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G. ANDERSON

1,994,186

MAIL BOX

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Fig. 1.

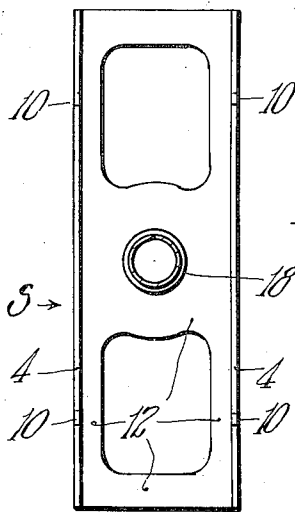
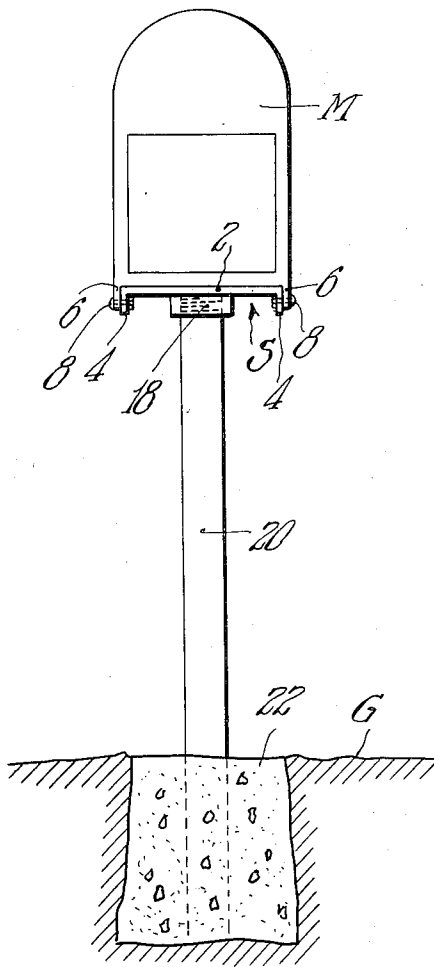
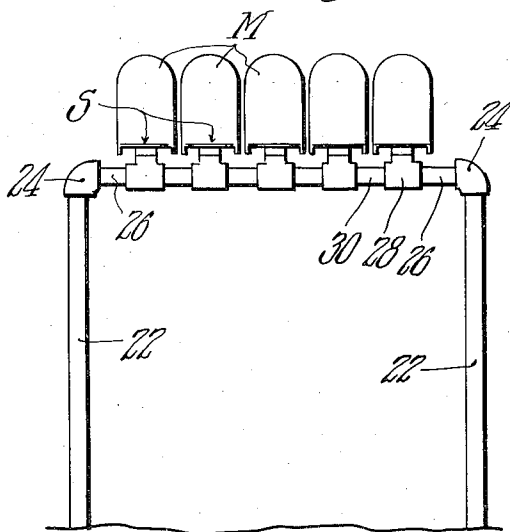


Fig. 2.

Fig. 3.



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MAIL BOX

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2 Claims. (Cl. 232-39)

This invention relates to improvements in mail boxes and is directed more particularly to improved supporting means therefor.

The principal objects of the invention are directed to the provision of a novel supporting means for mail boxes and the like which is simple in form and easy of installation. It is a special feature of the invention that by means thereof a mail box or boxes may be supported rigidly since the supporting structure is substantial in construction.

Various other novel features and advantages of the invention will be more fully hereinafter referred to in connection with the accompanying description of the preferred form of the invention, reference being had to the accompanying drawing wherein:

Fig. 1 is a side elevational view of the support of the invention having a mail box associated therewith;

Fig. 2 is an inverted plan view of the mail box support shown in Fig. 1; and

Fig. 3 is an end elevational view of the support of the invention having a plurality of mail boxes associated therewith.

Referring now to the drawing more in detail, the invention will be fully described.

