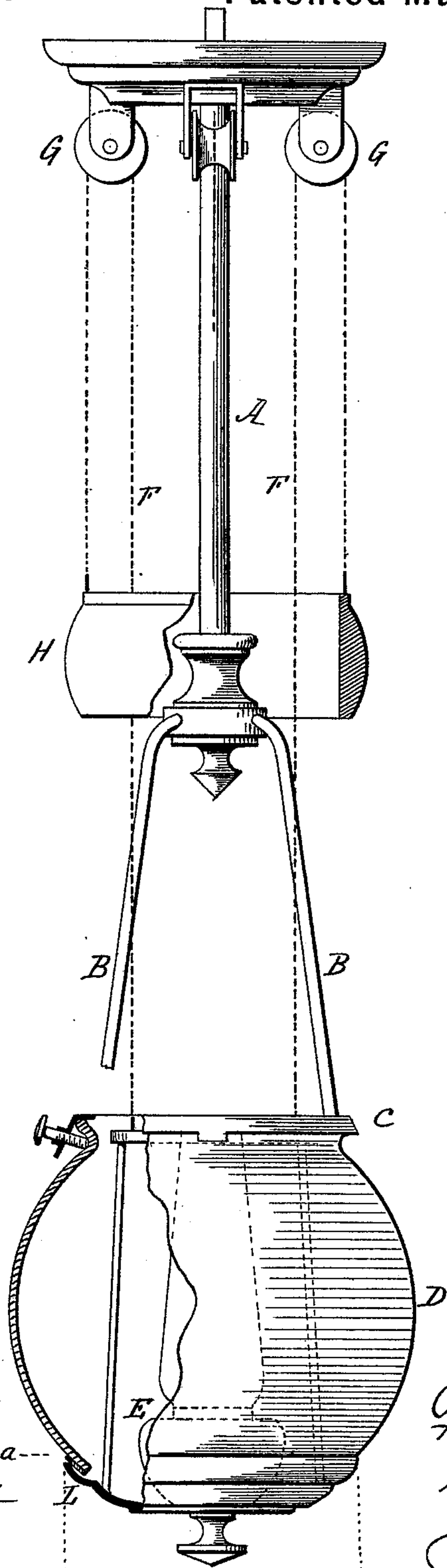


F. R. SEIDENSTICKER.  
Extension-Lamp Fixture.

No. 213,457.

Patented Mar. 18, 1879.



Witnesses.

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# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN EXTENSION LAMP-FIXTURES.

Specification forming part of Letters Patent No. **213,457**, dated March 18, 1879; application filed October 26, 1878.

*To all whom it may concern:*

Be it known that I, F. ROBERT SEIDENSTICKER, 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 drawing and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification, and represents a sectional side view.

This invention relates to an improvement in that class of extension-fixtures designed especially for halls of dwellings, or for other places where a single lamp only is required.

In the usual construction the shade has been suspended to one end of the chains, the lamp at the other, so that when the lamp is pulled down the shade will rise; or the shade and lamp have been attached together to one end of the chain, and a weight at the other, so that the lamp and shade come down together. In either case there is a lack of stability to the fixture, it being necessarily suspended by flexible chains or cords, easily swings, and requires great care in bringing the parts together.

The object of this invention is to overcome these difficulties; and it consists in the construction, as hereinafter described, and more particularly recited in the claims.

A is a rigid rod, from the lower end of which extend rigid supports B to the shade-ring C. This shade-ring is constructed and provided with suitable securing devices, so as to engage and hold the shade D, and thus suspend the shade by rigid connections, it being understood that the rod A is the suspending-rod.

E is the lamp, supported by chains or cords F, running over pulleys G, with a suitable weight, H, attached to the other end.

The lamp is provided with a base, L, to form a stop against the shade below, and preferably so as to close that end in the case of a spherical shade. The lamp is drawn down in the usual manner for lighting, trimming, or other purposes, leaving the shade rigidly sus-

pending, the weight serving to hold the lamp in its elevated position within the shade.

While specially designed for a spherical shade, it will be readily seen that the open or flaring shade may be used. In that case a stop should be made at the top.

Because of the rigid support of the shade, the objections to which the flexible suspending devices are liable are entirely avoided. The shade maintains its position in consequence of such suspension, and much less care is therefore required in moving the lamp than with the flexible connection.

The weight here shown is in the form of a ring attached to the several lamp-suspending chains; but it will be understood that independent weights may be used, if desirable.

In order to prevent injury to the globe, as well as to avoid the noise which would be occasioned by bringing the lamp up against the bottom of the shade, an india-rubber or flexible material, *a*, is introduced between the two and made fast to one or the other, and so that when the two come together this material *a* forms the bearing-point.

I am aware of Patent No. 189,064, and do not wish to be understood as claiming anything therein contained.

I claim—

1. The combination of a shade suspended from above by rigid connections with a lamp movable vertically from within said shade downward, the said lamp suspended from above and through the shade, substantially as described.

2. The combination of a shade suspended from above by rigid connections independent of the lamp with a lamp movable vertically from within said shade downward, the said lamp suspended from above and through the shade, and an elastic or flexible bearing between said shade and the lamp-support, substantially as described.

F. ROBERT SEIDENSTICKER.

Witnesses:

JAMES P. PLATT,  
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