Oct. 16, 1962 H. J. RYAN 3,058,710

ADJUSTABLE SUPPORTS FOR SINGLE OR MULTIPLE MAIL BOXES

Filed June 20, 1960

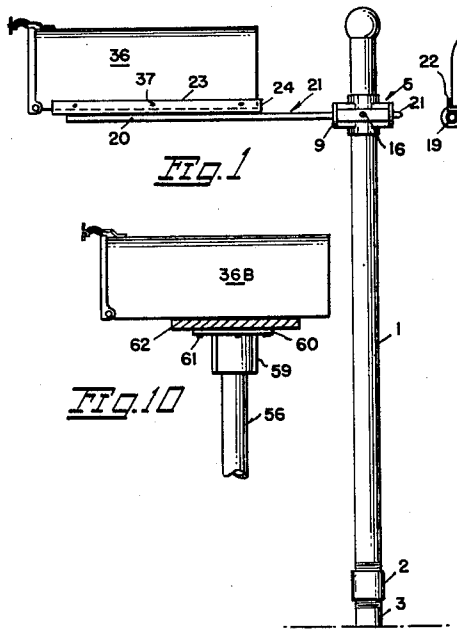

Fig. 1

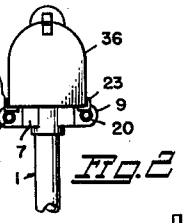

Fig. 2

Fig. 10

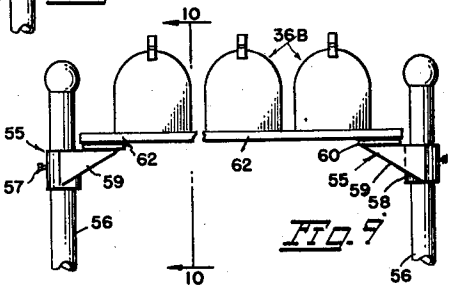

Fig. 9

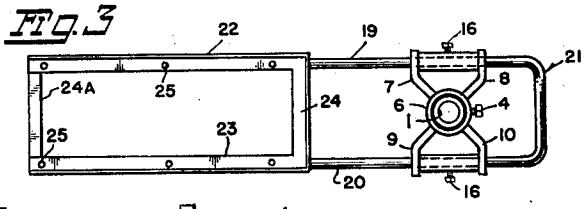

Fig. 3

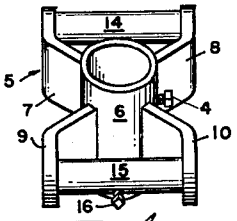

Fig. 4

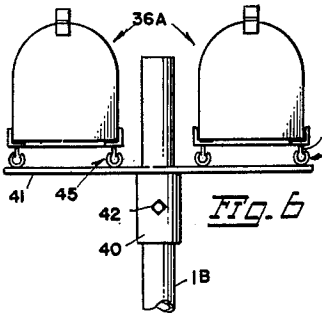

Fig. 6

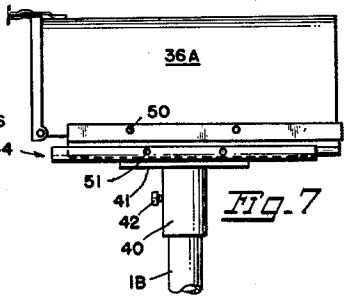

Fig. 7

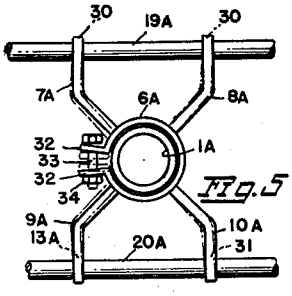

Fig. 5

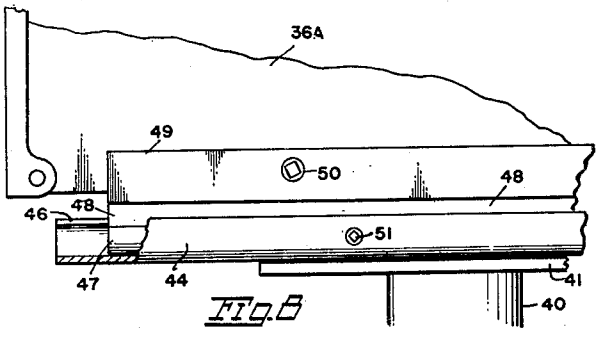

Fig. 8

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3,058,710
ADJUSTABLE SUPPORTS FOR SINGLE OR MULTIPLE MAIL BOXES

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1 Claim. (Cl. 248—124)

This invention relates to improvements in supports for single or multiple mail boxes on rural free delivery routes, mounted routes or star routes.

It is one of the principal objects of the invention to provide a mail box support which can be assembled with the simplest of hand tools, and which will provide a strong, durable, neat and inexpensive installation, and wherein the mail box or boxes may be conveniently raised, or lowered, and locked in any of these adjusted positions where most convenient for a postman to reach from his car or mail truck without having to dismount to deposit the mail in boxes positioned too high, or too low, and out of his reach from the vehicle.

