

(No Model.)

J. KINTZ.
LAMP SHADE SUPPORT.

No. 400,855.

Patented Apr. 2, 1889.

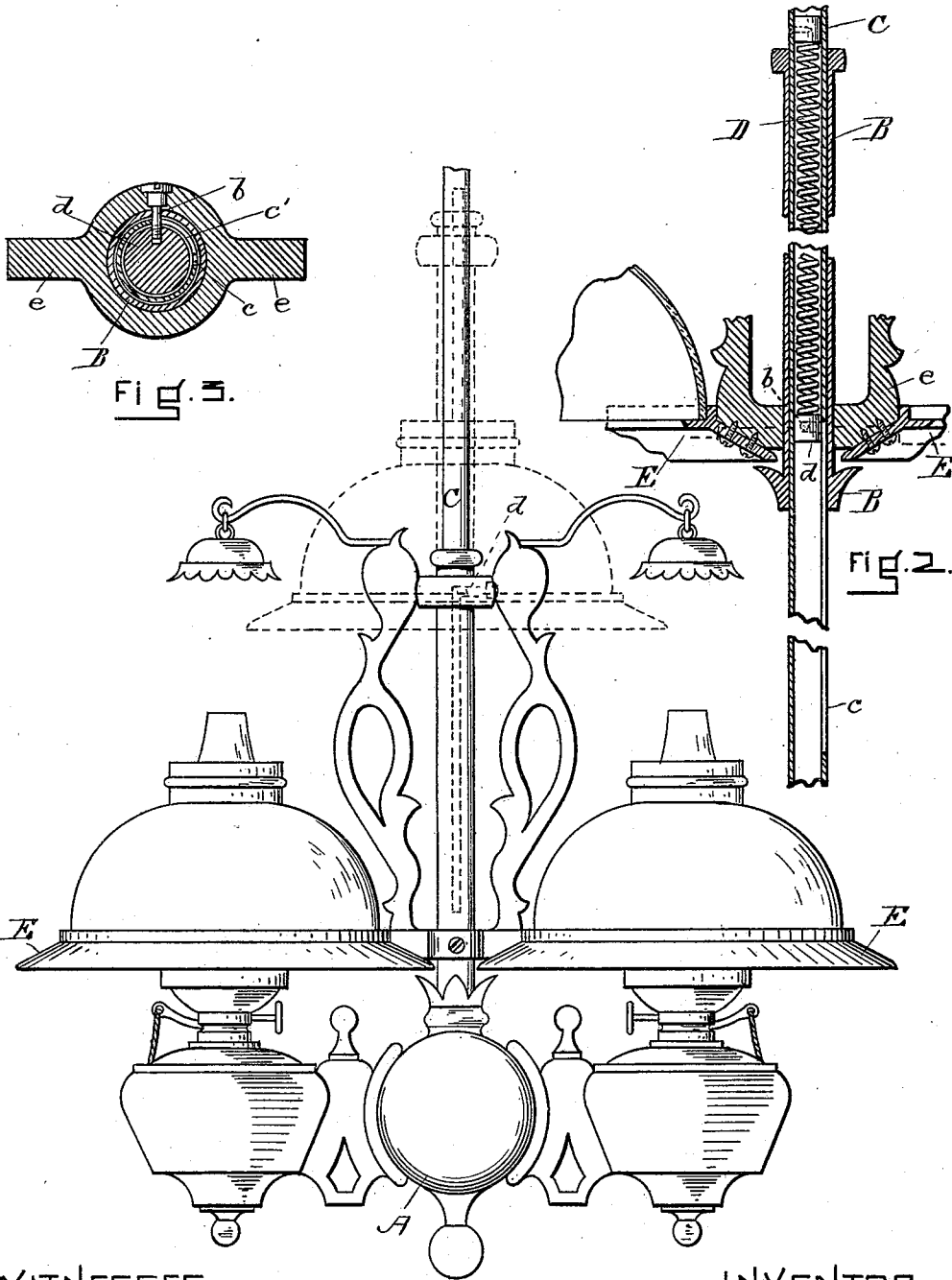


FIG. 3.

FIG. 2.

FIG. 1.

WITNESSES.

E. B. Tomlinson.
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INVENTOR.

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UNITED STATES PATENT OFFICE.

JOSEPH KINTZ, OF BALLARD VALE, MASSACHUSETTS.

LAMP-SHADE SUPPORT.

SPECIFICATION forming part of Letters Patent No. 400,855, dated April 2, 1889.

Application filed September 21, 1888. Serial No. 286,020. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH KINTZ, of Ballard Vale, in the county of Essex and State of Massachusetts, a citizen of the United States, have invented certain new and useful Improvements in Lamp-Shade Supports, of which the following is a specification.

My invention relates to that class of illuminating devices in which a plurality of lights are employed—for example, the ordinary two-light gas or kerosene chandelier. Its object is to improve the mechanism by which the shades of the lamps of the chandelier may be elevated and held at an elevated position above their respective lamps, when desired.

In the drawings, Figure 1 shows in vertical elevation a two-light chandelier provided with my improvement. Fig. 2 is a central vertical section, enlarged; and Fig. 3 is a cross-section, also enlarged, on the line xx of Fig. 2, illustrating the operation of the devices by which the shades are elevated and supported.

In the drawings, A represents a two-light kerosene-chandelier of ordinary construction. The shade-holder for these lights consists of a sleeve or tube, B, adapted to be raised and lowered upon the supporting-standard C of the chandelier, which in practice is attached to the ceiling or other convenient point of support. To arms upon this sleeve B are attached the rings E, which receive the shades; also connected with the sleeve B is a stud, b , which enters a slot, c , in the standard C, and at the upper portion of this slot, or that point where the stud b will come when the shade-holder is fully raised, a right-angled slot, c' , (see Fig. 3.) is also made in the standard.

The construction above described enables the sleeve B to be raised, when desired, until its stud is carried to the top of the slot c , thereby carrying the shades above and clear of the lamps of the fixture. The sleeve B being now turned slightly the stud b enters the right-angled slot and holds the shade-carrier in its elevated position, where it may remain until it is desired to bring back the shades to

their original position, which may be done by reversing the operation already described. I prefer to make the length of the slot c' equal to one-quarter of the circumference of the standard, so that when the stud reaches the inner end of the right-angled slot the shades will be at a right angle to their former position, as shown at Fig. 1 in dotted lines.

A convenient way of making the standard is to make it hollow, as shown, when its interior may be utilized to contain a spring, D, the upper end of which is secured to the standard in any convenient manner, while the lower end is connected with the lamp-shade-carrying sleeve B, preferably by a threaded extension of the stud b , as shown, entering a small slide-piece, d , to which the lower end of the spring D is secured. The length of this spring should be made such that it will be extended whenever the lamp-shade sleeve is below its highest position, so as to act as a counter-balance in a well-known manner.

I am aware that it is not broadly new with me to make use of vertical and right-angled slots in a standard, in combination with a sleeve and a stud entering the said slots, as a means of elevation and suspension; and I do not desire to claim any such contrivance, broadly.

I claim—

In a chandelier, the improvement in shade elevating and supporting devices herein described, consisting of the standard C, provided with the vertical slot c and the upper horizontal slot, c' , and the sleeve B, having the lamp-shade holders attached, said sleeve being provided with a stud, b , adapted to enter the said slots, whereby the shade-holder and shades may be raised, lowered, and secured in position, all substantially as set forth.

In testimony whereof I have hereunto subscribed my name this 18th day of September, A. D. 1888.

JOSEPH KINTZ.

Witnesses:

J. HENRY TAYLOR,
E. B. TOMLINSON.