

A. B. HUTCHINS.
Lamp Shade Holder.

No. 229,825.

Patented July 13, 1880.

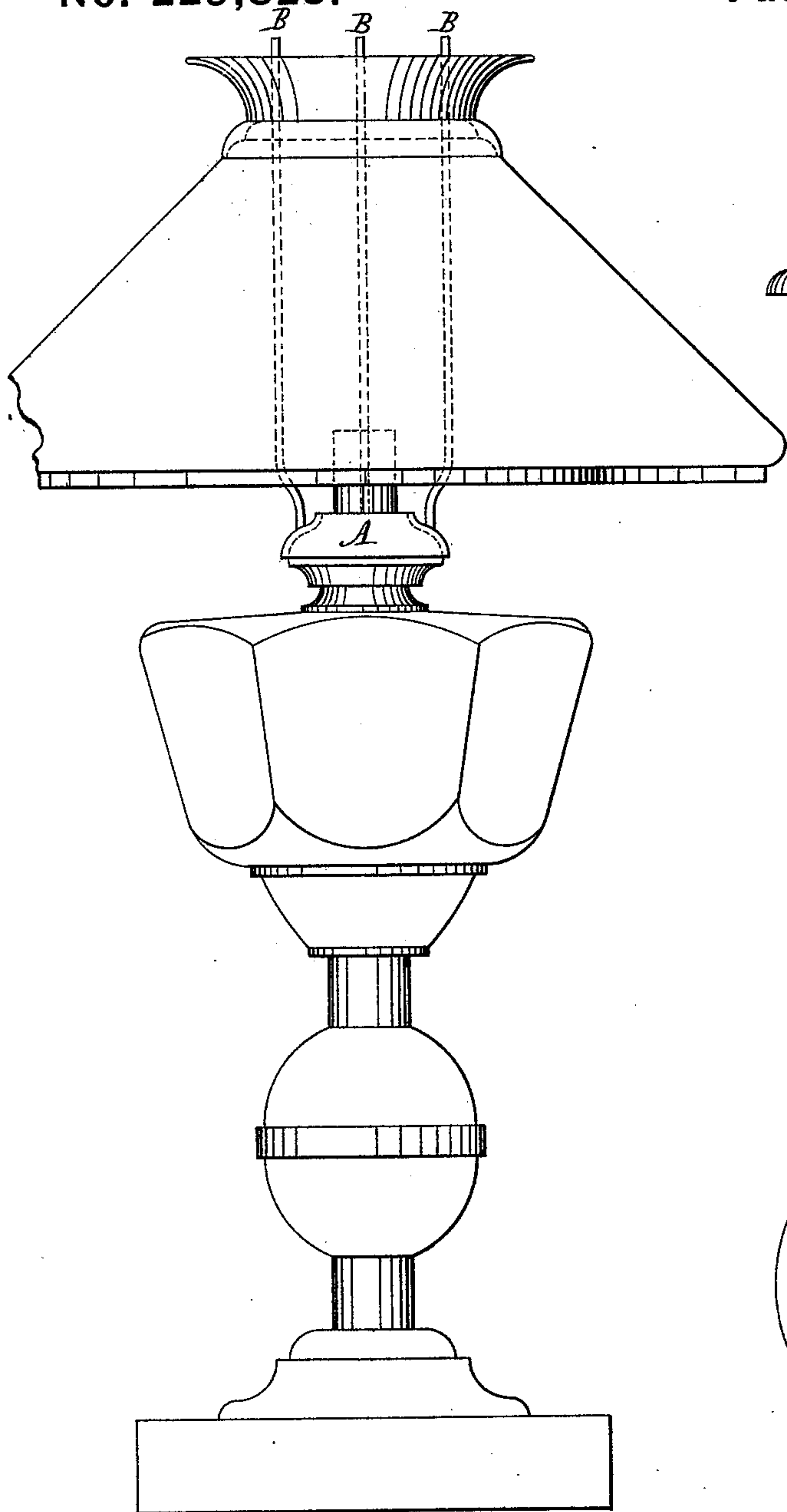


Fig. 1.

