

A. W. HASKELL.

Lamp Shade.

No. 105,940.

Patented Aug. 2, 1870.

FIG. 1

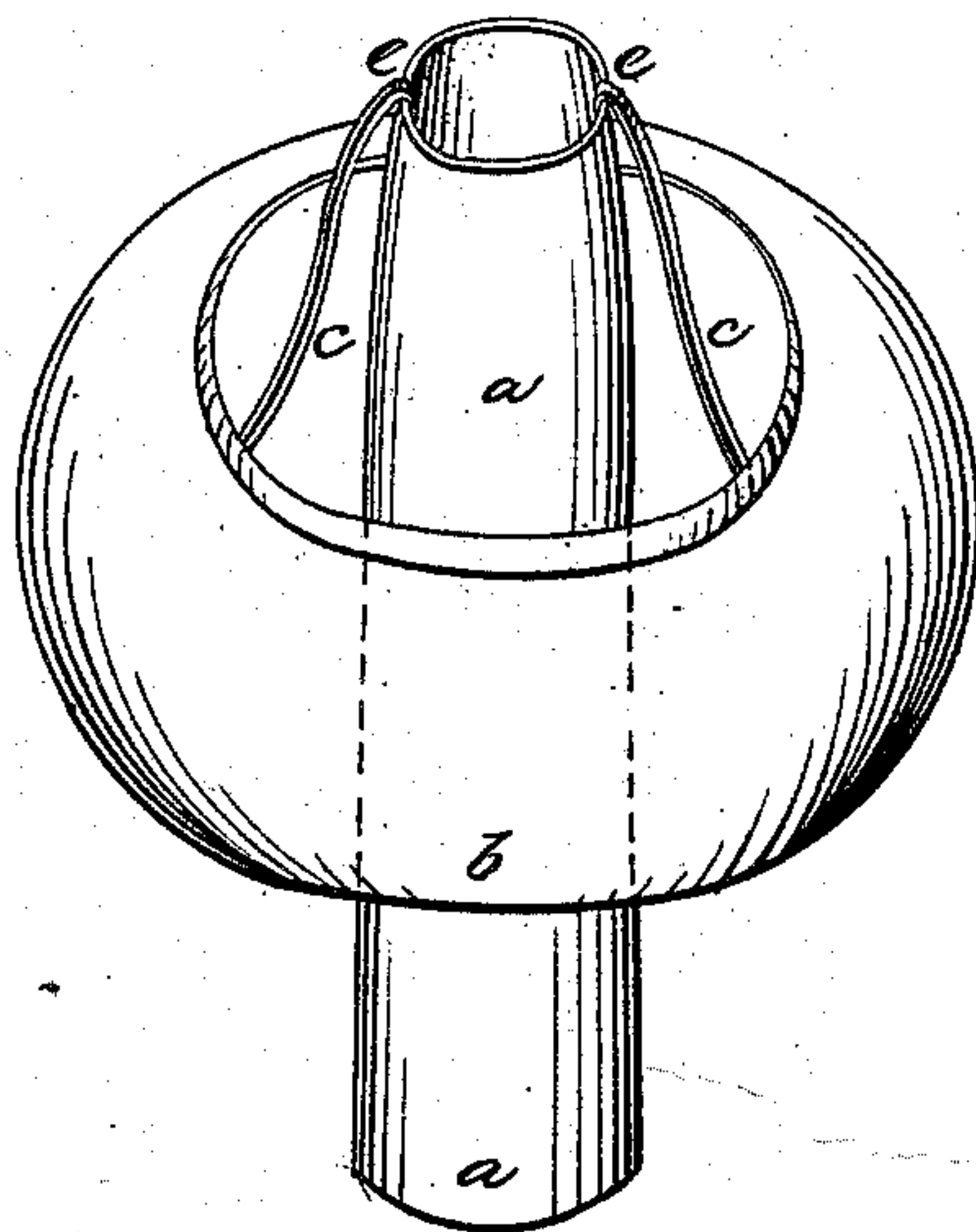


FIG. 2

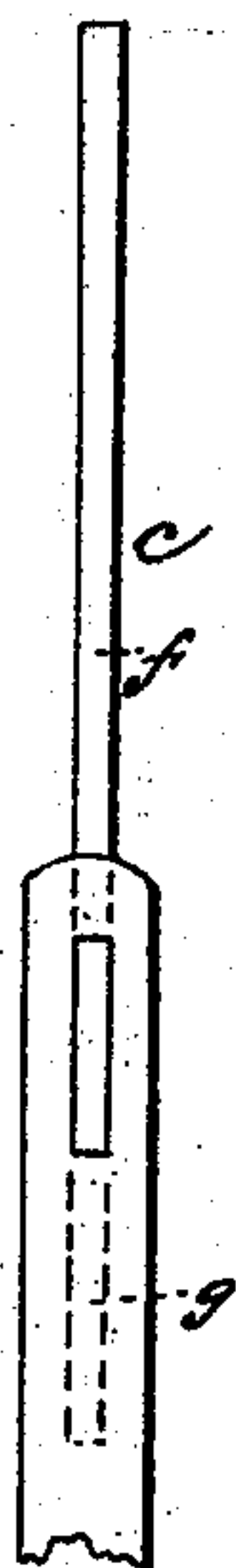


FIG. 3



WITNESSES:

Edward Griffith.  
Geo A Linnery

INVENTOR:

Andrew W. Haskell.  
by his attorney  
Frederick Curtis.



