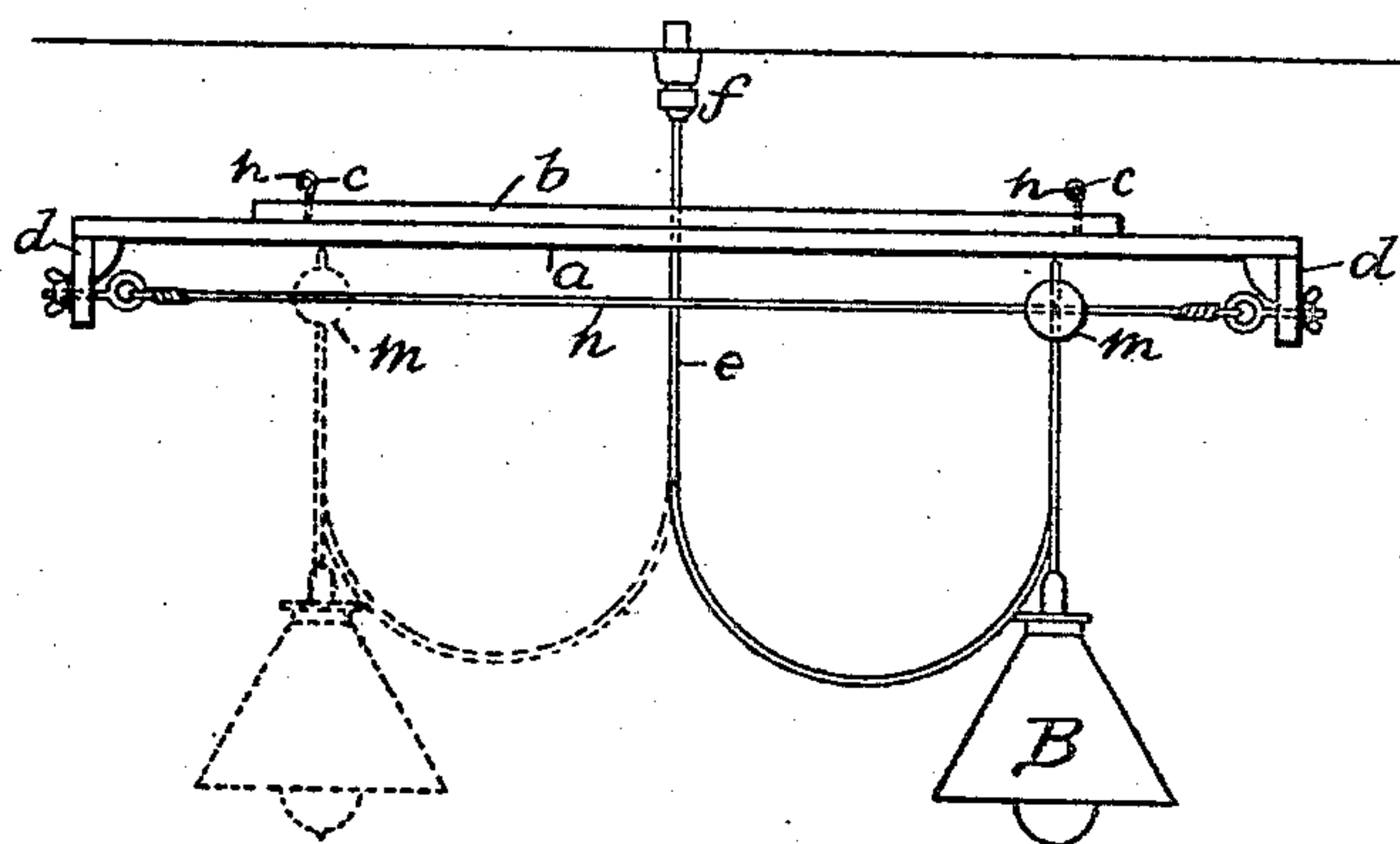
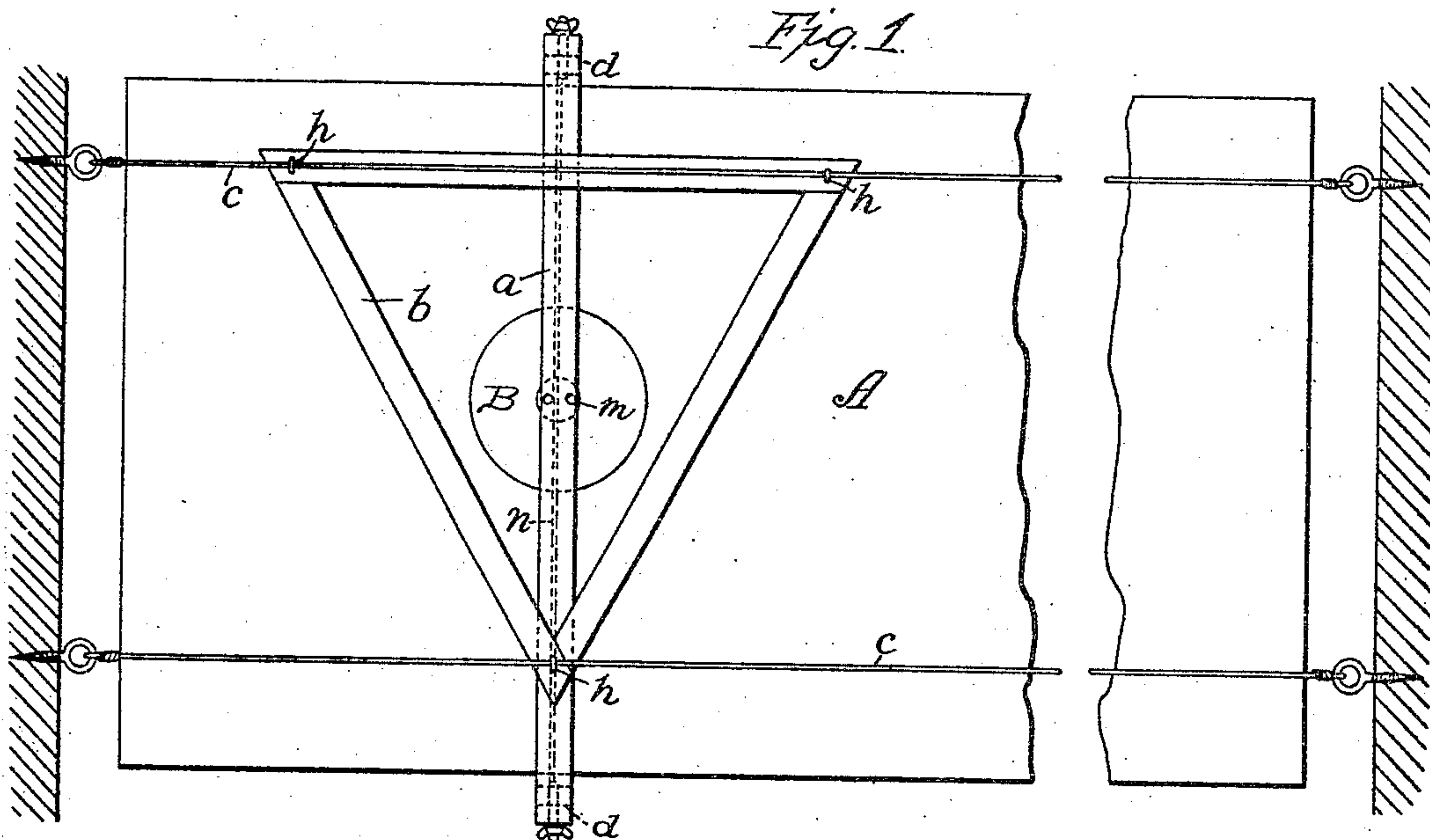


