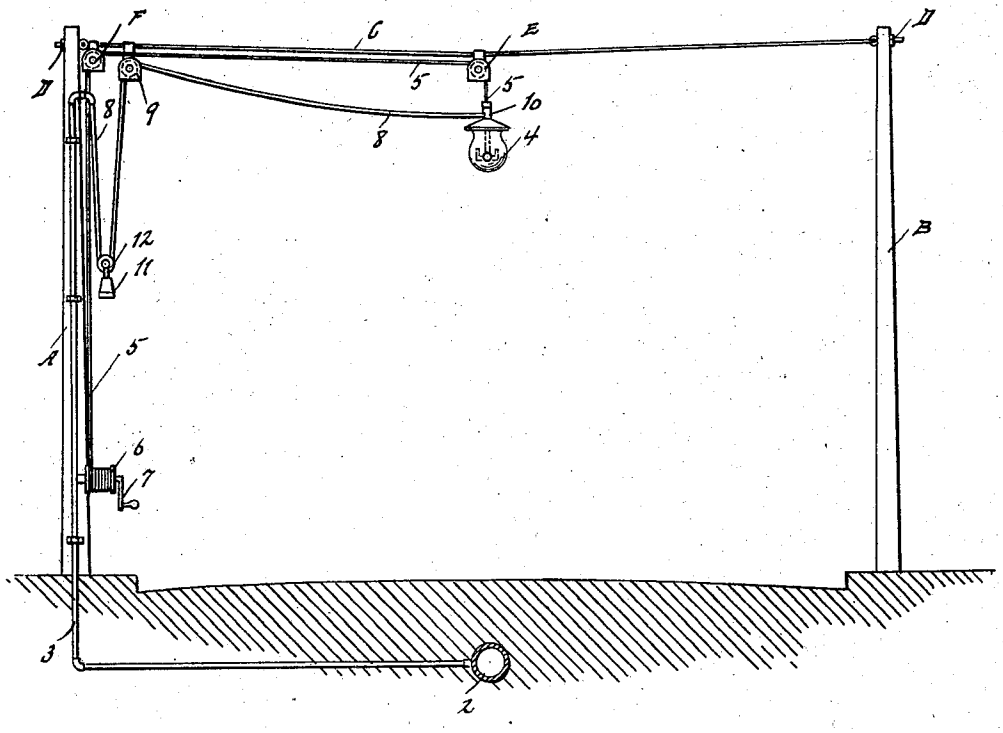
No. 726,773. PATENTED APR. 28, 1903.

P. W. SHUTE.

SUPPORT FOR STREET LAMPS.

APPLICATION FILED OCT. 11, 1902.

NO MODEL.



WITNESSES

J. G. Massey

May E. Kott.

INVENTOR

Peter W. Shute

By

Parker & Burton Attorneys.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

PETER W. SHUTE, OF YPSILANTI, MICHIGAN.

SUPPORT FOR STREET-LAMPS.

SPECIFICATION forming part of Letters Patent No. 726,773, dated April 28, 1903.

Application filed October 11, 1902. Serial No. 126,837. (No model.)

To all whom it may concern:

Be it known that I, PETER W. SHUTE, a citizen of the United States, residing at Ypsilanti, county of Washtenaw, State of Michigan, have invented a certain new and useful Improvement in Supports for Street-Lamps; and I 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 pertains to make and use the same, reference being had to the accompanying drawing, which forms a part of this specification.

This invention relates to supports for street-lamps, and has for its object an improved means for supporting a street-lamp centrally over the roadway of the street in a position to be easily and readily lowered, so that it may be trimmed and otherwise prepared and so that it may be raised and securely held in suitable position for lighting purposes.

The support is especially intended for a gas-burning lamp in which the gaseous fuel is carried through a street-main, from the street-main through pipes to a suitable height, and from the top of the pipe through a flexible conductor to the lamp itself.

In the drawing is represented the light suspended in its elevated position.

A and B indicate poles erected at the sides of the roadway. These are connected by a wire or a rod C, provided with suitable stretching mechanism D, by means of which the wire or rod C can be tightly strained. A sheave E is clamped to the middle part of the wire, and a sheave F is clamped to one end of the wire near the post A. A street-main 2 supplies gas to an individual supply-pipe 3, that emerges from the ground near the post A and rises to near the top of the post. A lamp 4 is suspended from the end of a cable-cord 5, and the cable-cord passes over the sheaves E and F, down the post A to a winding-drum 6, actuated by a removable hand-winch 7 and arranged to be locked to prevent mischievous interference with the lamp at all times when the handle 7 of the winch is removed.

From the top of the pipe 3 a flexible gas-conducting pipe 8 passes over a sheave 9, that is fixed to the wire C near the top of the post A and communicates with the hanging pipe 10 in the lamp 4. A weight 11 is hung on a sheave 12, that runs on the slack part of the conductor 8 and causes that part of the conductor which is between the sheave 9 and the lamp 4 to retain its strained condition and yet allows the lamp to have freedom of movement when the lamp is lowered by unwinding the cord 5 from the drum 6. When the lamp is lifted to the position shown in the drawing, the weight 11 pulls the slack part of the cord downward, removing the unsightly loop.

What I claim is—

A suspending device for street-lamps, comprising in combination poles connected by a strained wire that spans the roadway, a street-lamp, a suspension-cord passing from the street-lamp over sheaves along the wire and down one of said posts to a winch, a supply-pipe for gas extending vertically along one of said posts, a flexible supply-pipe extending from the top of the supply-pipe to the lamp, a supporting-sheave arranged to hold the flexible pipe near the top of the supply-pipe, and a straining-weight arranged to strain the flexible pipe, substantially as described.

In testimony whereof I sign this specification in the presence of two witnesses.

PETER W. SHUTE.

Witnesses:
MAY E. KOTT,
CHARLES F. BURTON.