The foregoing and other objects and advantages which will become subsequently apparent reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawing forming a part hereof and in which:

FIGURE 1 is a side elevational view of a mail box support made in accordance with my invention.

FIGURE 2 is an elevational view of the left-hand end of FIGURE 1.

FIGURE 3 is a top plan view of FIGURE 1 with the mail box and ornamental knob on top of the post removed.

FIGURE 4 is a perspective view of the supporting bracket shown in FIGURE 1.

FIGURE 5 is a top plan view of a modified form of supporting bracket.

FIGURE 6 is a modified form of support for a pair of mail boxes.

FIGURE 7 is a side elevational view of FIGURE 6.

FIGURE 8 is a fragmentary side elevational view on an enlarged scale of the support shown in FIGURES 6 and 7.

FIGURE 9 is a fragmentary front elevational view of a support for a plurality of mail boxes, and

FIGURE 10 is a sectional side elevational view taken approximately along the line 10—10 of FIGURE 9.

With continuing reference to the drawing and particularly FIGURES 1–4 thereof, reference numeral 1 indicates a post or standard which is preferably formed of galvanized metal pipe secured by a pipe coupling 2 to a bottom section 3 of sufficient length to permit embedding the same in the ground or in a concrete block (not shown) embedded in the ground.

Adjustably mounted upon the post 1 and lockable thereto by any desired number of set screws, as at 4, is a bracket, indicated generally at 5, and comprising a collar 6 of any desired length cast integral with four radiating arms 7, 8, 9 and 10, whose outer ends are turned into parallel relation to each other as shown, and integrated with these ends of the arms are hollow tubular members 14 and 15, respectively. Adjustably mounted within the tubular members and lockable thereto by set screws 16 are the legs 19 and 20 of a bail member, indicated generally at 21. It will be readily understood that the collar 6, as well as the tubular members 14 and 15, may be of any desired length to meet various load requirements and any desired number of set screws may be used for securely locking the collar to the post 1 and the bail member 21 to the tubular members. A mail box supporting-frame having spaced apart parallel side members 22 and 23 of angle section,

closed at its rearward end by a similar section 24 and at its forward end by a flat bar 24A, is secured as at 25 to the legs 19 and 20 of the bail member. These points of securement may be in the form of rivets or spot welding to render the assembly of bracket 5, bail member 21 and mail box supporting-frame permanent, or bolts and nuts may be used so that the frame may be removed from the bail member or secured thereto in various adjusted positions lengthwise of the bail member.

In the modified form of bracket shown in FIGURE 5, I dispense with the tubular members 14 and 15 and instead provide aligned apertures 30 and 31 in the ends of the arms 7A—10A. These arms are integrated with a split collar 6A flanged as at 32 to receive a bolt and nut 33—34 by means of which the collar can be centripetally clamped to the post 1A. When so clamped the apertured ends of the arms 7A—10A will bind, as indicated in broken lines, into secure engagement with the leg members 19A—20A of the bail member 21A which extend through the apertures.

A conventional mail box 36 may be conveniently secured to the side members 22 and 23 of the supporting-frame by set screws 37, or the like, extending through the frame members and into the usual flanged bottom side edges (not shown) of the mail box.

The modified form of support shown in FIGURES 6–8 comprises a collar 40 secured in any approved manner to the underside of a platform 41 and lockable in various adjusted positions to the post 1B by a set screw 42. The platform 41 may be of any desired length to accommodate more than the one mail box on each side of the post shown in FIGURE 6.

Secured to the top surface of the platform 41 are two pairs of identical tubular rails, indicated generally at 44 and 45. Each rail is slotted, as at 46, throughout its length to accommodate a companion rail 47 provided with an integrated vertical flange 48 whose top edge is integrated with, or secured to, an angle iron 49. The angle irons in each pair oppose each other, as shown, to accommodate a mail box 36A secured in place by a suitable number of set screws, or the like, as at 50, extending through the angle irons and into the flanged bottom side edges of the mail box. By this arrangement the mail box and its supporting-frame can be adjusted lengthwise of its respective tracks and locked thereto by set screws 51.

In the further modification shown in FIGURE 9, I provide two identical brackets, indicated generally at 55, vertically adjustable on a pair of posts 56 and lockable thereto by set screws 57. Each bracket comprises a collar 58 integrated with a pair of arms 59 to whose top outer ends is secured a plate 60 for securement, as at 61, to the underside of a platform 62 of sufficient length to accommodate a plurality of mail boxes 36B, as shown in FIGURE 9, which are secured to the platform in any approved manner.

While I have shown particular forms of embodiment of my invention, I am aware that many minor changes therein will readily suggest themselves to others skilled in the art without departing from the spirit and scope of the invention. Having thus described my invention what I claim as new and desire to protect by Letters Patent is:

A mail box support comprising a post, a collar adjustably mounted upon the post and provided with means for locking the collar to the post, a horizontal platform mounted upon said collar, at least one pair of spaced apart parallel rails secured to said platform, a pair of companion rails slidable and lockable within said first pair of rails, a mail box supporting-frame secured to said

companion rails and means carried by said frame for attachment to a mail box.

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