

(No Model.)

F. E. GARNER.

METALLIC BASE FOR TELEGRAPH OR OTHER POLES.

No. 540,159.

Patented May 28, 1895.

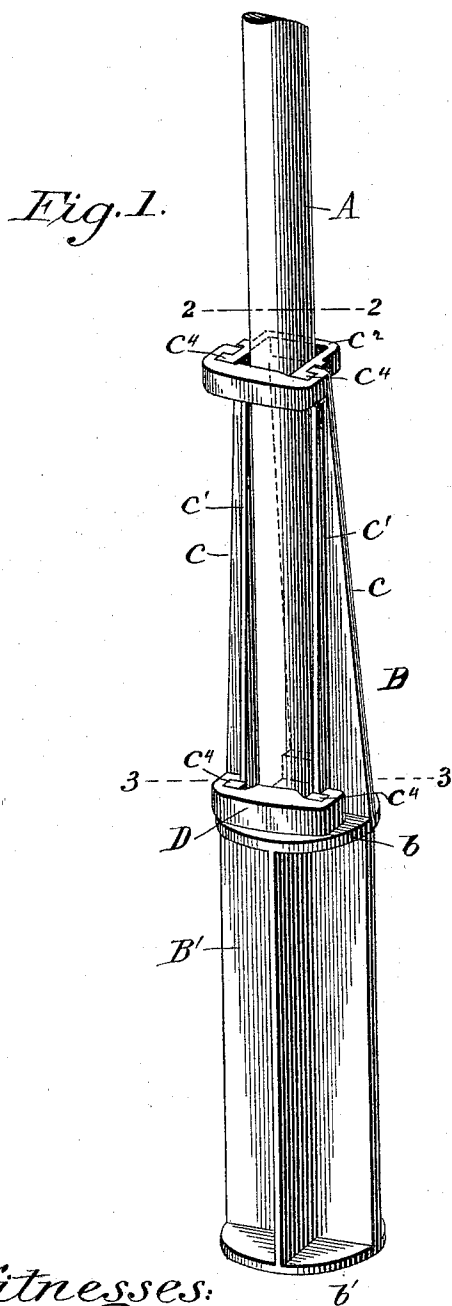


Fig. 2.

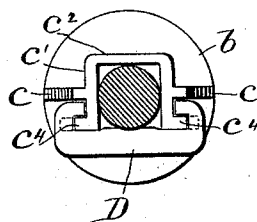
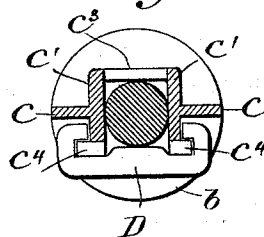


Fig. 3.



Witnesses:

Whiting Wilcox
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UNITED STATES PATENT OFFICE.

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METALLIC BASE FOR TELEGRAPH OR OTHER POLES.

SPECIFICATION forming part of Letters Patent No. 540,159, dated May 28, 1895.

Application filed January 9, 1895. Serial No. 534,404. (No model.)

To all whom it may concern:

Be it known that I, FRANK E. GARNER, a citizen of the United States of America, residing at Cornwall, in the county of Litchfield and State of Connecticut, have invented a new and useful Iron or Metallic Base for Holding Wooden Poles to Support Telegraph, Telephone, or other Electric Wires; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to an improvement in poles for supporting telegraph, telephone, or any electric wires, the object being to provide an iron or metallic base for said poles, to save them from decay, and making those already decayed usable, as will be hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, forming part of the specification, Figure 1 is a perspective view of a pole constructed in accordance with my invention. Fig. 2 is a sectional view on the line 2 2 of Fig. 1, and Fig. 3 a sectional view on the line 3 3 of Fig. 1.

A designates a pole or post which may be of wood and is of ordinary construction, said pole or post tapering slightly from the upper end to its base.

The base B is preferably made up of cast metal and consists of a lower portion B' comprising vertical flanges which are connected at their upper and lower ends to the horizontal portions *b* and *b'*. Above the horizontal portion or disk *b* extend two vertical flanges *c c* which taper upwardly as shown, and the inner edges of these flanges have laterally projecting portions or webs *c'*, the webs on one side being connected to each other at their upper and lower ends by connecting-portions *c²* and *c³* formed integral with said webs, and the webs on the other side are provided at their upper and lower ends with offsets *c⁴* the offsets at the upper end having a tapered or beveled outer edge.

D D designate locking-bars or plates which extend across the side of the base opposite the connecting portions *c²* and *c³* so as to en-

gage the offsets *c⁴*, the ends of said locking-bars or plates being bent in the shape of a hook to engage said offsets. The inner side of the hooks of the upper locking bar or plate is beveled to correspond with the beveled edges of the offsets.

The metal base is planted in the ground so that the part thereof above the plate *b* will project above the surface, and when it is desired to support a post in the base it is only necessary to remove the locking-bars and place the post between the webs *c'*, the lower end of the post resting upon the plate *b* while one side bears against the connecting portions *c²* and *c³*. The locking bars are then placed in engagement with the offsets and forced down, the enlarged central portion thereof bearing against the post. By this arrangement the post is held above the surface of the ground and is therefore not liable to decay.

The improved metal base hereinbefore described is designed to support telegraph poles, fence-posts, &c.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A metal base for telegraph and other poles having a bottom portion consisting of vertical flanges and a portion which extends upwardly therefrom and is adapted to receive the lower end of the post or pole, said upwardly-projecting portion having offsets, in combination with the locking bars, having recesses for engagement with the offsets, substantially as shown and for the purpose set forth.

2. A metal base for telegraph and other poles consisting of a flanged base portion, tapered flanges *c* which extend upward from the base portion and are provided at their inner edges with laterally-projecting webs *c'*, connecting portions *c²* and *c³* connecting the webs on one side of the device and offsets *c⁴* formed on the other webs with which locking-bars engage, substantially as shown and for the purpose set forth.

3. A metal base or support for poles or posts consisting of a bottom portion having vertical flanges connected at their upper and lower ends by plates or disks *b* and *b'*, tapered flanges *c c* extending upwardly from the plate

b and provided at their inner edges with laterally-projecting webs, connecting portions *c*² and *c*³ connecting the webs on one side of the base, the webs on the other side being provided at their upper and lower ends with offsets *c*⁴, and locking bars *D* having their ends shaped so as to engage with the offsets, sub-

stantially as shown and for the purpose set forth.

FRANK E. GARNER.

Witnesses:

WHITING J. WILCOX,
MARY E. WILCOX.