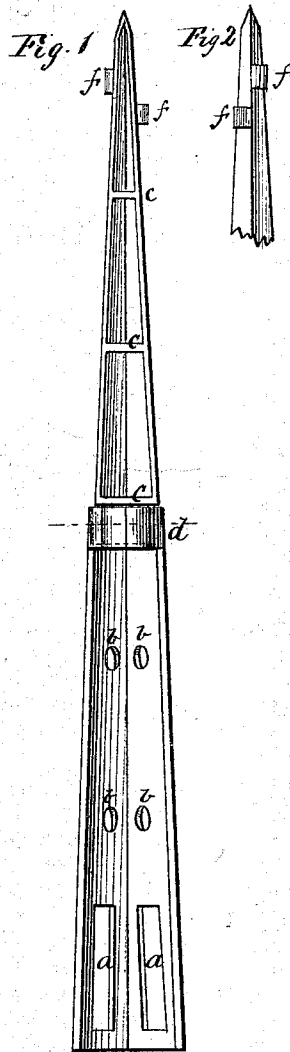


T. J. McCARVER, J. ATHEY & B. JENNINGS.
Telegraph Poles.

No. 139,593.

Patented June 3, 1873.



Witnesses.

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UNITED STATES PATENT OFFICE.

THOMAS JENNINGS MCCARVER, JAMES ATHEY, AND BERRYMAN JENNINGS, OF OREGON CITY, OREGON.

IMPROVEMENT IN TELEGRAPH-POLES.

Specification forming part of Letters Patent No. **139,593**, dated June 3, 1873; application filed May 18, 1872.

To all whom it may concern:

Be it known that we, THOMAS J. MCCARVER, JAMES ATHEY, and BERRYMAN JENNINGS, of Oregon City, in the county of Clackamas, and State of Oregon, have invented a new and useful Improvement in Telegraph-Poles; and we 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 of a sectional telegraph-pole made of angle-iron. Fig. 2 is a view of the inverse side of a part of the upper portion, showing the arrangement for attaching insulators for the wires. Fig. 3 is a cross section of Fig. 1.

Our invention consists of sectional telegraph poles of angle-iron, either cast or rolled, as hereinafter described.

The telegraph-posts are made in sections, and tapering from the base to the top, and when made of cast metal the wide flanges have long openings or slots *b*, in which pins may be inserted to adjust the wires. The

cross-pieces *c* may be cast in the angle between the wires by which to climb.

These sections are connected together by clips *d* on the end of one section, between which and the end of said section the end of the other section will be fitted by sliding in endwise, as clearly shown in Figs. 1 and 3.

Similar clips or dovetailed-grooved clips *f*, will be applied to the upper ends of the top sections for reception of the insulators for holding the wires.

The posts of this form are cheaper and more durable than those of any other form before used.

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

A telegraph-pole made of metallic sections, constructed substantially as described.

THOMAS JENNINGS MCCARVER.

JAMES ATHEY.

BERRYMAN JENNINGS.

Witnesses:

ARTHUR WARNER,

WILLIAM PITT BURNS.