

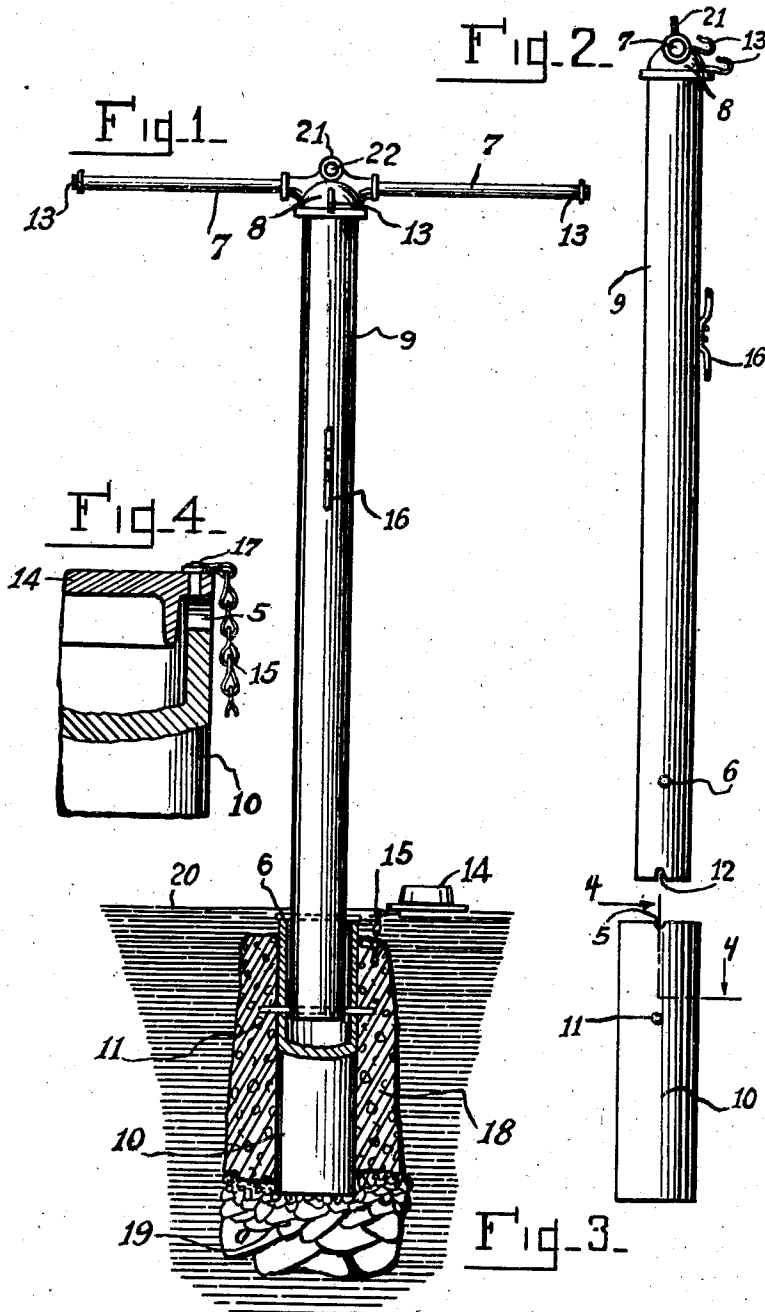
Feb. 12, 1935.

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1,991,087

REMOVABLE CLOTHESLINE POLE

Filed July 21, 1931



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1,991,087

REMOVABLE CLOTHESLINE POLE

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Application July 21, 1931, Serial No. 552,168

6 Claims. (Cl. 189—28)

My invention relates to improvements in a clothes line pole of the removable type; and the objects of the improvement are, first, to provide a clothes line pole that may be easily removed from its socket in the yard to its place of storage leaving no obstruction about the premises; second, to provide a socket having the provision of a drain so that the water will pass from the socket to the ground below; third, to provide a pin transversely located in a suitable place in the socket, said pin locking said socket to the concrete base in which it is imbedded and also offering locking with the slots in the lower end of the pole providing means for a constant position for said pole when in use; fourth, to further provide locking means a transversely located pin near the lower end of the pole in conjunction with two slots suitably located in the upper end of the socket; fifth, to provide a suitable cap to cover the socket when the pole is not in use, said cap is joined to the concrete base by a rustproof chain and is easily operated; sixth, to provide a suitable bracket at the top center of the pole to afford means for hanging the pole on a wall by means of a nail, hook or bolt; seventh, to provide a cleat suitably located on the pole to facilitate the tightening and fastening of the clothes lines; and eighth, to provide a suitable number of hooks in the upper part of the pole to facilitate the fastening of the clothes lines at convenient distances.

