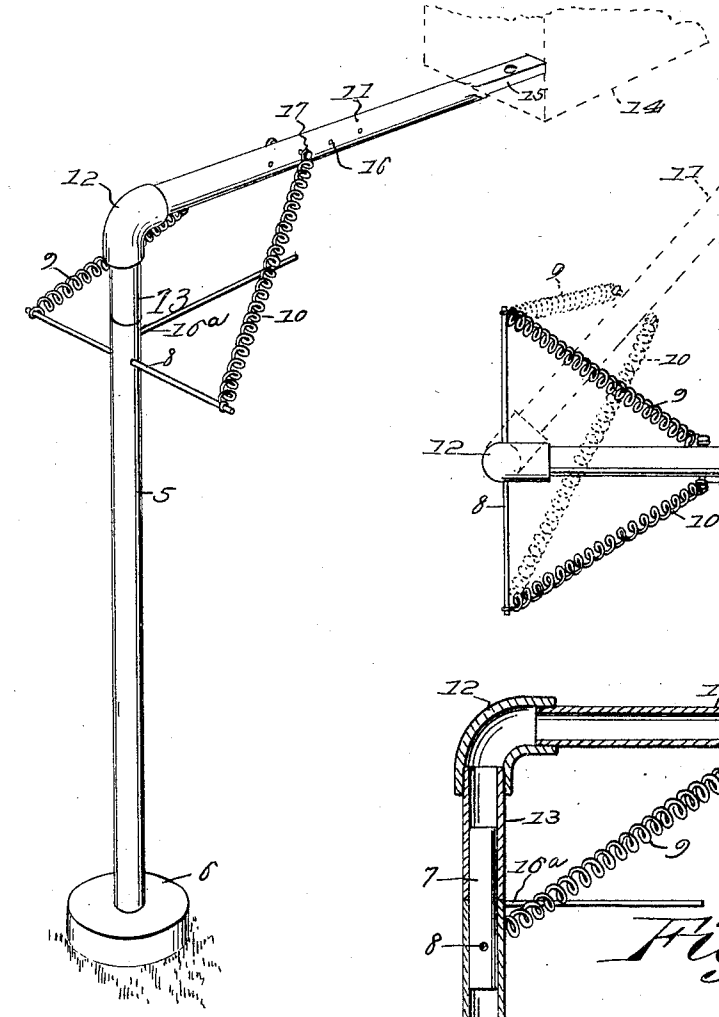


Fig. 1.

Fig. 2.

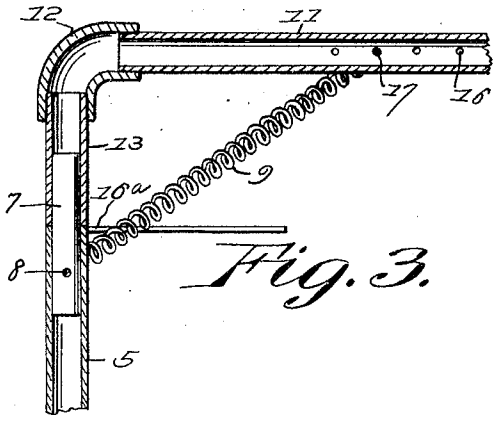


Fig. 3.

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UNITED STATES PATENT OFFICE.

SHERMAN L. WRIGHT, OF CLAY CITY, INDIANA.

MAIL-BOX SUPPORT.

Application filed April 21, 1922. Serial No. 555,919.

To all whom it may concern:

Be it known that I, SHERMAN L. WRIGHT, a citizen of the United States of America, and resident of Clay City, in the county of Clay and State of Indiana, have invented certain new and useful Improvements in Mail-Box Supports, of which the following is a specification.

This invention relates to posts or masts for holding rural mail boxes, and it has for an object the provision of novel means whereby the mail box is supported on a distended arm, which arm is capable of oscillatory motion in order that the box may be moved upon its being struck by any object, a condition which will prevent fracturing the device or impairing its utility.

It is a further object of this invention to provide novel means by which the arm is held in certain position with relation to the post or support, so that the mail box will be presented at convenient locality for the insertion or removal of mail.

It is a further object of this invention to produce an arm which is oscillatably mounted, associated with novel means for permitting the arm to move, while at the same time it has means for returning the arm to normal position, regardless of the direction in which it is oscillated.

With the foregoing and other objects in view, the invention consists in the details of construction, and in the arrangement and combination of parts to be hereinafter more fully set forth and claimed.

In describing the invention in detail, reference will be had to the accompanying drawings forming part of this application wherein like characters denote corresponding parts in the several views, and in which—

Figure 1 illustrates a view in perspective of a mail box support embodying the invention;

Figure 2 illustrates a top plan view thereof; and

Figure 3 illustrates a sectional view of a fragment of the post and arm.

In these drawings 5 denotes a post having a suitable base or anchorage 6 by which it is held in a substantially upright or vertical position. A plug or rod 7 is inserted in the upper end of the post and projects therefrom, the said plug being held in place by a rod 8 which extends through the post and through the plug and projects from the sides of the post to form anchorages for the springs 9 and 10 by which the arm 11 is held in normal position. The arm has an elbow coupling 12 to which a sleeve 13 is attached, the said sleeve fitting on the plug and having its lower end bearing on the end of the post so that the sleeve will rotate during the oscillation of the arm, and as will be seen from an inspection of Fig. 2, the arm may be swung from its normal full line position shown in said figure to the dotted line position, or it may be moved in the opposite direction from its normal position, the springs being effective to return the said arm to its normal position and to hold it in such position under ordinary conditions.

The mail box 14 may be of any appropriate type and can be secured to the flattened end 15 of the said arm.

The springs will prevent the oscillation of the arm under the influence of wind pressure, but will yieldingly retain the arm so that if it is struck by a passing vehicle or any other object that might fracture or impair the utility of the device, it will be free to yield. The arm has a plurality of apertures 16 to which a cross pin 17 may be applied at different positions to increase or diminish the tension of the springs which are anchored to the said cross pin, thus making the said device adaptable for use in connection with mail boxes of different sizes which might present different resistances to the wind.

From an inspection of the drawing, it will be apparent that the support can be comparatively inexpensively produced, owing to the fact that tubing may be employed in its manufacture, and obviously, it will prove efficient in use.

At a point slightly above the rod 8, the post is provided with a lug or projection 16^a of such length as to engage either spring 9 or 10, according to the direction of movement of the arm 11, the said lug being intended to restrict the movement of the springs and increase their tension, in order that they will act quickly in imparting the initial swinging movement to the arm after a pull has been exerted on the springs.

While the dotted line position of the arm 11 is shown in Fig. 2, it is to be understood that this is not intended to indicate that such dotted line position is the full swinging movement of the arm, but is intended to show that the arm has oscillatory motion

with relation to the post. The degree of this oscillatory motion may be permitted to exceed that illustrated by the dotted lines, and the inventor does not wish to be limited with respect to this feature.

I claim:

In a support for mail boxes, a post having a projection, a sleeve applied to the projection for oscillatively mounting the sleeve with relation to the post, an arm carried by the sleeve and adapted to support a mail box, springs connecting the said post and arm on opposite sides of the arm for holding the arm in normal position, and a projection on the said post adapted to engage the spring when the arm oscillates to increase the tension of either spring, according to the direction of oscillation of the said arm, as and for the purpose described.

SHERMAN L. WRIGHT.