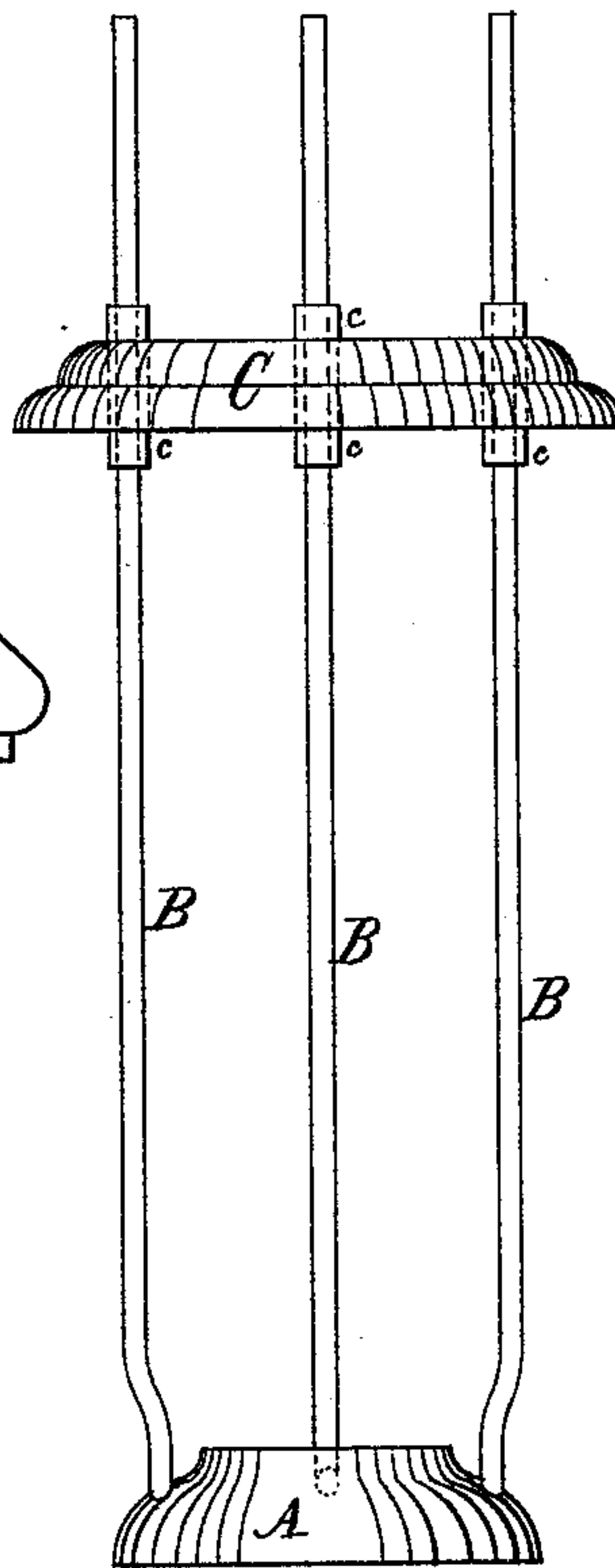


Fig. 2.

