D. LATHROP.
Telegraph-Pole.

No. 221,076. Patented Oct. 28, 1879.

Fig: 1.

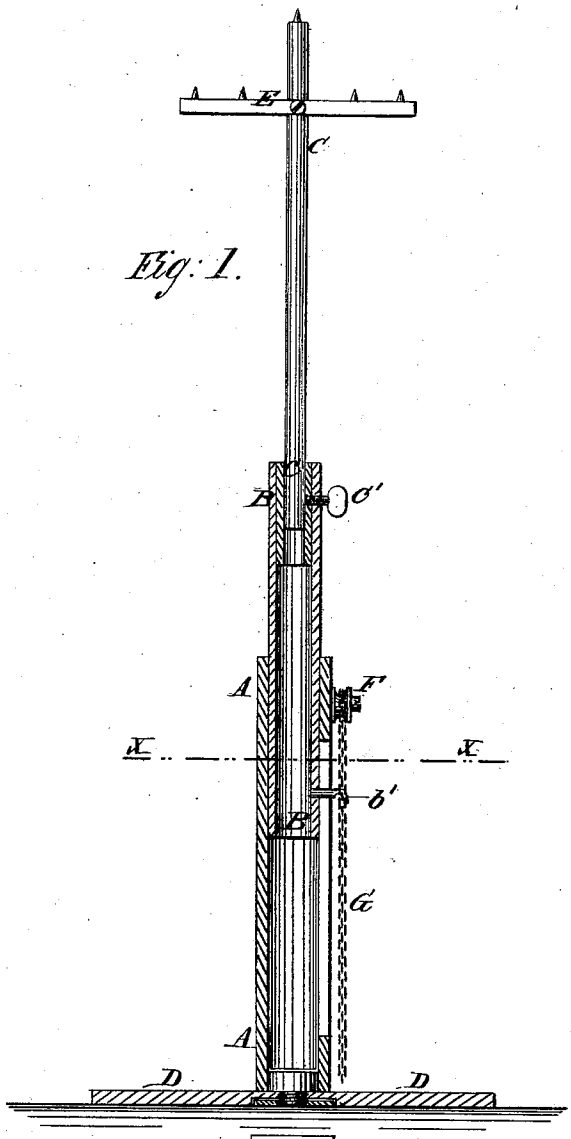
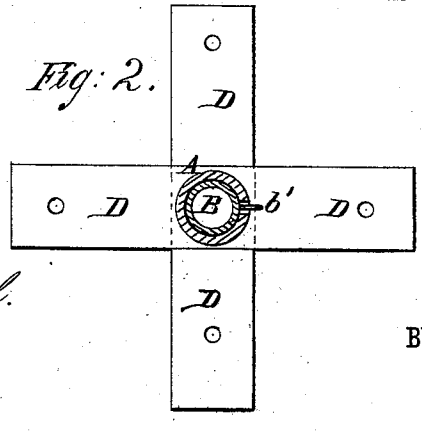


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

DAVID LATHROP, OF HAZLE DELL, ILLINOIS.

IMPROVEMENT IN TELEGRAPH-POLES.

Specification forming part of Letters Patent No. **221,076**, dated October 28, 1879; application filed April 8, 1879.

To all whom it may concern:

Be it known that I, DAVID LATHROP, of Hazle Dell, in the county of Cumberland and State of Illinois, have invented a new and useful Improvement in Telegraph-Poles, of which the following is a specification.

Figure 1 is a side view of my improved pole, the two lower sections being shown in section. Fig. 2 is a cross-section of the same, taken through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved pole for telegraph-wires, flag-staffs, lamp-posts, clothes-line supports, &c., which shall be simple in construction, strong, durable, easily set up, and readily transported from place to place.

The invention consists in the pole formed of the three sections sliding or telescoping into each other, the foot, the set-screw, and the screw, pulley, and chain, as hereinafter fully described.

The body of the pole is made in three parts, A B C, fitting or telescoping into each other.

The lower end of the lowest or first section is secured to a base or foot formed of two bars, D, crossing each other at right angles, halved to each other, and provided with holes in their ends to receive the spikes by which they are secured to the ground.

The lowest section, A, is slotted longitudinally nearly to its ends to receive the screw *b'*, which is screwed into the second section, B, to prevent it from turning in and being drawn from the said section A.

The upper section, C, is made solid, slides up and down in the section B, and is secured in place when adjusted by a set-screw, *c'*, which passes through a screw-hole in the said second section, B, and rests against the side of the said section C.

To the upper end of the section C is attached one or more cross-bars, E, to receive the insulators and wire when the device is to be used for a telegraph-pole, or other appliances when the pole is to be used for other purposes.

To the side of the upper part of the lower section, A, directly above the upper end of the longitudinal slot formed in it, is pivoted a pulley, F, over which passes a chain, G. One end of the chain G is attached to the screw *b'*, and its other end, when the second section, B, has been raised to the desired height, is hooked upon the said screw *b'* to support the said section B in place.

In erecting the pole the three sections are placed the one within the other, and the lower end of the section A is attached to the foot D. The upper section, C, is then drawn out and secured by the set-screw *c'*, and the pole is raised to an erect position. The section B is then raised by means of the chain G until the upper end of the section C has been raised to the desired height, and is secured in place by hooking the said chain upon the screw *b'*. The insulators and wires, or other appliances may be attached to the pole before it is raised to the full height, or afterward, as may be desired or convenient.

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

The pole formed of the three sections A B C, sliding or telescoping into each other, the foot D, the set-screw *c'*, and the screw, pulley, and chain *b'* F G, substantially as herein shown and described.

DAVID LATHROP.

Witnesses:
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