

L. A. WILLIAMSON.
 PORTABLE ELECTRIC LIGHT FIXTURE.
 APPLICATION FILED OCT. 13, 1910.

994,291.

Patented June 6, 1911.

Fig. 1.

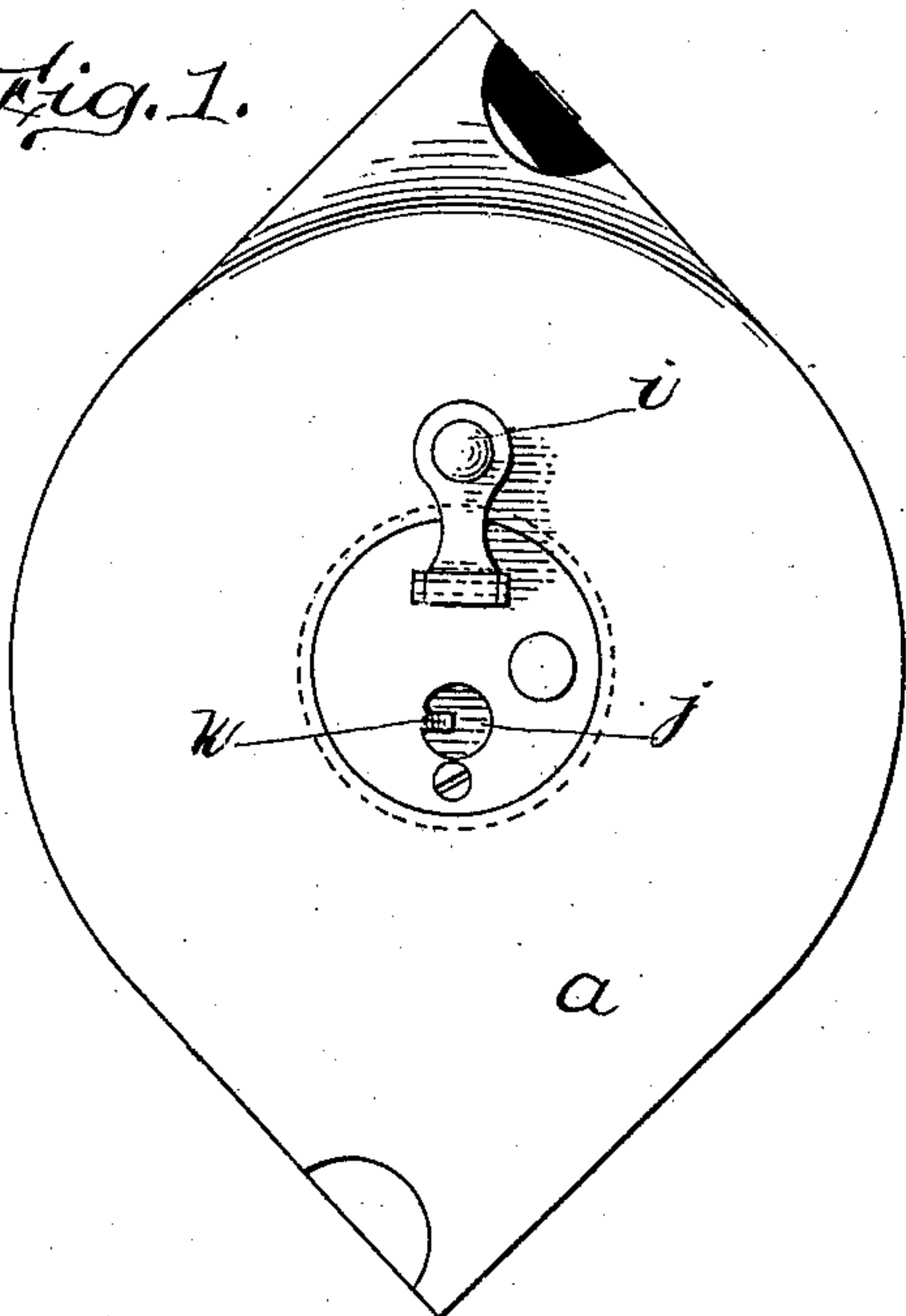


Fig. 2.

