MINARD Y. HOLLEY.

Improvement in Telegraph Insulators.

No. 121,368. Patented Nov. 28, 1871.

Fig. 1.

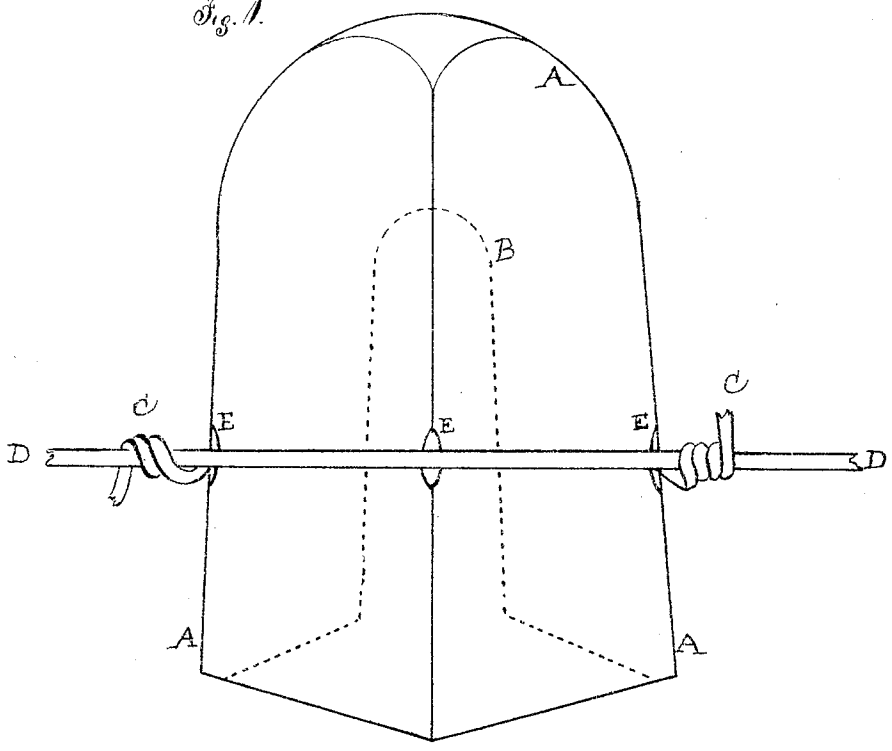
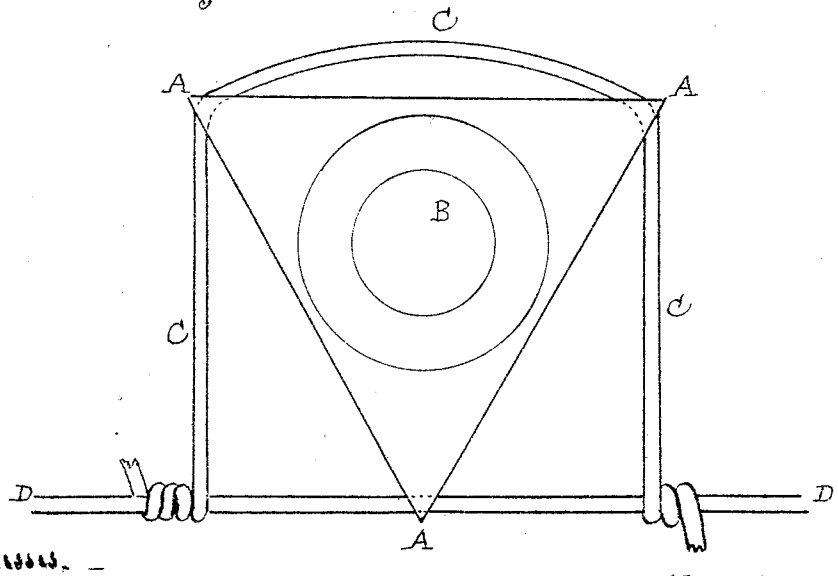


Fig. 2.



Witnesses.—
F. F. Rigard
Chas. Bartlett

Minard Y. Holley
Inventor.

ANL PHOTO-LITHOGRAPHIC CO. N.Y. (OSBORNE'S PROCESS.)

UNITED STATES PATENT OFFICE.

MINARD Y. HOLLEY, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN TELEGRAPH-INSULATORS.

Specification forming part of Letters Patent No. 121,368, dated November 28, 1871.

To all whom it may concern:

Be it known that I, MINARD Y. HOLLEY, of Washington, District of Columbia, have invented an Improvement in Telegraph-Insulators, of which the following is a specification:

My improvement consists in constructing insulators, of glass or other non-conducting substance, of a triangular form, thereby presenting only three points of contact to the line and attaching-wire, and, consequently, saving a large amount of surface contact and a corresponding decrease in escape or leakage of the electric current in damp or wet weather.

The accompanying drawing—in which Figure 1 represents a perspective view, and Fig. 2 a view of the under side of the insulator—shows the nature of the improvement.

In Fig. 1, A A A represent the insulator; D D, the line-wire; C C, the wire that attaches the line-wire to the insulator. E E E represent the notches in which the line and attachment-wires rest. B represents the aperture for the support.

Fig. 2 represents a view of the under side of the insulator with the line-wire attached. *d d* represents the line-wire; *c c c*, the wire attachment; *a a a*, the point of contact; and B, the aperture for the support.

I claim as my invention—

A telegraph-insulator having the triangular form, as and for the purpose set forth.

MINARD Y. HOLLEY.

Witnesses:

CHARLES BERKLEY,

CORNELIUS NOONAN.

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