

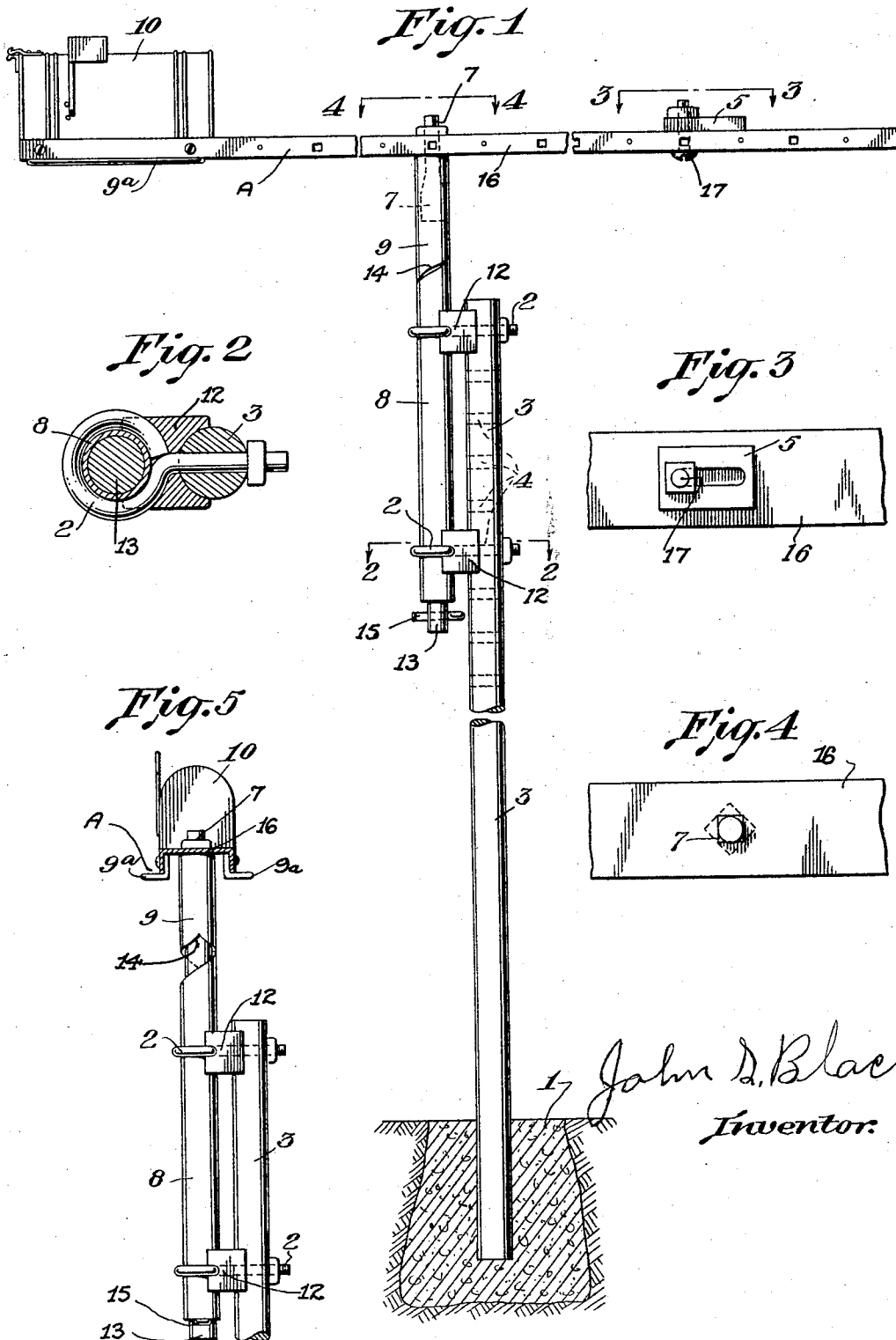
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REVOLVING MAIL BOX POST

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REVOLVING MAIL BOX POST

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This invention relates to a mounting for a mail box, specially in the rural districts, to permit a yielding or rotary movement thereof in case the same is accidentally struck by the vehicle of the postman, agricultural machinery, or otherwise, to minimize the danger of the same being broken.