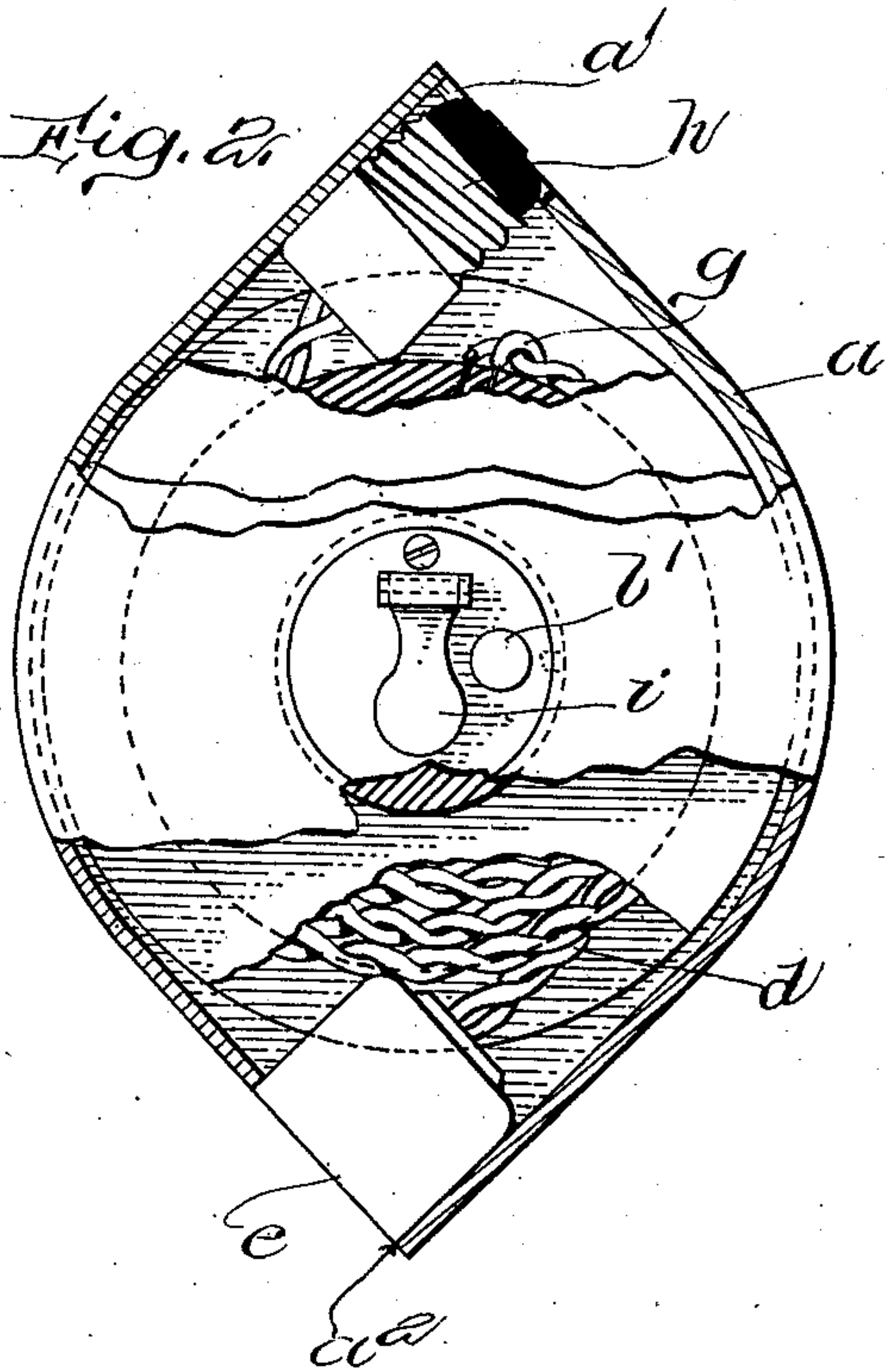


Fig. 3.

