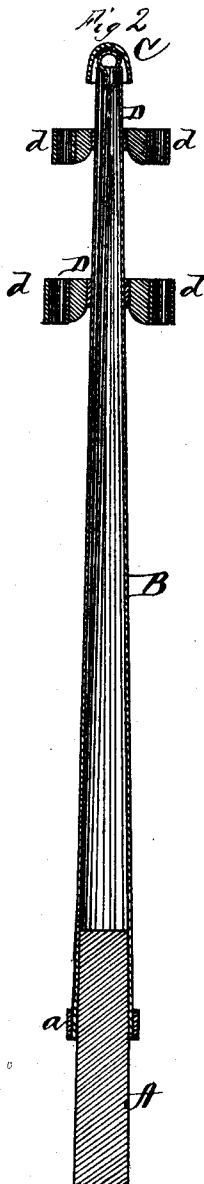
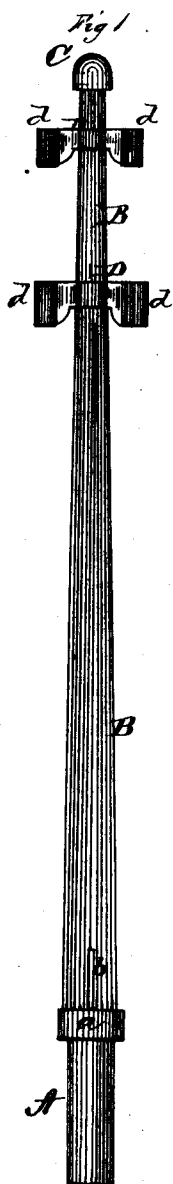


H. DODGE.
Telegraph Poles.

No. 140,255.

Patented June 24, 1873.



Witnesses:
Frank A. Curran
C. L. Everett.

Inventor.
Hiram Dodge
per *[Signature]*
Attorneys.

UNITED STATES PATENT OFFICE.

HIRAM DODGE, OF BEAVER DAM, WISCONSIN, ASSIGNOR OF ONE-HALF HIS
RIGHT TO COLUMBUS GERMAIN, OF SAME PLACE.

IMPROVEMENT IN TELEGRAPH-POLES.

Specification forming part of Letters Patent No. **140,255**, dated June 24, 1873; application filed
May 24, 1873.

To all whom it may concern:

Be it known that I, HIRAM DODGE, of Beaver Dam, in the county of Dodge and in the State of Wisconsin, have invented certain new and useful Improvements in Telegraph-poles; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a telegraph-pole, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side elevation, and Fig. 2 a vertical section of my telegraph-pole.

A represents the ground-support or base, made either of wood or cast-iron, and firmly placed in the ground in the same manner as telegraph-poles usually are put down. If this base A is made of wood it should first be immersed in hot coal-tar, so as to obtain a perfect coating of the same to preserve the wood. After it is firmly placed in the ground the pole B is placed on around the top of the same and fastened by a band, *a*, being firmly driven down, crossing a slot, *b*, in the lower end of the pole. The pole B is made in cylindrical or conical form, of galvanized iron,

sheet-iron, or other suitable metal, made impervious to the effects of water or the weather by being, while heated, submerged in coal-tar. On the upper end of the pole B is a cap, C, constructed as shown in Fig. 2, so as to keep out the falling rain, and at the same time act as a ventilator for the dampness that may collect inside of the pole. On the pole B are collars or rests D D, for securely fastening telegraph-wires to the pole. Through arms *d d* projecting from said collars or rests are apertures for holding the wooden plugs, on which rest the glass insulators usually used on the old style of wooden pole. Around the pole B, and through the collars D D, I intend to place rubber bands or collars for the purpose of preventing the contact of the wire with the metallic pole in case of accident or breakage of any of the parts.

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

The combination of the base A, pole B, band *a*, cap C, collars D D, with perforated arms *d d*, and rubber collars, as described, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 26th day of July, 1872.

HIRAM DODGE.

Witnesses:

J. E. HOSMER,
JOHN THOMAS.