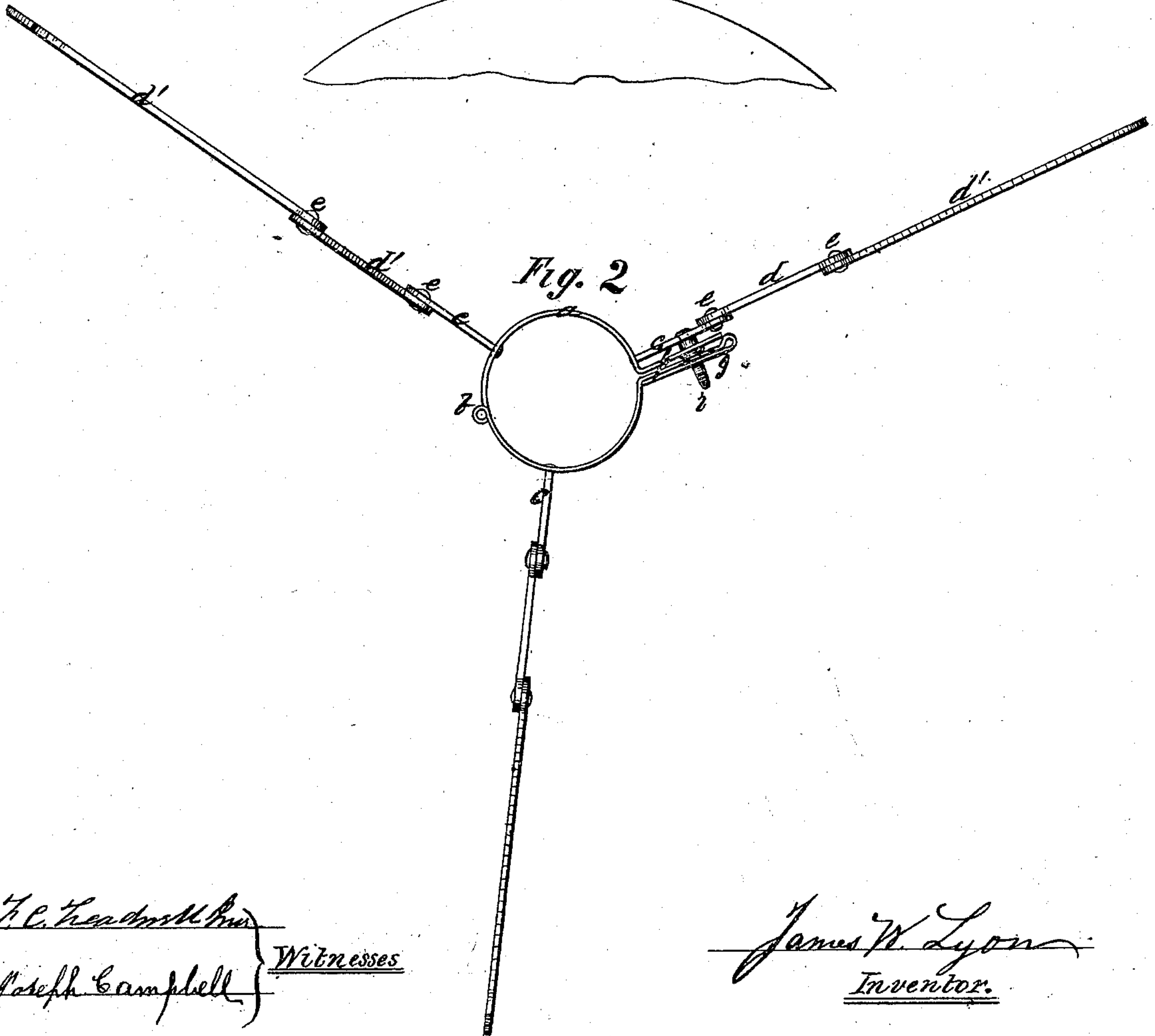
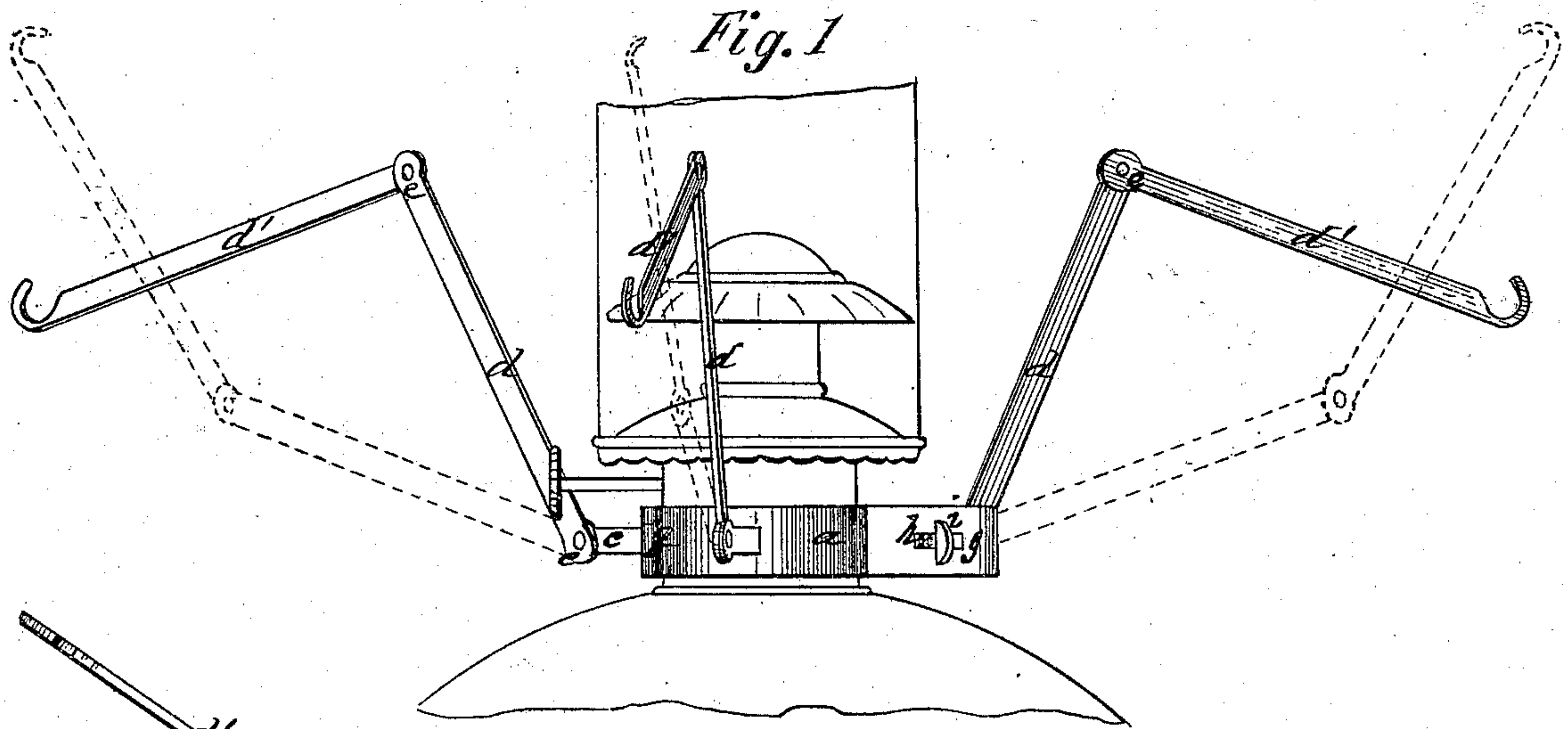