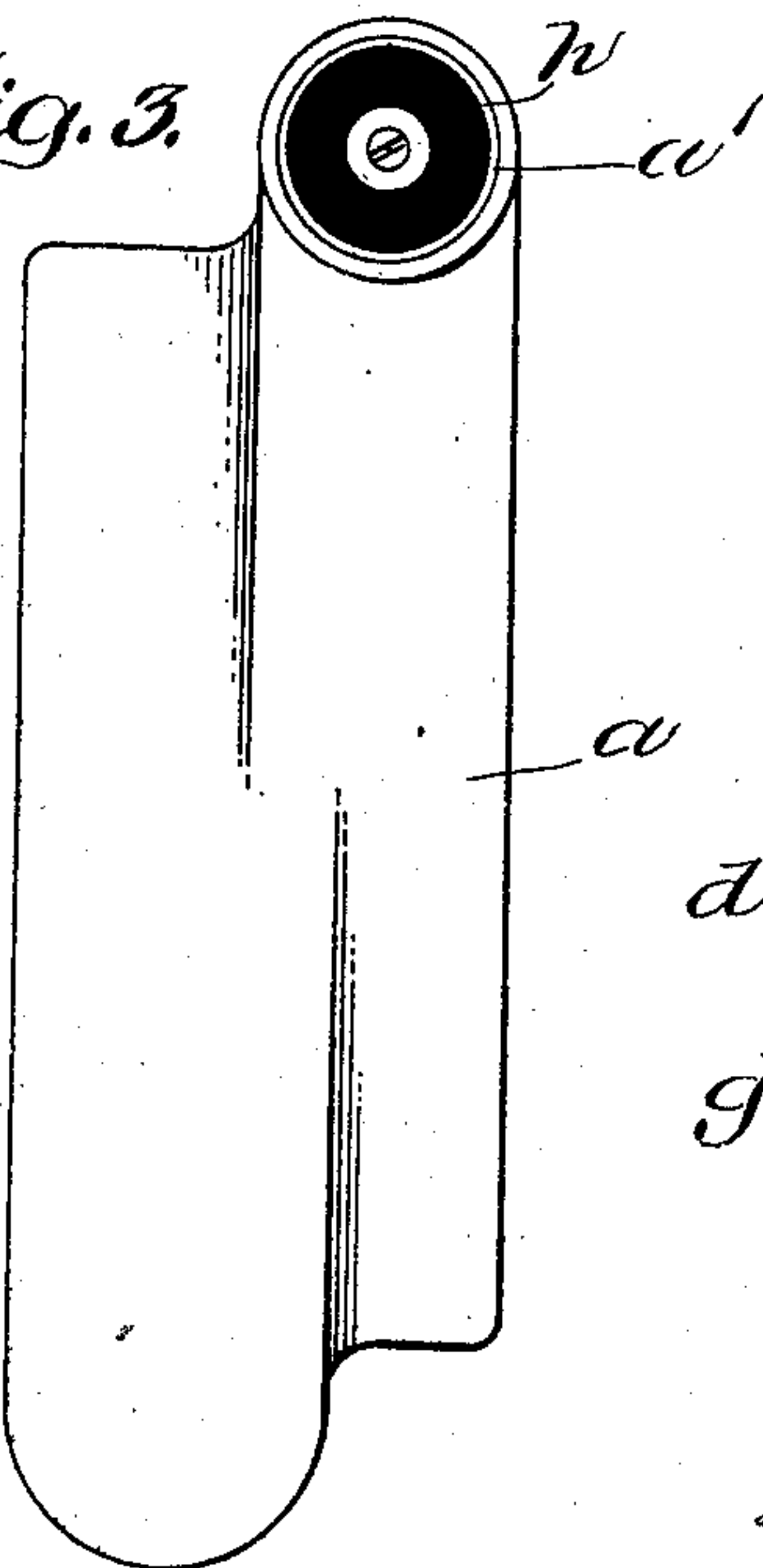
