

G. D. BURTON.

LAMP.

No. 178,508.

Patented June 13, 1876.

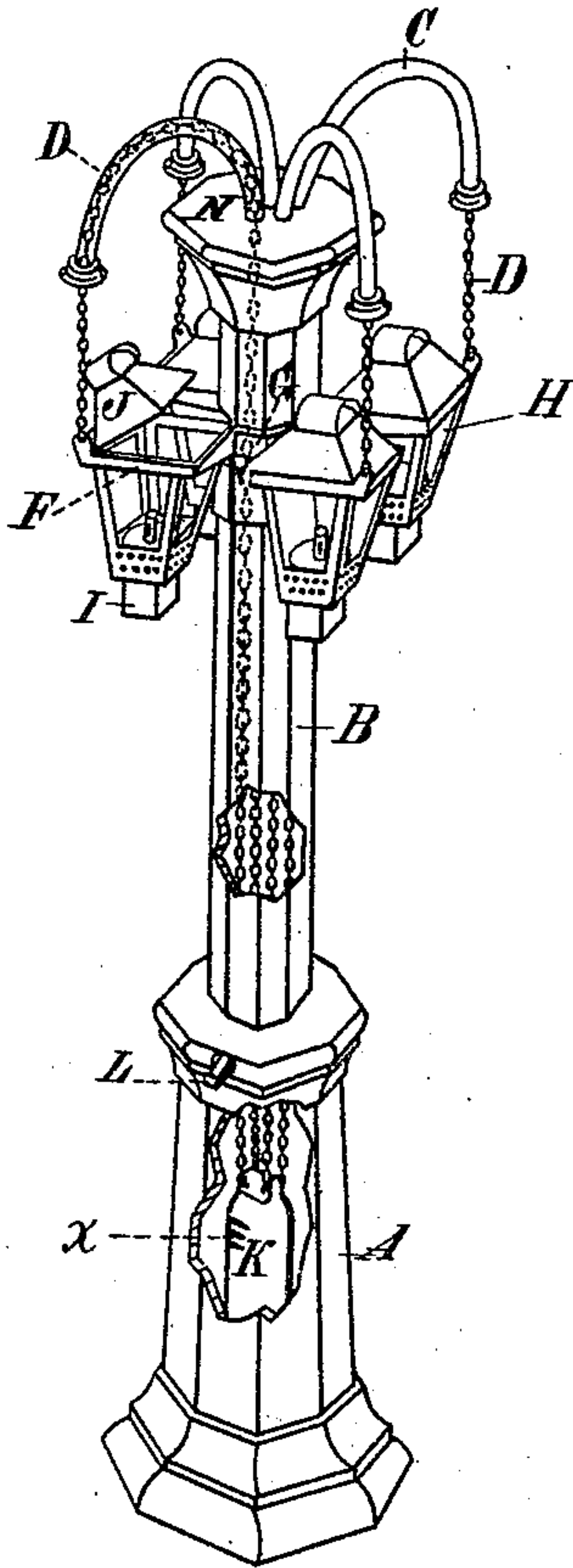


Fig. 1.

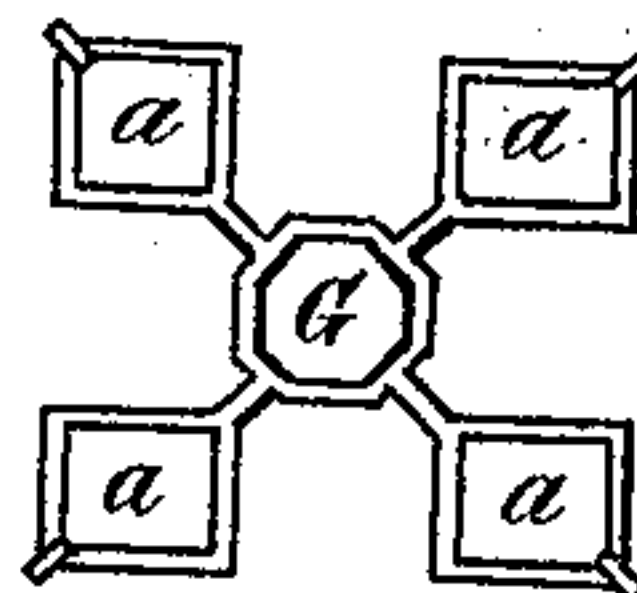


Fig. 2.

Witnesses:
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UNITED STATES PATENT OFFICE.

GEORGE D. BURTON, OF NEW IPSWICH, NEW HAMPSHIRE.

IMPROVEMENT IN LAMPS.

Specification forming part of Letters Patent No. **178,508**, dated June 13, 1876; application filed November 9, 1875.

To all whom it may concern:

Be it known that I, GEORGE D. BURTON, of New Ipswich, in the county of Hillsborough, State of New Hampshire, have invented a certain new and useful Improvement in Lamps, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which my invention appertains to make and use the same, reference being had to the accompanying drawing, forming a part of this specification, in which—

Figure 1 is an isometrical perspective view, a portion of the base and shaft of the post being represented as broken away to show the weight and chains; and Fig. 2 a similar view showing the sliding frame.

Like letters of reference indicate corresponding parts in the different figures of the drawing.

My invention relates especially to that class of lamps which are designed for lighting streets, public parks, &c., and consists in a novel construction and arrangement of the parts, as hereinafter more fully set forth and claimed, by which a simpler, cheaper, more effective, and otherwise desirable article of this character is produced than is now in ordinary use.

The nature and character of this device will be readily obvious to all conversant with such matters from the following description:

In the drawing, A represents the base, B the shaft or body, and N the cap. These parts, which form the post, are hollow, and preferably cast integral, but may be made in

sections, if desired, and united in any convenient manner. Projecting from and opening into the cap N are four downwardly-curving hollow arms, C, carrying a series of chains, D. These chains extend into the base A, where their inner ends are attached to the weight or counter-balance K, their outer ends being secured to the sliding lamp-frame E. This frame has a central opening, G, for the shaft B, and also four quadrangular openings, a, for the lanterns H, the lanterns being fitted with covers J and lamps I in the ordinary manner. A pin or bolt, L, threaded to work in a nut (not shown) is disposed in the top of the base A, its inner end being shaped to fit the groove x in the weight K, and thus form a key or stop to secure the lamps I at any desired elevation.

In the use of my improvement it will be obvious that when the key-bolt L is withdrawn the lamps may be readily raised or depressed by sliding the frame along the shaft, the chains running freely through the arms, and the weight rising and falling within the body of the post.

Having thus explained my invention, what I claim is—

The combination, with the frame, lantern, and lamp, suspended by means of a chain, D, in the post A B N, of the grooved weight K, and pin or bolt L, substantially as and for the purpose described.

GEORGE D. BURTON.

Witnesses:

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