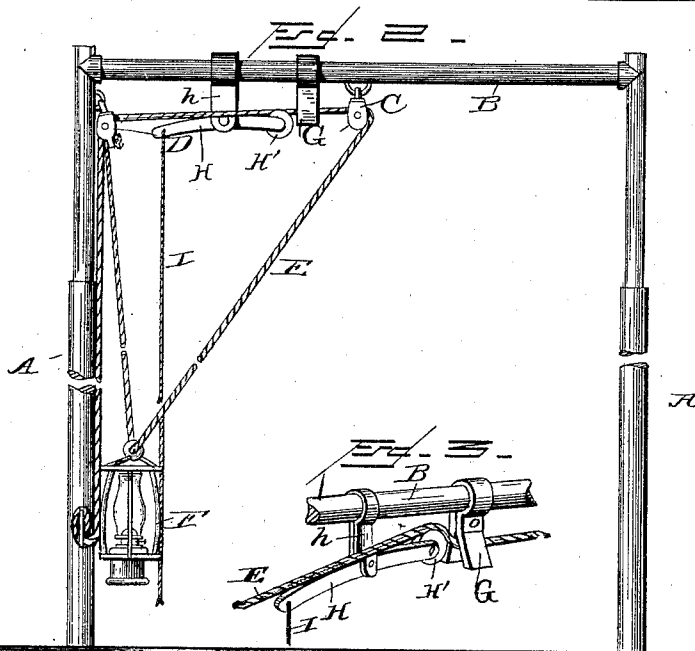
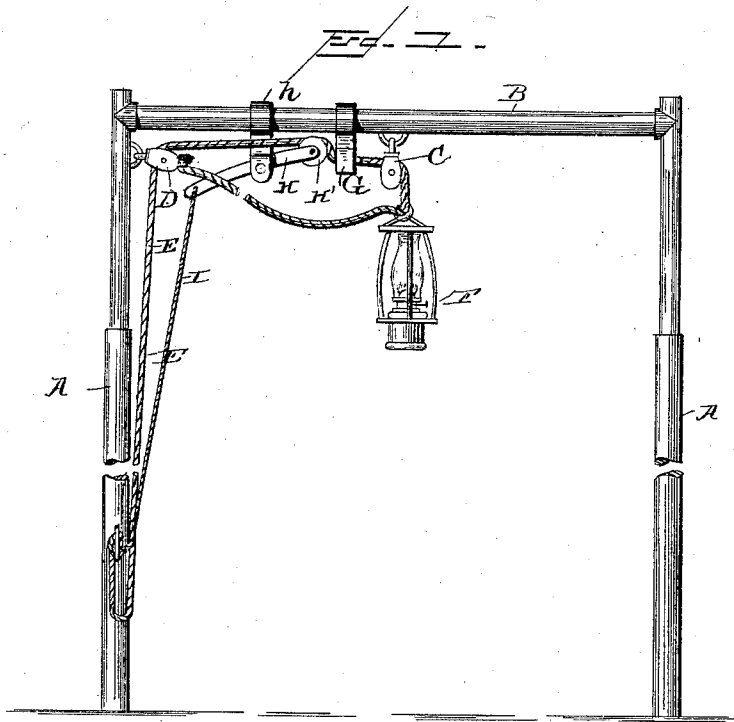


(No Model.)

A. MEYER.
STREET LAMP.

No. 448,533.

Patented Mar. 17, 1891.



WITNESSES

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UNITED STATES PATENT OFFICE.

AUGUST MEYER, OF ST. LOUIS, MISSOURI.

STREET-LAMP.

SPECIFICATION forming part of Letters Patent No. 448,533, dated March 17, 1891.

Application filed October 25, 1890. Serial No. 369,350. (No model.)

To all whom it may concern:

Be it known that I, AUGUST MEYER, a citizen of the United States, residing at St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Street-Lamps; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention consists in a new and improved street-lamp adapted for use in suburban villages, &c., which can be readily and conveniently lowered for the purpose of filling, cleaning, trimming, and lighting it and as readily raised to its normal position, and my invention will be hereinafter fully described and claimed.

Referring to the accompanying drawings, Figure 1 is a side elevation illustrating my invention, showing the lamp raised. Fig. 2 is a side elevation showing the lamp lowered, and Fig. 3 is a detail view illustrating the clamping device in perspective.

The same letters of reference indicate corresponding parts in all the figures.

Referring to the several parts by letter, A A indicate two uprights or poles connected at their upper ends by a cross-rod B. From the center of this rod B is supported a swiveled pulley C, and at the upper end of one of the poles A is similarly secured a pulley D.

E indicates the operating-rope, one end of which is secured permanently to the casing of the corner pulley D. At a suitable distance from this end the rope is secured to a wire frame F, in which the lamp is secured, and the rope then runs up and around the middle pulley C, and then beneath the top rod B to the corner pulley D, over which it passes, its free end extending down to a suitable convenient point, being then tied to a cleat *a* on the pole A.

To lower the lamp, the rope E is slacked, running over the pulleys D and C, and letting the lamp swing down gradually to the side of the post A, where it can be conveniently reached to clean, trim, fill, or light. When the lamp is ready to hoist, by pulling on the free end of the rope it is raised again to the middle of the cross bar or rod B.

Upon the cross-bar B, near the central pulley C, is secured a clamping-bracket G, through the open inverted-V-shaped lower end of which

the operating-rope E runs, and a short clamping-lever H is centrally pivoted in a bracket *h* to one side of this clamping-bracket. The inner end of this lever extends near this clamping-bracket and has a small grooved pulley H' journaled in it, over which the operating-rope E runs. To the outer end of this lever is secured the clamping-cord I. When the lamp is being raised or lowered, the cord I is slacked, and the operating-rope E runs freely through the V-shaped bracket G; but when the lamp is raised it is held in its elevated position by drawing down the cord I and fastening its end around the cleat *a*. By pulling down the cord I the inner end of the lever H is raised until the roller H' there secured presses the operating-rope up firmly in the V-shaped clamping-bracket G, binding it in the bracket, and thus holding the lamp securely in its elevated position.

From the foregoing description, taken in connection with the accompanying drawings, the construction, operation, and advantages of my invention will be readily understood. It will be seen that my new and improved street-lamp is very simple and cheap in construction and exceedingly convenient and efficient in operation. It will effect a great saving in time and labor in removing, filling, cleaning, and trimming lamps, as the lamp can be lowered and raised again in a moment with little trouble or delay.

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

The combination of the uprights A, the cross-piece B, the pulley secured to the center of the cross-piece, the clamping device G, secured on the cross-bar, the centrally-pivoted lever H, having the grooved pulley at its inner end and the operating-cord I at its outer end, the corner pulley D, and the operating-rope E, secured at one end to the corner pulley, passing around the middle pulley and then over the corner pulley, and having a lamp secured to it at a suitable distance from its fixed upper end, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

AUGUST MEYER.

Witnesses:

ADAM LINCK,
OTTO G. STAFF.