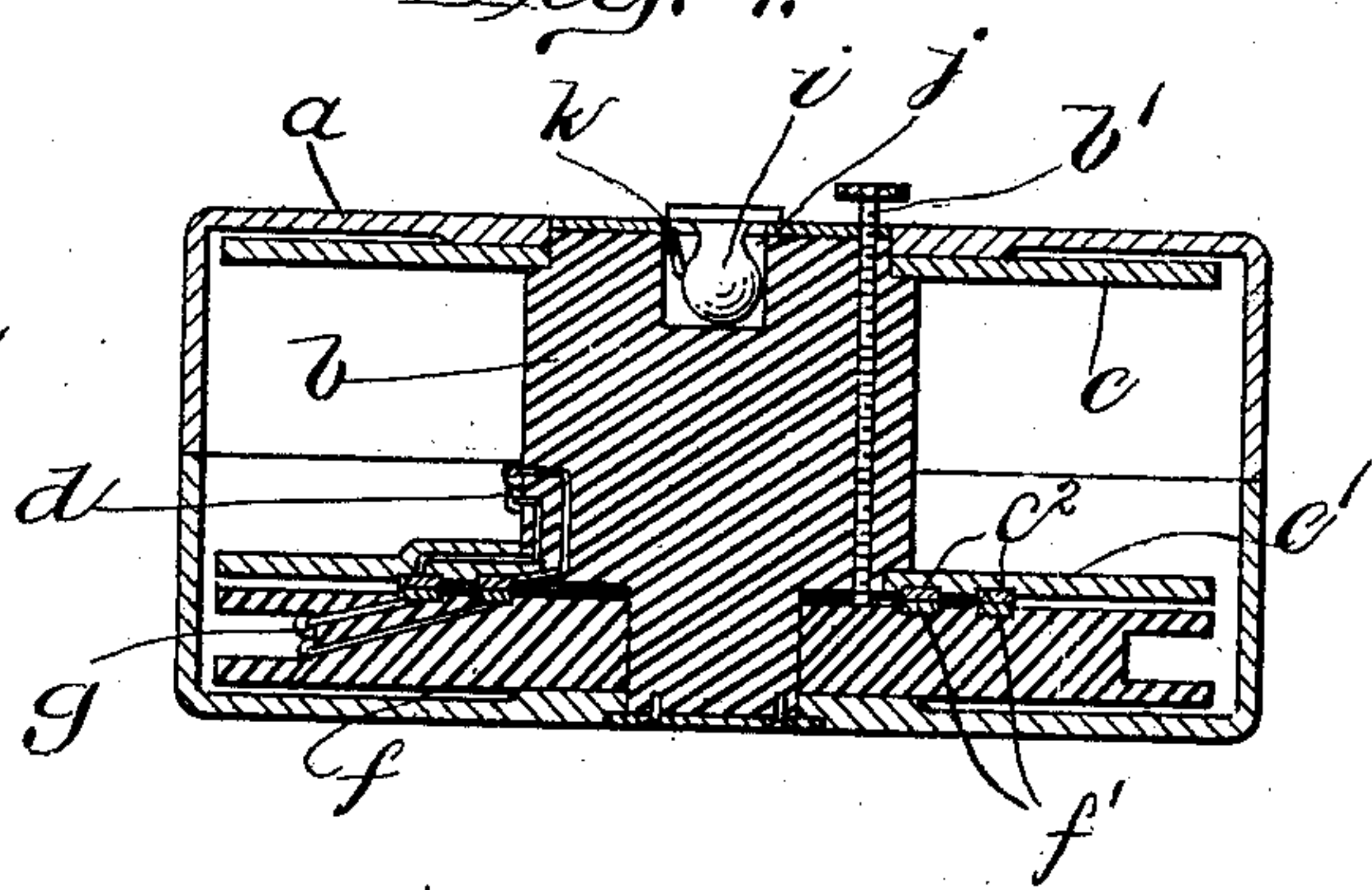


