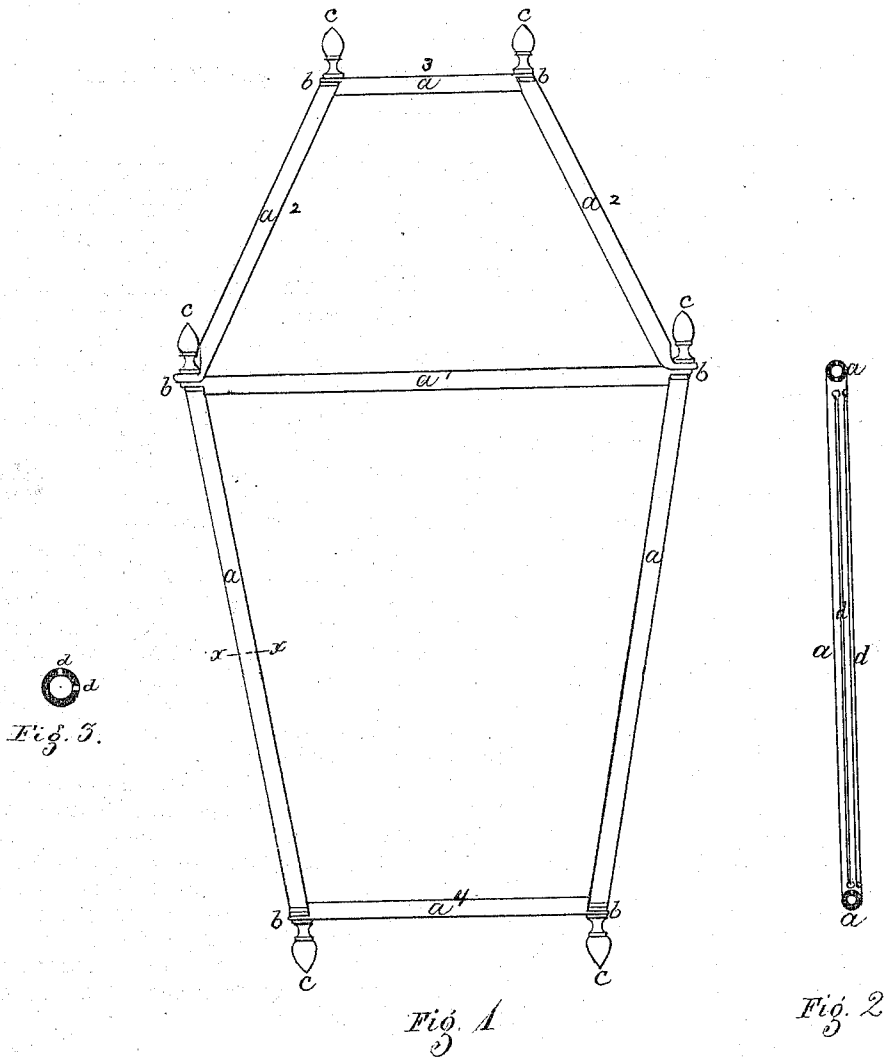


CHARLES F. HOLLIS.

Street Lantern.

No. 124,819.

Patented March 19, 1872.



Witnesses
Sam^l M. Barton
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CHARLES F. HOLLIS, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN STREET-LANTERNS.

Specification forming part of Letters Patent No. 124,819, dated March 19, 1872.

SPECIFICATION.

I, CHARLES F. HOLLIS, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Street-Lanterns, of which the following is a specification:

Figure 1 in the accompanying sheet of drawing represents a front view, and Fig. 2 is an inner view of one portion of my improved street-lantern; and Fig. 3 a section through line *x x*, Fig. 1.

The object of the present invention is to diminish the expense hitherto caused by the manual labor necessary to form the lanterns ordinarily in use, and also to provide a more convenient and less expensive means of transporting the lanterns from one place to another. My improvements consist in arranging the frame-work of a street-lantern of tubing, so as to be readily put together or taken apart by means of adjustable screw-knobs, which work in and hold the ends of the several tubes composing the frame. By making the frame of tubing, the labor hitherto performed by hand, in the manufacture of the ordinary street-lantern, is mostly done by machinery, thus saving time and labor, and consequently lessening the cost of the lantern. By arranging the frame in separate parts, adjusted by screw-knobs, the frame, instead of being packed in one piece, as has heretofore been necessary, is taken apart and disposed in a very much smaller compass, thereby diminishing the cost of transportation.

a a¹ a² a³ a⁴ represent metallic tubes of various lengths, which constitute the frame of the lantern. Both ends of the tubes *a* and the upper ends of the tubes *a²* are provided with screw-sockets, while the lower ends of the diagonal tubes *a²* and both ends of the horizon-

tal tubes *a¹, a³, and a⁴* are provided with flanges *b*, which overlap each other at the points of connection, and are secured by screw-knobs *c*, which pass through tapped orifices in the flanges *b* and enter the screw-sockets in the ends of the tubes *a a²*. By unscrewing the knobs *c c c*, &c., the several tubes *a, a¹, a² &c.*, are released, and may be packed away in a compact form for transportation. The tubes *a a²* are formed with slots *d d*, or corrugations, or any suitable arrangement to receive and hold the glass or other material inserted in them.

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

1. The combination and arrangement of the diagonal tubes *a a²*, having slots or corrugations *d*, the tubes *a* having screw sockets at both ends, and the tubes *a²* having similar sockets at one end and flanges *b* at the other, and the horizontal tubes *a¹ a³ a⁴*, all provided at their ends with tapped flanges, and united to tubes *a a²* by screw-knobs *c*, substantially as described.

2. As a new article of manufacture, a street-lantern frame, composed of lengths of tubing united at their ends through tapped sockets and flanges by screw-knobs, and holding the glass by means of longitudinal slots or corrugations cut in suitable portions of said tubing, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHAS. F. HOLLIS.

Witnesses:

CARROLL D. WRIGHT,
SAM'L. M. BARTON.