# United States Patent Office.

ANDREW W. HASKELL, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 105,940, dated August 2, 1870.

## IMPROVEMENT IN LAMP-SHADES.

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

To all to whom these presents shall come :

Be it known that I, ANDREW W. HASKELL, of Boston, in the county of Suffolk and Commonwealth of Massachusetts, have made an invention of certain new and useful Improvements in Lamp-Shades; and do hereby declare the following to be a full, clear, and exact description thereof, due reference being had to the accompanying drawing making part of this specification, and in which—

Figure 1 is a perspective representation of a cylindrical lamp-shade containing my invention;

Figure 2 is a side elevation; and

Figure 3, a vertical section of an adjustable support for the shade, to be hereinafter explained.

My invention relates to that class of lamp-shades in which the shade is suspended by means of hooks or straps, which catch over or upon the top of the chimney, so that the shade is supported in position without resting upon the sides of or being in contact at any point with the chimney.

A shade of the kind is often applied to chimneys of different heights, and it frequently occurs, also, that the chimney is uneven on top, or that its body has an irregular conformation; and, therefore, in order that the shade may be raised or lowered to conform to the height of the chimney, so as to always occupy its proper position with respect to the flame, and that it may occupy a horizontal position whatever may be the unevenness of the chimney-top, and also that it may be adjusted so as to be kept away from the body of the chimney if the same be of an irregular conformation,

My invention consists in the combination, with the lamp-shade, of two or more hooks or strips, adapted to catch over the top of the chimney, each formed in sections united by a sliding connection, so that the length of the same may be varied at pleasure, for the purpose above stated.

In the above-mentioned drawing—

*a* denotes a lamp-chimney of the "sun burner" pattern, and which is cylindrical in cross-section.

*b* denotes an annular or circular lamp-shade, of ordinary manufacture so far as its body is concerned, but in lieu of attaching such shade to the chimney by several short feet or plates, projecting inward directly from the shade, or the metallic clasp encircling the top thereof, I attach, in a suitable manner, according to the objects of my invention, two attenuated strips, *c c*, of sheet-metal, formed with a hook, *e*, at their upper extremities, to clasp or hook upon the upper edge of the chimney, and thus form suspensories whereby the shade, except at such points of suspension, may hang free from contact, directly or indirectly, with the body of the chimney, and thus, as before premised, protect the shade from injury resulting from

direct radiation of heat, through the agency of the more immediate contact of the short feet above mentioned, as now generally in use.

The above-described mode of suspending a lamp-shade from or about the chimney of a lamp maintains such shade at an equable altitude with respect to the lamp-burner, thus obviating the great objection to shades now in use, which is seen in their liability to slip down upon the chimney, especially when the latter is of the form adopted in the "sun," "comet," and other analogous burners, which require a chimney whose main portion is substantially a straight cylinder.

In figs. 2 and 3 of the accompanying drawing, I have represented a mode of effecting the vertical adjustment of a lamp-shade when the same is suspended as described, which consists in forming each strip *c* in two parts or sections, *f g*, united together by a suitable sliding connection, in such manner as to enable their length to be varied at pleasure, but which shall yet possess sufficient friction to sustain the weight of the shade, and maintain it securely in position about the chimney against accidental misplacement.

As before observed, this mode of producing the suspensory or suspensories of a circular lamp-shade permit of ready variation and adjustment of its altitude with respect to the burner of a lamp, to suit any and all circumstances.

The employment of the two strips *c c* as suspensories of a lamp-shade, adapt the latter with equal good effect to any form of chimney, whether cylindrical, elliptical, or irregular in cross-section, and also enables such shade to assume a horizontal position (by the adjustable union of the plates *c c*) should any irregularities exist in the upper end of said chimney.

For the requirements of the "quaker" burner, so called, or others which require a chimney in part cylindrical and in part elliptical or flattened, my invention will be found to possess peculiar advantages.

### Claim.

What I claim, and desire to secure by Letters Patent, is—

The combination, with the lamp-shade, of two or more supporting-hooks or strips adapted to catch over the top of the chimney, when each of said hooks or strips is made in sections united by a sliding connection, so that the length of the same may be varied at pleasure, for the purposes herein described.

ANDREW W. HASKELL.

Witnesses:

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E. GRIFFITH.