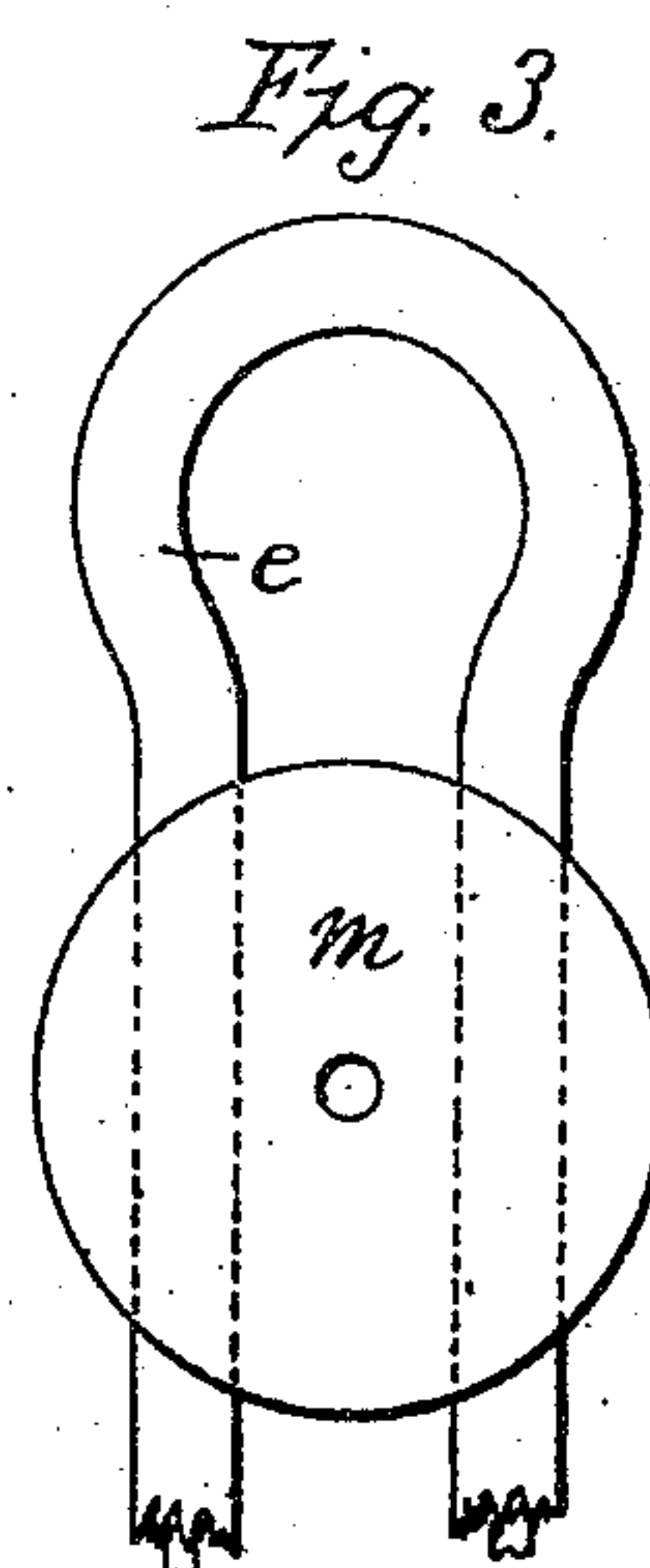
R. S. BEARD.  
CARRIAGE FOR ELECTRIC LAMPS.  
APPLICATION FILED APR. 26, 1909.

