

C. L. Le BARON.
Telegraph Insulators.

No. 154,258.

Patented Aug. 18, 1874.

Fig. 1.

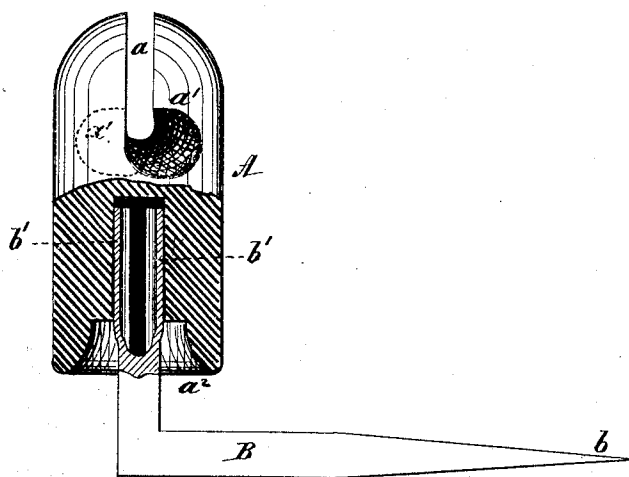


Fig. 2.

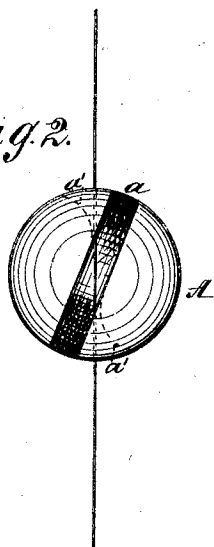
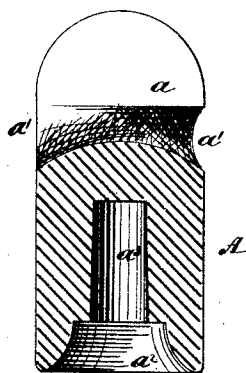


Fig. 3.



WITNESSES:

G. Matthews
John O. Kemmer

INVENTOR:

Chas. L. Le Baron

BY

ATTORNEYS.

UNITED STATES PATENT OFFICE.

CHARLES L. LE BARON, OF PENSACOLA, FLORIDA.

IMPROVEMENT IN TELEGRAPH-INSULATORS.

Specification forming part of Letters Patent No. **154,258**, dated August 18, 1874; application filed June 11, 1874.

To all whom it may concern:

Be it known that I, CHARLES L. LE BARON, of Pensacola, in the county of Escambia and State of Florida, have invented a new and Improved Telegraph-Insulator; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is an elevation partly broken away; Fig. 2, a plan view; and Fig. 3, a sectional elevation.

The invention relates to the construction and fastening of insulators, whereby security and facility of appliance may both characterize the same device.

The invention will first be fully described, in connection with all that is necessary to a full understanding thereof, and then pointed out in the claim.

A represents an insulator, made of glass or other non-conducting material, and B represents a metallic angled spike, by which it is securely fastened to the post. The insulator A has an open-top slot, a , through which the wire is entered, while at the bottom, and on each side of center, but on opposite sides of a diametrical plane, I make an excision, a^1 , the same being deeper and larger as it is extended

toward the circumference. By this means I obtain for the wire a line of support obliqued or forming an acute angle with the open slot a , so as to hold the wire without the possibility of escape, without any tie or other fastening, and yet not without yielding all the required play and freedom of movement. The spike B has a pointed end, b , on the long arm, which is driven into the telegraphic post, and two elastic prongs, b' b' , upon the short arm. The insulator has a cup-shaped cavity, a^2 , and central hole a^3 , as is customary, but I make this hole tapering or gradually smaller as it becomes deeper. The elastic prongs b' b' being turned therein under pressure will be contracted, forced down, and made to take a firm hold upon the insulator. It thus becomes an effective, as well as a cheap, fastening.

Having thus described my invention, what I claim as new is—

The combination, with an insulator having an inwardly-tapering central and bottom hole, a^3 , of an angle-spike, having the elastic prongs b' b' on the short arm, as and for the purpose set forth.

CHARLES L. LE BARON.

Witnesses:

GEO. G. PATTISON, Jr.,
FRANK MAURA.