Another object is to provide a novel construction which will permit adjustment of the mail box to various heights and which will coact in connection with the yieldable feature to render engagement of the box and disposition thereof in the most accessible position for the postman or collector.

The more specific objects and advantages will become apparent from the description following taken in connection with accompanying drawing illustrating an operative embodiment.

In said drawing:

Figure 1 is a view showing the improved apparatus in elevation,

Figure 2 is a cross sectional view taken on the line 2—2 of Figure 1,

Figure 3 is a fragmentary plan view according to the line 3—3 of Figure 1,

Figure 4 is a fragmentary plan view according to the line 4—4 of Figure 1, and

Figure 5 is a vertical section through the upper portion of the apparatus taken at a right angle to Figure 1 and showing the mail box and revolving means at one extreme of movement.

Referring specifically to the drawing, a post 3, of metal, wood, or any suitable material is suitably anchored as in concrete at 1. By means of eye bolts 2, in combination with bearing blocks rigidly mounts a bearing tube 8 at one side of the post. The bolts 2 are applicable to any of a series of vertical openings 4 in the post, thus enabling adjustment vertically of the bearing tube 8 and parts secured thereto.

Journaled in the tube 8 is a mounting head A for the mail box. Such head has a vertical shaft or rod 9 having a reduced portion 13 journaled in the bearing sleeve 8. The shaft 9 and sleeve 8 at their meeting edges as at 14 engage on a spiral or inclined plane. A cotter pin 15 or the like is secured to the

lower end 13 of the shaft 9 and serves to limit the turning movement of the shaft 9 since upon turning, the latter will rise vertically because of the surfaces 14 and the vertical movement will be limited by engagement of the cotter pin 15 with the lower end of the bearing sleeve 8.

A cross arm 16 is rigidly secured in any suitable manner as at 7 to the shaft 9 and at one end carries a mail box as conventionally shown at 10. On the opposite side of the axis of the shaft 9, a weight 5 is adjustably secured to the cross arm by means of a bolt and elongated slot connection as at 17.

On opposite sides of the cross arm 16, adjacent the mail box 10, bumpers or buffers 9^a are provided which may be of resilient wire or the like. The buffers will break the force of a blow or impact and tend to protect the mail box 10 in the event of an object striking the same.

In the use of the device, it is normally in the position shown in Figure 1, but if the cross arm is struck the same will rotate rather than break since the shaft 9 is journaled in the bearing 8. The rotation is less than 360° and for instance to the extent suggested in Figure 5 because the contact is along inclined planes as at 14 and the movement of the shaft 9 is limited by the cotter 15. After a turning movement the cross head will tend to gravitate to the normal position of Figure 1 which action is aided by the weight 5.

Various changes may be resorted to provided they fall within the spirit and scope of the invention.

I claim as my invention:

1. A mounting for a mail box or the like, a cross head having a shaft, a fixed bearing sleeve slidably and revolvably supporting said shaft, said sleeve and shaft having shoulders contacting along substantially inclined planes to aid in limiting the turning movement and cause return of the cross head to normal position, and means to positively limit the sliding movement of the shaft with respect to the bearing sleeve consisting of a pin carried by the lower end of the shaft and normally disposed below the bearing sleeve, the pin being engageable with the bearing

sleeve through turning and sliding movement of the shaft.

2. A mounting for a mail box or the like, a cross head having a shaft, a fixed bearing
5 sleeve slidably and revolubly supporting said shaft, said sleeve and shaft having shoulders contacting along substantially inclined planes to aid in limiting the turning movement and cause return of the cross head to
10 normal position, and means to positively limit the sliding movement of the shaft with respect to the bearing sleeve consisting of a pin carried by the lower end of the shaft and normally disposed below the bearing sleeve,
15 the pin being engageable with the bearing sleeve through turning and sliding movement of the shaft, a supporting post, eye bolts surrounding the bearing sleeve, bearing blocks engaged by the sleeve and through which
20 the bolts pass, said bolts being secured to said post.

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