I attain these objects by the mechanism illustrated in the accompanying drawing, in which Figure 1 is a side elevation of the pole assembly in its supported position; Figure 2, a vertical side view of the pole showing the hooks, cleat, pin and slots in the pole; Figure 3, a horizontal view of the socket showing the slots and the pin; Figure 4, an enlarged fragmentary sectional view taken on line -4 of Figure 3.

Similar numbers refer to similar parts throughout the several views.

In Fig. 1, the column 9 of the pole assembly is shown inserted in position in the socket 10 illustrating the method used for locking in combination with pins 6 and 11 and slots 5 and 12. The crushed rock or other suitable porous material designated at 19 is placed about and slightly above the lower end of the socket 10 at which point the concrete 18 is placed above the rock 19 and continues to a point near the top end of the socket 10 providing space for sufficient soil for growing grass immediately around the top end of the socket 10. The lawn level is illustrated at 20 and the top end of the socket 10 is disclosed as

being slightly below the low level 20 thereby providing sufficient space for the cap 14 when it is inserted in socket 10. The cap 14 is shown, in Fig. 1, removed from the socket 10, and lying in a reversed position on the lawn level 20 and attached to the concrete base 18 by chain 15.

Fig. 4 discloses the sectional view of the cap 14 in position in the upper portion of the socket 10 and shows the position of the cap 14 when it is used to cover said socket 10. The connecting, by riveting, bolting, welding or otherwise, of the chain 15 to the cap 14 is shown at 17.

In Fig. 4, an enlarged view of one of the slots 5 in the upper end of the socket 10 is shown.

The conventionally used hooks are shown at 13 in Figs. 1 and 2. The arms 7 are used to space the hooks 13 for the clothes lines.

In Fig. 1, a front view is shown of bracket 21 which is provided with the hole 22 which is used for hanging the pole on a nail, hook or bolt in any suitable place of storage. In Fig. 2, a side view of the bracket 21 is shown. The bracket 21 is provided with the enlarged spherically shaped portion 8 which fits over and closes the upper end of the column 9, the bracket 21 further providing boss portions for supporting the arms 7.

The cleat 16 attached to the column 9 is disclosed in Figs. 1 and 2.

To reduce the weight and to increase the artistic appearance of the pole the outside diameter of the arms 7 are substantially reduced in proportion to the outside diameter of the column 9. It is to be noted that the pin 11 extends through the column 9 and into the concrete 18, the pin 11 thus engaging the concrete 18 to lock the column 9 from loosening and turning in the concrete 18. It is also to be noted that the cap 14 is provided with a pilot portion for fitting within the upper open end of the socket 10 together with a flange portion for resting on the upper end surface of the socket 10, said flange portion having approximately the same diameter as the outside diameter of the socket 10.

I am aware that prior to my invention clothes line poles of the removable type with the sockets imbedded in concrete have been made. I therefore do not claim such a combination broadly; but

I claim:

1. In a removable clothes line pole supported in the ground, the combination of a socket member open at both of its ends, said socket member being provided with slots at its upper end, a concrete structure enclosing said socket member, said concrete structure being supported in the ground,

- said concrete structure having its upper surface below the upper surface of said socket member, said concrete structure having its slower surface above the lower end of said socket member, a porous structure adjacent the lower end of said socket member and said concrete structure, said porous structure being supported in the ground, a pin supported in said socket member, and a clothes pole in said socket member, said clothes pole being provided with a pin for engaging the slots at the upper end of said socket member, said clothes pole being further provided with slots for engaging said pin in said socket member.
2. In a removable clothes line pole supported in the ground, the combination of a concrete structure in the ground, a socket member embedded in said concrete structure, a member supported in said socket member, said member engaging said concrete structure, and a clothes line pole in said socket member, said clothes line pole being provided with slots for engaging said member supported in said socket member.
3. In a removable clothes line pole supported in the ground, the combination of a concrete structure in the ground, a socket member in said concrete structure, said socket member being provided with slots in one of its ends, a pin supported in and extending transversely in said socket member, said pin extending into said concrete struc-

ture, and a clothes line pole provided with a member for engaging the slots in the end of said socket member, said clothes line pole being further adapted to engage said pin in said socket member.

4. In a clothes pole supported in the ground, the combination of a concrete structure, a socket in said concrete structure, means for locking said socket in said concrete structure, and a clothes poles engaging said means.

5. In a clothes pole supported in the ground, the combination of a concrete structure, a socket in said concrete structure, means for locking said socket in said concrete structure, said means being located between the ends of said socket, and a clothes pole supported vertically on said means.

6. In a clothes pole structure, the combination of a socket suitably supported and provided with a bore, said socket being provided with slots at its upper end, a pin suitably mounted in the walls of and extending transversely through the bore of said socket, a clothes line pole in the bore of said socket, said clothes pole being provided with slots at its lower end for engaging said pin, and a pin suitably mounted in and extending through said clothes pole, said last mentioned pin engaging the slots at the upper ends of said socket.

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