Fig. 4.



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UNITED STATES PATENT OFFICE.

LEROY A. WILLIAMSON, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO L. A. WILLIAMSON COMPANY, OF NEW YORK, N. Y., A CORPORATION OF MASSACHUSETTS.

PORTABLE-ELECTRIC-LIGHT FIXTURE.

994,291.

Specification of Letters Patent.

Patented June 6, 1911.

Application filed October 13, 1910. Serial No. 586,883.

To all whom it may concern:

Be it known that I, LEROY A. WILLIAMSON, of Boston, county of Suffolk, and State of Massachusetts, have invented certain new and useful Improvements in Portable-Electric-Light Fixtures; and I do hereby declare the following specification, taken in connection with the accompanying drawings, forming a part of the same, to be a full, clear, and exact description thereof.

My invention relates to an improved form of portable electric light fixture of the same general character as the fixture forming the subject of my Letters Patent, No. 914,772, dated March 9, 1909.

It is the object of the present invention to provide a form of portable electric light fixture which is extremely simple in construction and cheap to manufacture.

To that end the invention consists in the novel construction, arrangement and combination of parts hereinafter described and claimed, reference being made to the accompanying drawings, in which—

Figure 1 is a side elevation of my novel portable fixture. Fig. 2 is a similar view with a portion of the front side broken away. Fig. 3 is an edge view. Fig. 4 is a central transverse sectional view.

Referring to the drawings, *a* represents a casing in the side walls of which is journaled a hub *b* provided with flanges *c* and *c'*. Loosely mounted on a reduced end of the hub *b* adjacent the flange *c'* is a spool *f*. Arranged on the outer face of the flange *c'* are two annular metal rings *c²* which are arranged to be in frictional engagement with two similar annular metal rings *f'* on the inner face of the spool *f*, as shown in Fig. 4.

Wound upon the hub *b* between the flanges *c* and *c'* is a quantity of electric lamp cord *d*, one end of which is connected to the metal rings *c²* and the other end of which is connected to an electric lamp socket *e*. Wound upon the spool *f* is a quantity of electric lamp cord *g*, one end of which is connected to the metal rings *f'* and the other end of which is connected to an electric attaching plug *h*. On one end of the hub *b* is a hinged operating handle *i* which may be closed into a recess *j* when not in use and held in place by a spring *k*, as shown in Fig. 1. Passing through the hub *b* near the periphery thereof is a set screw *b'* which is adapted to en-

gage and disengage an opening in the spool *f*, as shown in Fig. 4. The casing *a* is provided with oppositely disposed openings *a'* and *a²* for housing the plug *h* and socket *e*, respectively.

The operation of the device will be readily understood. The set screw *b'* is normally in engagement with the spool *f* so that said spool will rotate with the hub *b*. By rotating said hub to the right in Fig. 2 by means of the operating handle *i* the wires *d* and *g* will unwind. It will be seen that I have preferred to make the cord *g* much shorter than the cord *d* so that when the cord *g* has been unwound its full length the set screw *b'* may be disengaged from the spool *f*, thereby allowing the hub *b* to rotate independently of the spool *f* and further unwind the cord *d*. The cords are wound in a similar manner.

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

1. In a device of the character described, the combination, with a suitable casing, of a hub mounted to revolve therein, a spool loosely mounted on one end of said hub, a piece of lamp cord wound upon said hub, a lamp socket secured to one end of said cord, a piece of lamp cord wound upon the loosely mounted spool, an attaching plug secured to one end of said cord, means for connecting the opposite ends of said pieces of cord, means for revolving said hub, and means for connecting said spool to revolve with said hub.

2. In a device of the character described, the combination, with a suitable casing, of a hub mounted to revolve therein and provided with a flange, a spool loosely mounted on a reduced portion of said hub adjacent said flange, two annular metal rings on one side of said flange arranged in frictional contact with two annular metal rings on one side of said spool, a piece of lamp cord wound upon said hub and having one end secured to the metal rings on the flange, and a lamp socket secured to the other end, a piece of lamp cord wound upon said spool and having one end secured to the metal rings on said spool, and an attaching plug secured to the other end, means for revolving said hub, and a set screw mounted in said hub and adapted to engage and disengage said spool.

3. In a device of the character described,

the combination, with a casing provided with openings adapted to house a lamp socket and an attaching plug, of a piece of lamp cord within said casing carrying a
5 lamp socket and a piece of lamp cord carrying an attaching plug, means within said casing connecting said pieces of lamp cord, and means for drawing said socket and plug into said casing.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
