W. De LANY.

LAMP-POST.

No. 192,418. Patented June 26, 1877.

Fig. 1.

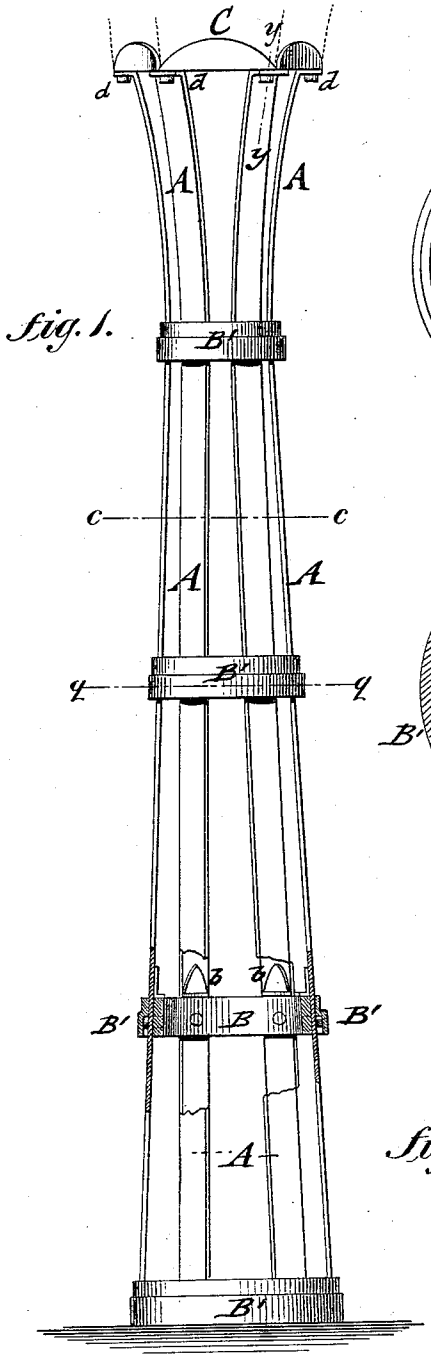


Fig. 2.

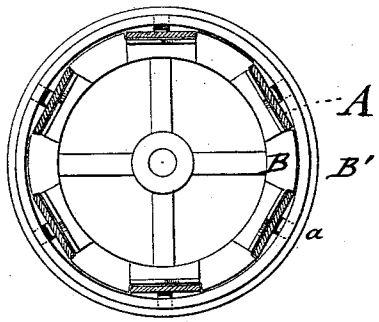


Fig. 3.

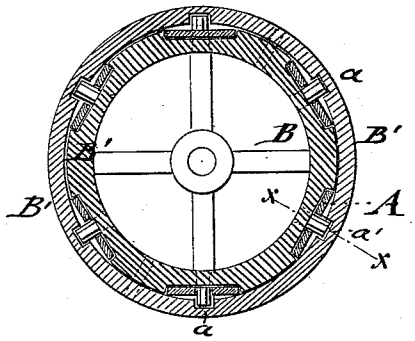


Fig. 4.

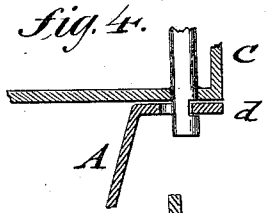
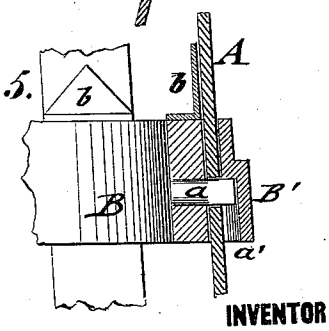


Fig. 5.



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WILLIAM DE LANY, OF COBOURG, ONTARIO, CANADA.

IMPROVEMENT IN LAMP-POSTS.

Specification forming part of Letters Patent No. **192,418**, dated June 26, 1877; application filed February 3, 1877.

To all whom it may concern:

Be it known that I, WILLIAM DE LANY, of Cobourg, in the Province of Ontario and Dominion of Canada, have invented a new and Improved Lamp-Post, of which the following is a specification:

In the accompanying drawing that illustrates my invention, Figure 1 represents a side elevation of my improved lamp-post. Figs. 2 and 3 are horizontal sections of the same, respectively, on lines *c c* and *q q;* and Figs. 4 and 5 are detail vertical transverse sections of the top part of the bars and base of lamp, and of the fastening-ring, respectively, on lines *y y* and *x x*.

Similar letters of reference indicate corresponding parts.

The invention relates to an improved skeleton post for street-lamps, telegraph, and other purposes; and consists of a skeleton post made of upright bars of suitable cross-section, held together by interior and exterior clamping-rings placed at proper intervals. The bars lock, by the spring of their flanged and perforated top ends, on the notched corner-rods of the lamp.

In the drawing, A represents the upright bars of my improved skeleton post, which bars may be made of round or square metal or wood, and either set into the earth to sufficient depth or bolted to a short post extending above the surface of the ground. The top of each bar A is curved outwardly to form a support for the lamp placed thereon. The bars A are retained in position by interior and exterior rings B B′, that are made slightly tapering to conform to the tapering shape of the post, and diminishing in size from the bottom upward. The interior rings B are recessed for the bars A, and provided with round or square tenons *a*, that pass through holes punched into the bars, and form connection with the outer rings B by interior recesses or grooves *a′*, that bind on the pins, so as to lock rigidly thereon when driven down on the same. The tenons *a* are preferably wedge-shaped at the outer ends, so that the tapering recesses *a′* pass over the same, and hold thereby the bars firmly in position.

The inner rings B may be arranged with vertical projections *b*, as shown in Figs. 1 and 5, to give increased bearing-surface to the bars. The inner and outer rings are finally connected by pins, to be readily detached on driving out the pins.

The base of the lamp C is attached directly to the upper outwardly-curved ends of the bars A, which have horizontal flanges *d*, that are perforated to admit the passage of the corner-rods of the lamp, which are extended and notched, as shown in Fig. 4, so that on inserting the rod-extensions the bars A spring into the notches of the same and lock the lamp rigidly in position.

Thus a strong, cheap, and durable lamp-post is provided, that may also be applied to telegraph and other purposes.

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

1. A skeleton post composed of upright bars, retained by recessed interior and outer binding rings applied at proper intervals, substantially in the manner and for the purpose set forth.

2. The combination of the perforated bars A with the recessed interior ring B, having tenons *a*, and with the exterior clamping-ring B, having grooves *d′* at the inner circumference, substantially as specified.

3. The combination of the outwardly-curved top parts of bars, having perforated horizontal flanges *d*, with the notched extension-rods of the lamp, substantially as shown, and for the purpose set forth.

WILLIAM DE LANY.

Witnesses:
H. F. HOLLAND,
ASA A. BURNHAM.