943,174.

Patented Dec. 14, 1909.



*Fig. 2.*



ATTEST  
*Bentley*

*Edw. R. Tolson*

INVENTOR  
ROBERT S. BEARD.

*By Spear, Middleton, Donaldson & Spear*  
ATTYS

# UNITED STATES PATENT OFFICE.

ROBERT S. BEARD, OF WARWICK, NEW YORK, ASSIGNOR OF ONE-HALF TO L. A. RILEY,  
2D, OF WARWICK, NEW YORK.

CARRIAGE FOR ELECTRIC LAMPS.

943,174.

Specification of Letters Patent.

Patented Dec. 14, 1909.

Application filed April 26, 1909. Serial No. 492,409.

*To all whom it may concern:*

Be it known that I, ROBERT S. BEARD, citizen of the United States, residing at Warwick, New York, have invented certain new and useful Improvements in Carriages for Electric Lamps, of which the following is a specification.

My invention is designed to provide simple and convenient means for supporting an electric light over a work table or bench so as to secure the ready adjustment of the lamp, not only as to height, in relation to the table, but to change the relative position of the light and table so as to bring the light directly over any part of the table where a strong light is desired at a certain point.

I aim to carry out my invention in a very simple and inexpensive manner.

In the accompanying drawings, Figure 1 is a plan view of a table or bench with the supporting means for the electric light, also shown. Fig. 2 is an elevation showing the table, lamp and its supporting means, two positions of the lamp being shown, one in full and one in dotted lines. Fig. 3 is a view of a detail.

I have shown at A a form of table which is representative of any bench, desk or the like, used for drafting or for any other purpose.

Stretched between the adjacent walls or other supports are two wires *c* forming ways upon which a triangular frame *b* moves, this frame being supported by hooks *h* screwed into the frame, the hook parts extending over the wire ways. Preferably I use two of these supporting hooks on one side and one on the other.

I do not limit myself to this form of frame, as a rectangular frame may be used instead, if desired, or indeed any other frame. The frame *b* supports in turn a cross bar *a*, and this has depending lugs *d* at the end, between which a wire way *n* is

stretched, extending laterally of the position of the table.

The electric lamp is shown at B and has the usual flexible connection *e* to its ceiling or wall connection *f*.

A bob or double disk *m* is threaded upon the wire *n*, so as to be capable of movement thereon from end to end, while the flexible support *e* of the lamp has frictional connection with the disks *m* so as to be supported thereby, and to be capable of being adjusted in relation thereto so as to raise or lower the lamp in respect to the table.

It will thus be observed that by the simple construction described the frame *b* may be moved on its ways longitudinally, so as to bring the lamp in any desired position over the table from end to end, while by reason of the lateral movement of the lamp support on the wire *n* any position of the lamp may be obtained in relation to the table from side to side.

What I claim is:

1. In combination with wire ways, a support adjustable longitudinally thereof, a way extending at right angles to the longitudinal supports and carried by said support, a lamp, and an intermediate support for the lamp laterally movable on the way, substantially as described.

2. In combination with parallel ways, a supporting frame carried thereby and adjustable longitudinally thereof, a transverse way carried by said support, an electric lamp, a support therefor moving on the way, said lamp being adjustably held by said support so as to be raised and lowered, substantially as described.

In testimony whereof, I affix my signature in presence of two witnesses.

ROBERT S. BEARD.

Witnesses:

JOHN N. SHAW,

GEORGE W. GORANSON.