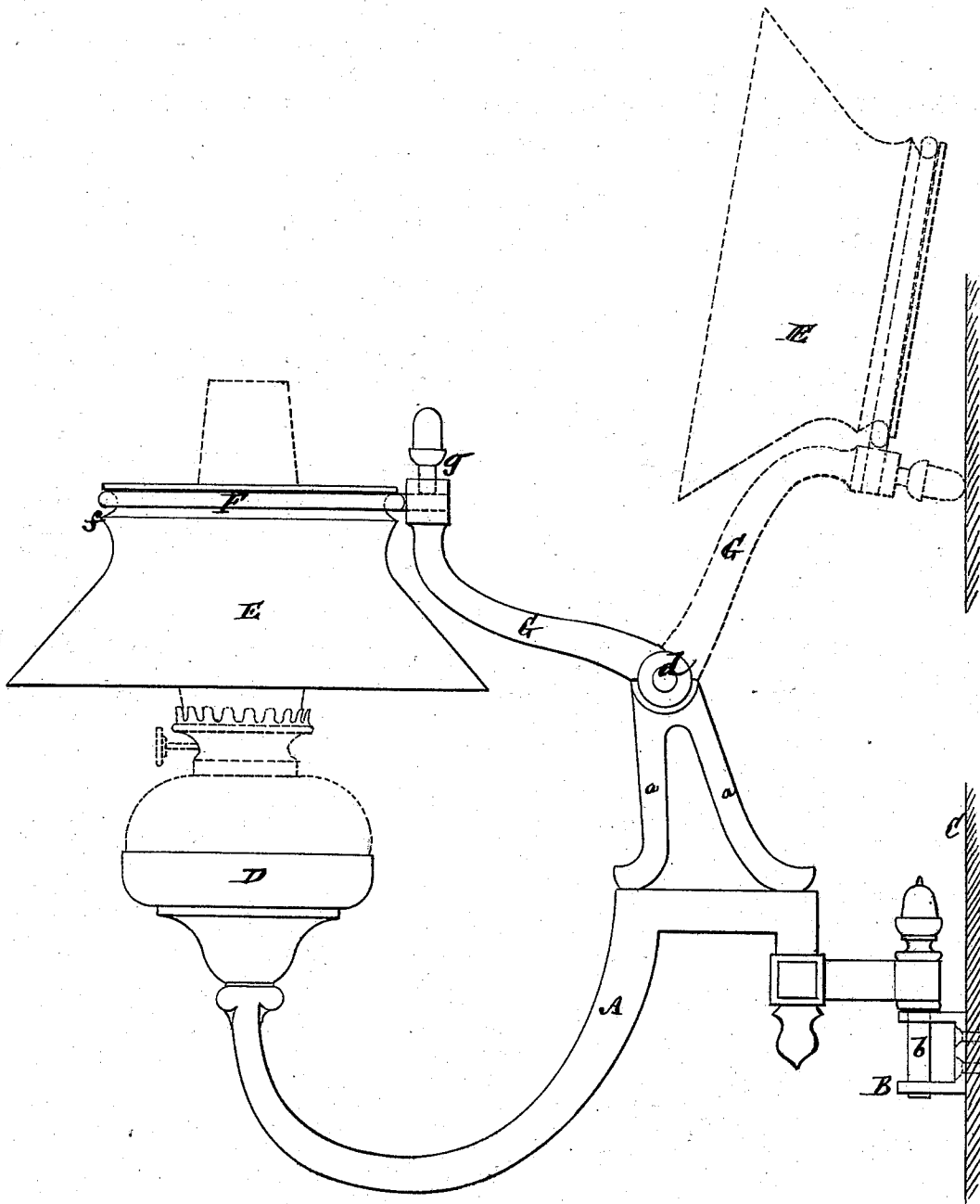


E. STEVENS.

SHADE-HOLDERS FOR LAMPS AND GAS-FIXTURES.

No. 174,022.

Patented Feb. 22, 1876.



Witnesses
John Becker
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UNITED STATES PATENT OFFICE.

ELISHA STEVENS, OF CROMWELL, CONNECTICUT.

IMPROVEMENT IN SHADE-HOLDERS FOR LAMPS AND GAS-FIXTURES.

Specification forming part of Letters Patent No. **174,022**, dated February 23, 1876; application filed January 17, 1876.

To all whom it may concern:

Be it known that I, ELISHA STEVENS, of Cromwell, in the county of Middlesex and State of Connecticut, have invented a new and useful Improvement in Shade-Holders for Lamps and Gas-Fixtures; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification.

My improvement relates to shade-holders, both for oil-lamps and chandeliers or gasaliers, but is more especially designed for oil-lamps, to facilitate trimming and filling.

The invention consists in a shade-holder composed, in part, of a ring or crown applied to the upper portion of an open-top globe or shade, to prevent the casting of objectionable shadow below the flame when the shade is a transparent one; and, in part, of an arm or branch carrying said crown, and hinged or jointed to an arm or standard rising from the bracket, chandelier, or gasalier, on or beyond one side of the shade, and so that the shade may be thrown up and back from a fulcrum or center of motion, the axis of which is horizontal, or approximately so, whereby the shade, when thrown down or forward again, is necessarily returned to its proper position in relation with the burner, no matter whether the bracket or support to which the shade-holder is hinged be a swinging or stationary one.

This attachment, too, of the shade-holder provides for the shade clearing the chimney applied to the burner when a chimney is used.

The drawing represents a side elevation of a swinging-bracket lamp attached to a wall and having my improvement applied.

A is the bracket, arranged to swing by an upright post or pivot, *b*, in a socket, B, secured to the wall C. This bracket forms the support for the burner or lamp-holder D; also, carries the hinged or jointed shade-holder, which is attached by a horizontal pivot, *d*, or in any other suitable manner, to an arm or standard, *a*, rising from the bracket A, said pivot or joint being at the back or to one side of the burner and of the shade E. The shade-holder is composed, in part, of a ring or crown, F, constructed to grasp a neck, *f*, on the up-

per portion of an open-top globe or shade, E; and, in part, of an arm or branch, G, in one end of which the ring or crown F, that may be split to facilitate the removal of the shade, is secured by a screw, *g*, while the other end of said arm is attached by the pivot or joint *d* to the bracket or support A, to provide for the shade-holder being swung vertically.

This attachment of the shade-holder does away with objectionable shadow from the ring or crown F, when the shade is a transparent one, and no matter whether the bracket or support A be a stationary or swinging one, the proper position of the shade in relation with the burner, when the shade is let down to its place, is insured, and the arm or branch G provides, by the distance of its joint *d* from the center of the burner, for the shade clearing a chimney applied to the burner, as said shade is swung into either position shown for it by full and dotted lines.

The joint *d* may be a butt one to arrest the shade-holder in its two extreme positions; or any suitable special stop may be used for the same purpose.

A like shade-holder, and similarly attached, may be applied to a chandelier or gasalier and to various kinds of lamps.

Of course, the shape of the bracket or supporter A may be variously modified.

I am aware that a street-lamp has been constructed of a bent arm or standard, having a sleeve adapted to set over the upper end of a street-lamp, and said arm extending upward at the side of a glass globe, the upper end of the bent arm provided at its other end with a cap or cover for the glass globe, so that said cap or cover can be thrown back to allow the glass globe to be removed; but such is not my invention, and is hereby disclaimed.

I claim—

The combination, with a bracket, A, having an arm or standard, *a*, of the pivoted arm or crown G and ring or crown F, constructed to carry an open-top globe or shade, and to operate in respect to a lamp or burner, substantially as described.

ELISHA STEVENS.

Witnesses:

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