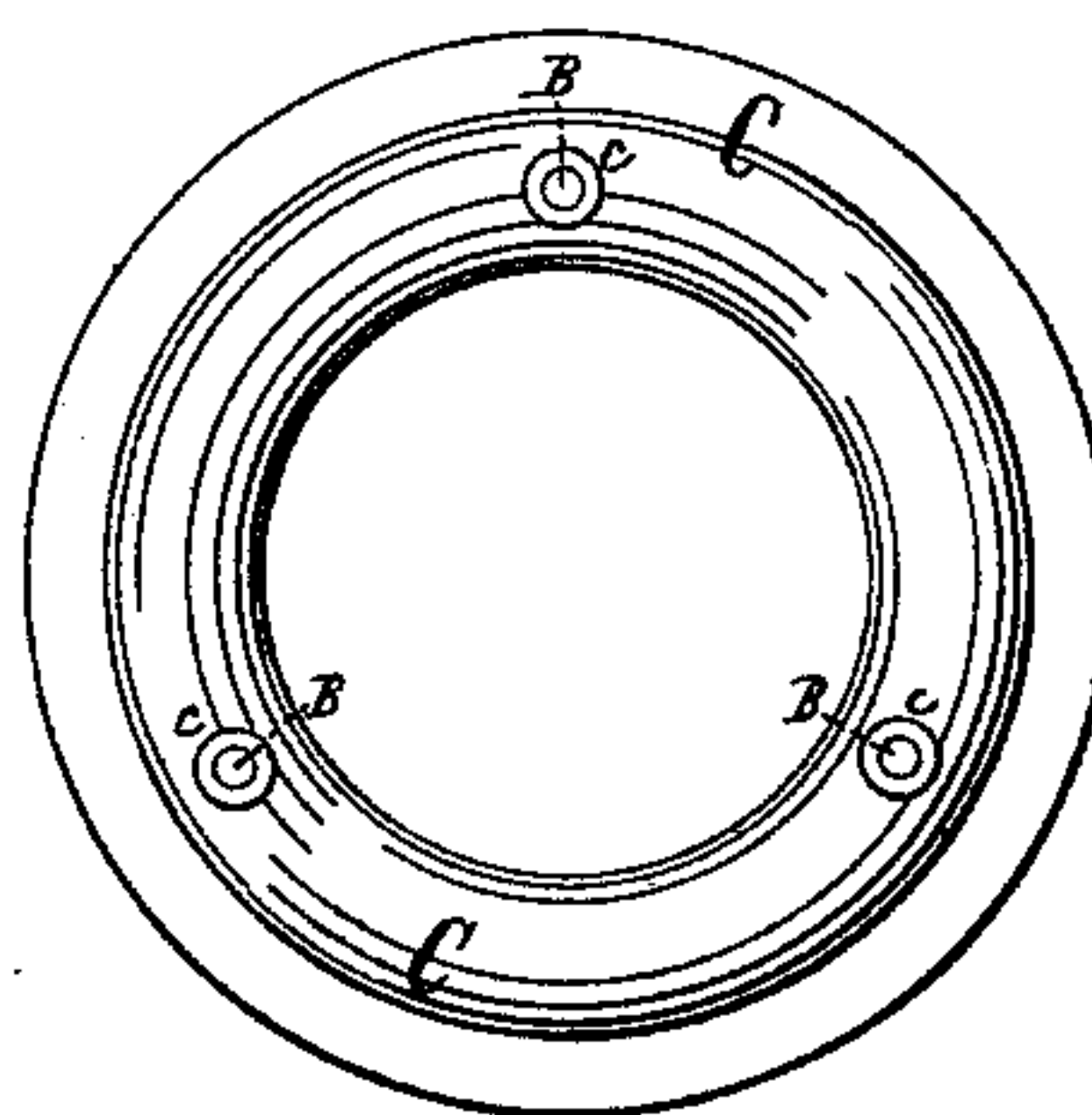


Fig. 3.

Witnesses.

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ABNER B. HUTCHINS, OF BROOKLYN, NEW YORK.

LAMP-SHADE HOLDER.

SPECIFICATION forming part of Letters Patent No. 229,825, dated July 13, 1880.

Application filed February 20, 1880.

To all whom it may concern:

Be it known that I, ABNER B. HUTCHINS, of the city of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Lamp-Shade Holders; and I hereby declare the following to be a full and clear description of the same.

The nature of this invention consists in attaching to the top part of a lamp-burner a set of vertical rods, on which said rods an annular slide is placed, so as to be easily moved up or down, as desired, the shade to rest upon the said annular slide, and to be adjusted as to height by the position of the said slide.

The invention will be readily understood by reference to the accompanying drawings, of which—

Figure 1 is an elevation of a lamp with one of the improved shade-holders attached and supporting a shade as in use. Fig. 2 is an elevation of the improved shade-holder detached from the lamp. Fig. 3 is a plan of the sliding shade-rest.

There will be an annular ring or plate, A, arranged to slide down over the burner, and be held thereon simply by friction, and to the top face of this plate will be fixed vertical rods B, which will extend up as high as the top of the shade will be likely to be raised. On these vertical rods there will be placed a sliding annular rest, C, for the shade to rest upon. As this sliding rest will preferably be made of thin sheet metal, which would not afford a sufficiently firm bearing for the rods B, I place short tubes *c* through the substance of the slide C, and solder them fast to the said slide or rest, and allow the said tubes to surround and slide upon the supporting-rods B, thereby securing a firm bearing for the said slide on its supporting-rods, thus enabling the slide to be moved up or down without tipping or binding.

The tubes *c* should fit the rods snugly, but so as to easily slide up and down thereon, and yet be capable of holding to the rods at any point by simple frictional attachment, so as to hold the shade-support at any desired elevation. In order, however, to secure absolutely the support required for the shade-rest C, the rods B are set so as to spring a little against the tubes *c*, thereby securing the requisite frictional support.

The shade will rest upon and be supported by the slide C, and this attachment may be applied to lamps using only chimneys, or to mechanical lamps without chimneys, or even to candle-holders.

I am aware that it is not new to use a ring around the burner as a part of a shade-support.

I am also aware of the fact that a hanging lamp has been supported by means of rods curved around and extending above the lamp and chains attached to the upper ends of said rods and to a support above, and that a shade has been supported upon a ring designed to slide upon said rods and provided with tubes encircling the same; but in this case the rods do not spring against the tubes of the slide, creating increased friction to aid in holding the shade, since the weight of the lamp drawing upon the rods tends to hold them in a vertical position.

In my shade-holder the rods are used merely to support the shade, and they have an outward springing action, which induces friction upon the slide and tends to hold the shade in the position in which it has been adjusted. Moreover, the tubes attached to the slide in the case referred to are attached to the inner edge of the ring and supported by means of braces.

In my invention the tubes pass directly through the body of the slide, and I am enabled to dispense with the braces, using solder alone.

My holder is a separate and independent device in structure, and can be readily applied to various forms of lamps, whether hanging or standing. I do not claim any part of the device separately.

Having described my invention, I claim—

As an article of manufacture, an independent detachable shade-holder consisting of a ring adapted to fit closely around the burner, a series of upright rods attached thereto having a springing action, and an annular slide adapted to receive and hold the shade, provided with a series of short tubes passing through the body of said slide and made to fit said rods, substantially as described.

ABNER B. HUTCHINS.

Witnesses:

M. RANDOLPH,
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