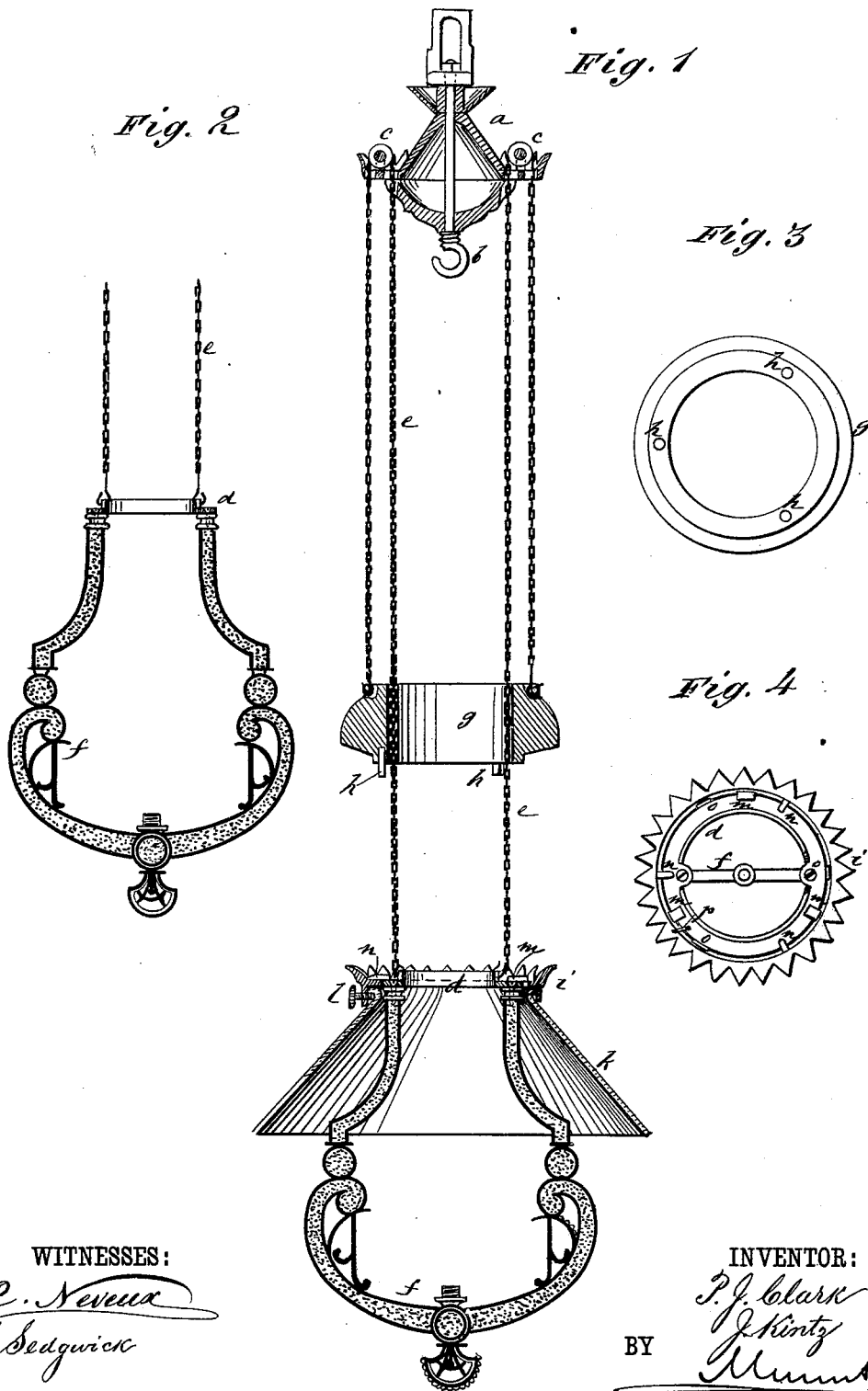


P. J. CLARK & J. KINTZ.
Hanging-Lamp.

No. 213,389.