J. W. LYON.  
Lamp Shade.

No. 113,181.

Patented Mar. 28, 1871.



*H. C. Headmott*  
*Joseph Campbell* } Witnesses

*James W. Lyon*  
Inventor.

# United States Patent Office.

JAMES W. LYON. OF BROOKLYN, NEW YORK.

Letters Patent No. 113,181, dated March 28, 1871; antedated March 18, 1871.

## IMPROVEMENT IN SHADE-HOLDERS FOR LAMPS.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, JAMES W. LYON, of the city of Brooklyn, county of Kings, in the State of New York, have invented certain new and useful Improvements in Shade-Holders for Lamps; and I do hereby declare that the following is a full and correct description thereof, reference being had to the accompanying drawing and to the letters of reference thereon.

My improved shade-holder is adapted to be secured by claspings it around the neck of a lamp, and has capacity to adapt itself to various different-sized shades, and to hold them, as desired, in a higher or lower position relative to the burner.

My invention consists in combining, with the central support, jointed supporting-arms, each arm having two joints, and attached to the central support by short rigid arms projecting from the central support, the double-jointed arms enabling the shade-holder to be adjusted to different sizes of shades, and to holding the shade higher or lower, as may be desired.

Figure 1 of the drawing represents my improved shade-holder as attached to a lamp.

Figure 2, a plan view of fig. 1.

Letter *a* represents the central support made of sheet metal.

*b*, the hinge.

*c*, the short fixed arms riveted to the central support.

*d d'*, the jointed arms connected with each other and with the short arms *d''* by the rivet-joints *e*.

The hinged central support *a* is made to clasp the neck of the lamp with elastic pressure, in order to compensate for slight variations of size, and to grasp the neck firmly.

To this end the sheet metal of central support is bent out at the ends, as shown at *f* and *g*, to form a sort of spring-hasp or clasp, the part *g* having a slot, *h*, cut in it to permit the passage of the button *i*, by which it is secured.

The button *i* is formed upon a swivel-stem, which passes through the part *f*, and is riveted so as to turn freely in a hole in the fixed short arm *c*.

The dotted lines in fig. 1 represent a change of position of the arms.

I claim as my invention and improvement in shade-holders for lamps—

In combination with a central support, the double-binged or jointed arms, whereby the shade-holder can be adjusted to different sizes and different elevations of shades, as desired.

JAMES W. LYON.

Witnesses:

F. C. TREADWELL, Jr.,  
JOSEPH CAMPBELL.