In Fig. 1 a mail box is represented at M and a plate for supporting the box is represented at S. The box M may be of various shapes and sizes but according to the preferred form of the invention has a substantially flat and rectangular bottom wall 2 and downwardly extending side flanges 6.

The plate S preferably has side flanges 4 which are adapted to lie adjacent the insides of the flanges 6. The flanges 6 are secured to the flanges 4 by suitable screws or bolts 8 passing through openings such as 10 in the said flanges.

The plate S is formed to have a supporting ledge or ledges such as 12 extending inwardly from the flanges 4 and the bottom 2 of the mail box rests on the ledges. A hub portion 18 is provided on the under side of plate S and this projects downwardly therefrom and is arranged to receive a column 20. The upper end of the column 20 is fixed in the hub in any usual manner such as by means of the screw threads shown.

The column 20 may be formed of various materials such as iron piping or the like so as to afford a rigid support. In setting up the supporting means, the lower end of the column 20 is in some way fastened so that the column extends in a substantially vertical direction.

To accomplish this, a concrete base 22 may be

provided by pouring concrete in a hole in the ground G. Before the concrete forming the base is hardened, the lower end of the column 20 is forced thereinto and properly supported until the concrete sets so as to hold the column in a secure and rigid manner.

The mail box M may then be secured to the supporting plate S after the manner described. In this way there is provided a rigid structure wherein the liability of the tipping of the box or its column is obviated to a large extent.

It often happens that in a certain community a number of mail boxes are required. It is, of course, desirable that the appearance of this assembly of boxes be as neat and trim as possible. To this end, I provide columns 22 which have elbows 24 on their upper ends. Relatively short members 26 are suitably fixed in the elbows as by being threaded therein and T members 28 and nipples 30 are provided therebetween as shown. Then a plurality of supporting plates S are mounted on top of the T's in the manner above described and a mail box may be secured to each of the plates as above set forth.

It may be seen that in this way a plurality of mail boxes are suitably supported in a rigid manner and at the same time present an attractive and orderly appearance.

While I have described the invention in great detail and with respect to a preferred form thereof, it is not desired to be limited thereto since many changes and modifications may be made therein without departing from the spirit and scope of the invention. What it is desired to claim and secure by Letters Patent of the United States is:

1. A mail box construction comprising in combination, a receptacle having a substantially flat rectangular bottom wall and longitudinally-extending flanges depending downwardly therefrom a certain distance apart and provided with spaced horizontal openings extending therethrough, a substantially flat horizontally-disposed ledge member substantially equal in width to the said certain distance between the flanges of the receptacle disposed closely adjacent the lower side of the bottom wall of the receptacle and having flanges integral therewith which depend downwardly from the longitudinal marginal edges thereof and abut the inner sides of the flanges of the receptacle, said flanges of the ledge member being provided with spaced horizontal openings extending therethrough for aligning with said openings through the flanges of the receptacle, bolts extending through said aligned openings of

the said flanges for securing the receptacle and ledge member, an internally threaded hub member rigidly secured to and depending downwardly from the lower side of said ledge member between
 5 the flanges thereof, and a vertical column member of rigid material having its upper end threaded into said hub member.

2. A mail box construction comprising in combination, a pair of vertical relatively rigid pipe members spaced apart and having elbows associated with their upper ends, connecting pipe members threaded into said elbows and extending towards one another, a plurality of nipples and
 10 T members connected to and disposed between
 15 said connecting members, a plurality of horizontal supporting members including ledge por-

tions of a certain equal width having flanges integral therewith which depend downwardly therefrom at opposite marginal sides, one of said supporting members being rigidly secured to each of said T members, a plurality of mail boxes having substantially flat rectangular bottom walls resting on said ledge portions and flanges depending downwardly from said walls at opposite marginal sides thereof abutting the inner sides of the said flanges of the mail boxes, and external fastening means extending through said flanges of the mail boxes and of the plate members below said ledge portions for securing the boxes to the supporting members.

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