Patented Mar. 18, 1879.



WITNESSES:
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UNITED STATES PATENT OFFICE.

PARTRICK J. CLARK AND JOSEPH KINTZ, OF WEST MERIDEN, CONNECTICUT.

IMPROVEMENT IN HANGING LAMPS.

Specification forming part of Letters Patent No. 213,359, dated March 18, 1879; application filed August 15, 1878.

To all whom it may concern:

Be it known that we, PARTRICK J. CLARK and JOSEPH KINTZ, of West Meriden, county of New Haven, State of Connecticut, have invented a new and Improved Hanging Lamp, of which the following is a specification:

Our invention relates to the class of hanging lamps wherein the globe and shade-holder are suspended by a chain, so as to be drawn down and balanced by a weight, that rests upon the shade-holder when the lamp is raised to its highest point.

The object of our invention is to prevent the jar resulting from the contact of the weight and shade-ring, which often breaks the glass shade or the fount, and also to construct the shade-ring in such a manner that it may be separated from the fount-holder when it is desired to use the lamp without a shade.

Our invention consists in connecting rubber tips to the under side of the weight, upon the edge that rests on the shade ring or holder, and in attaching the shade-holder to the ring of the fount-holder by lugs that permit the separation of the two parts.

In the accompanying drawings, Figure 1 is a sectional elevation of our improved lamp, complete. Fig. 2 is an elevation of the fount-holder with the shade-holder removed. Fig. 3 is an inverted plan of the weight, and Fig. 4 is a plan of the shade-holder connected to the ring that carries the fount-holder.

Similar letters of reference indicate corresponding parts.

a is the support that is connected to the ceiling, for holding the parts of the lamp. *b* is the bell-hook, and *c c* the chain-rollers connected to support *a*. *d* is a flat ring at one end of the chain *c*, which ring *d* has depending from it the fount-holder *f*, that is connected to *d* by screws, as usual. *g* is the weight, connected to chain *c* at the other end, to balance the lamp. This weight *g* rests upon the ring *d* when the lamp is raised to its highest point. *h h* are plugs of rubber or other elastic material, secured to the under side of weight *g*, on the surface that comes upon *d*, forming a cushion for the purpose of preventing jar when *g* and *d* come together. These plugs *h* are inserted in holes in the weight *g*, with their ends projecting a short distance,

and they are held in the holes by any desired means.

The elastic tips may be secured to the ring *d* and answer the same purpose; but we prefer the construction shown.

i is the shade ring or holder, the same consisting of an ornamental ring of a size to fit around the ring *d*. *k* is the glass shade, that is held to the ring *i* by screws *l*, as usual.

m m m are three lugs projecting inward from the inner edge of ring *i*, equidistant from each other. *n n n* are lugs projecting outward from ring *d*. The inner edge of *i* is cut out, as seen at *o o o*, to permit the lugs *n* to pass.

The parts *d* and *i* are connected together by placing ring *i* over *d*, in such position that the lugs *n* pass through the notches *o*. The ring *i* may then be turned, and lugs *n* will take over the edge of *d*, and act in connection with lugs *m*, to prevent the separation of the parts, except when the lugs *n* are turned to coincide with notches *o*. *p* is a button attached to *i*, that may be turned to prevent accidental separation of the parts.

By this construction the lamp is complete for use without the shade and ring, and the latter may be attached or not, as desired.

We do not limit ourselves to the exact details of construction set forth, as they may be varied without departing from our invention.

Having described our invention, we claim as new and desire to secure by Letters Patent—

1. An elastic cushion interposed between the weight of a hanging lamp and the other parts, with which the weight comes in contact, substantially as and for the purpose described.

2. The shade-ring *i*, connected to the ring *d* of the globe-holder by lugs *m n*, notches *o*, and button *p*, substantially as and for the purpose set forth.

3. The elastic plugs or tips *h*, in combination with the weight *g* and ring *d*, substantially as and for the purposes set forth.

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Witnesses:

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