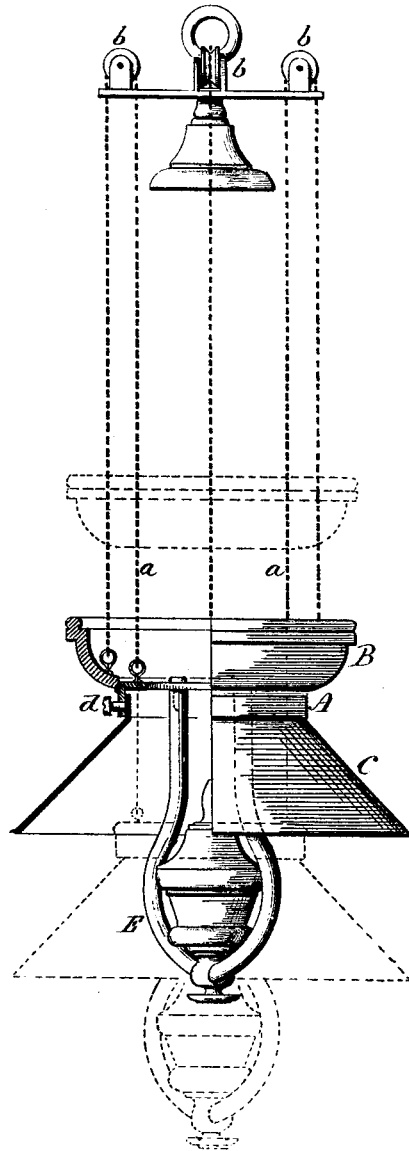


J. A. EVARTS.  
EXTENSION LAMP FIXTURES.

No. 183,913.

Patented Oct. 31, 1876.



Witnesses.  
*J. H. Channing*  
*Clara Broughton*

*John A. Everts*  
By (Att'y) *Inventor*  
*J. S. Everts*

# UNITED STATES PATENT OFFICE.

JOHN A. EVARTS, OF WEST MERIDEN, CONN., ASSIGNOR TO THE BRADLEY AND HUBBARD MANUFACTURING COMPANY, OF SAME PLACE.

## IMPROVEMENT IN EXTENSION-LAMP FIXTURES.

Specification forming part of Letters Patent No. **183,913**, dated October 31, 1876; application filed May 6, 1876.

*To all whom it may concern:*

Be it known that I, JOHN A. EVARTS, of West Meriden, in the county of New Haven and State of Connecticut, have invented a new Improvement in Extension-Lamp Fixtures; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent a sectional side view.

This invention relates to an improvement in what are called extension-lamp fixtures—that is to say, a fixture which, when suspended, will allow the lamp to be drawn down, or rest at different elevations.

In the usual construction the shade serves as the counter-balance, and raises while the lamp is drawn down. Hence the shade can serve its full purpose only in one predetermined position.

The object of this invention is so to construct the fixture that the lamp and shade together will be drawn down; and it consists in a weighted ring, which forms substantially a crown for the shade when the two are together suspended by one end of chains or cords over pulleys from the support above, combined with a shade-holder attached to the second end of the said chains or cords, and the lamp attached to the said shade-holder, all as more fully hereinafter described.

A is the shade-ring, from which chains or cords *a* extend up over pulleys *b*, thence down, and the other end of the chains attached to a weight-ring, B, and so that by drawing down the shade-ring the weight-ring will rise, as indicated in broken lines; but when the shade-ring is at its highest elevation, then the weight-ring rests thereon, and forms a cap or crown to the shade-ring A, to which the shade C is secured by the set-screw *d*, or other device. To the shade-ring the lamp-holder E is attached, so as to move up and down with the shade and its ring, as indicated in broken lines.

The ring B is made of sufficient weight to counterbalance the shade, its ring, and lamp, and so that the lamp may rest at any position between its two extremes.

I claim—

The combination of the weight-ring B, the shade-ring A, to which the lamp and shade are attached, the said shade-ring and weight-ring adjustably connected by chains or cords from a support above the said weight-ring, constructed to rest upon or crown the shade, all substantially as described.

J. A. EVARTS.

Witnesses:

R. P. RAND,  
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