

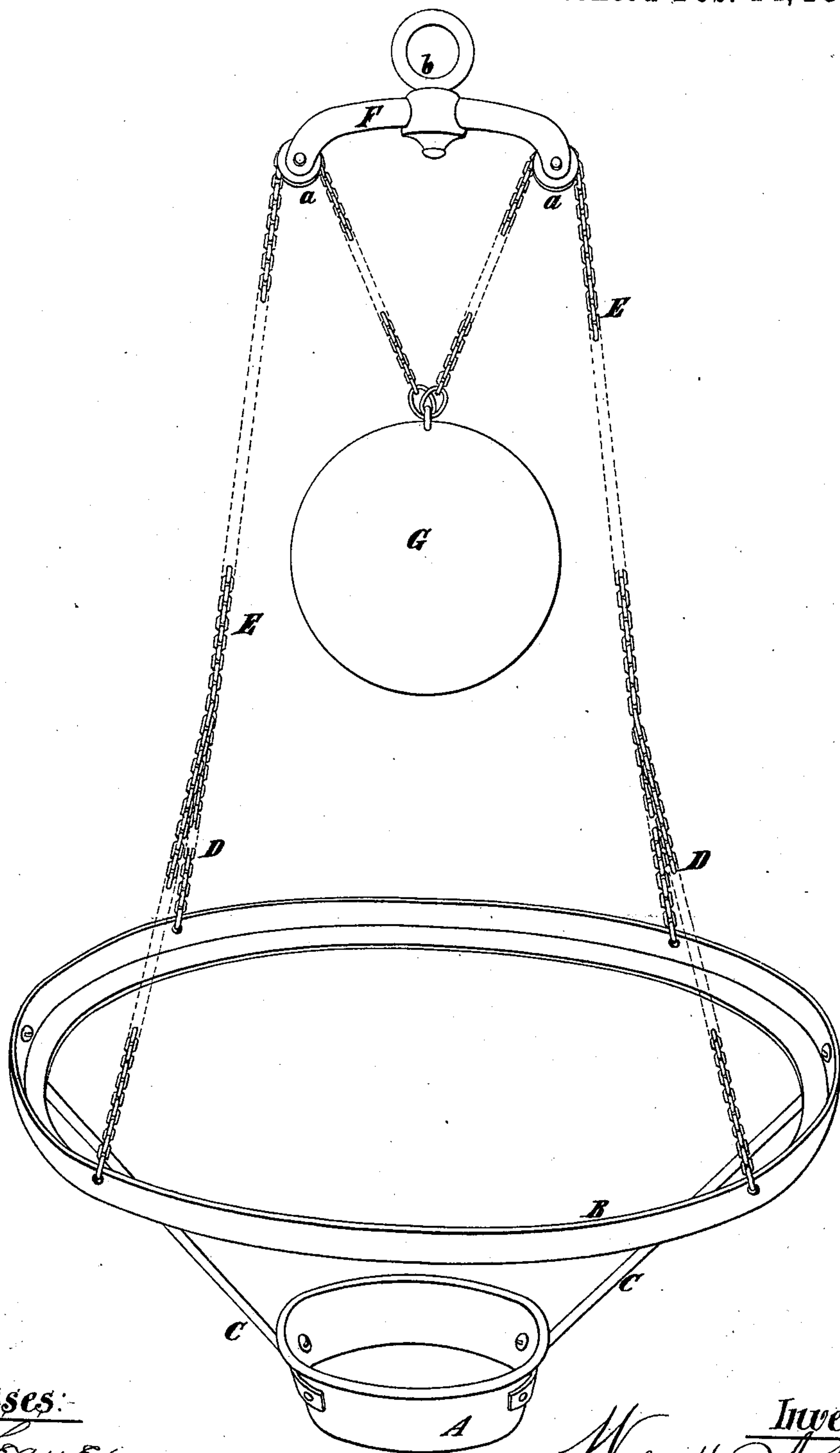
(No Model.)

W. A. HULL.

LAMP FIXTURE.

No. 253,706.

Patented Feb. 14, 1882.



Witnesses:

J. H. Keane
George H. Bott

Inventor:

Wolcott A. Hull
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UNITED STATES PATENT OFFICE.

WOLCOTT A. HULL, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO THE
ANSONIA BRASS AND COPPER COMPANY, OF SAME PLACE.

LAMP-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 253,706, dated February 14, 1882.

Application filed September 15, 1881. (No model.)

To all whom it may concern :

Be it known that I, WOLCOTT A. HULL, of New York, in the county and State of New York, have invented certain new and useful Improvements in Lamp-Fixtures, of which the following is a specification—

My improvements relate to that class of lamp-fixtures which are known as "library-lamps," and wherein the lamp is suspended from chains and counterbalanced by a weight.

The object of my improvements is to simplify and cheapen such a lamp-fixture. The improvements consist in the combination, with a holder for a lamp, rods or arms connecting said ring and holder, and a hanger, of two chains having their ends fastened at about equidistant points to the said ring, and two other chains fastened to the bight or middle portion of the first-mentioned chains and extending to the hanger, whereby the desired end is attained. The two chains which extend to the hanger are passed around pulleys placed at some considerable distance apart in the hanger, and thence extend to a counterbalancing-weight.

The accompanying drawing is a perspective view of a lamp embodying my improvements.

A designates the holder for the lamp, which is designed to be used in the fixture. It may be of any suitable construction, and is adapted to receive the reservoir of the lamp within it. It is connected at two opposite points to two opposite points of a shade-supporting ring, B, by means of two rods or arms, C, which may be of metal or any other suitable material, and may be secured to it and the shade-ring in any desirable manner.

D designates two chains, of metal or other suitable material, whose ends are fastened at about equidistant points to the shade-ring B. To the bight or middle portion of these chains are fastened the lower ends of two chains, E, which pass up over pulleys *a* on a hanger, F, and thence downward to a weight, G.

The hanger F may be of any approved form and construction, and may be provided with a

loop, *b*, whereby it may be suspended from a ceiling or other support.

The weight G may be of any desired make and pattern, and may, if desirable, have suspended from it a smoke-bell.

The pulleys *a* are placed at some considerable distance apart, opposite each other in the hanger, and tend to prevent the swinging of the lamp.

This combination of the chains D and E affords a very stable support for the shade-ring and lamp-holder, and one which cannot be easily tilted. It very materially cheapens the cost of the fixture, because it reduces the amount of chain necessary to afford a stable support to the shade-ring and lamp-holder, and simplifies the construction of the hanger, because the latter then needs only two pulleys instead of three, as heretofore has been necessary.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, with a shade-supporting ring, a holder for a lamp, rods or arms connecting them, and a hanger, of two chains having their ends fastened at about equidistant points to the said ring, and two other chains fastened to the bight or middle portion of the first-mentioned chains and extending to the hanger, substantially as specified.

2. The combination, with a shade-supporting ring, a holder for a lamp, rods or arms connecting them, a hanger, and a counterbalancing-weight, of two chains having their ends fastened at about equidistant points to the said ring, and two other chains fastened to the bight or middle portions of the first-mentioned chains, extending to the hanger and passing over pulleys arranged therein at some considerable distance apart, and then down to the counterbalancing-weight, substantially as specified.

WOLCOTT A. HULL.

Witnesses:

A. S. TERRY,

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