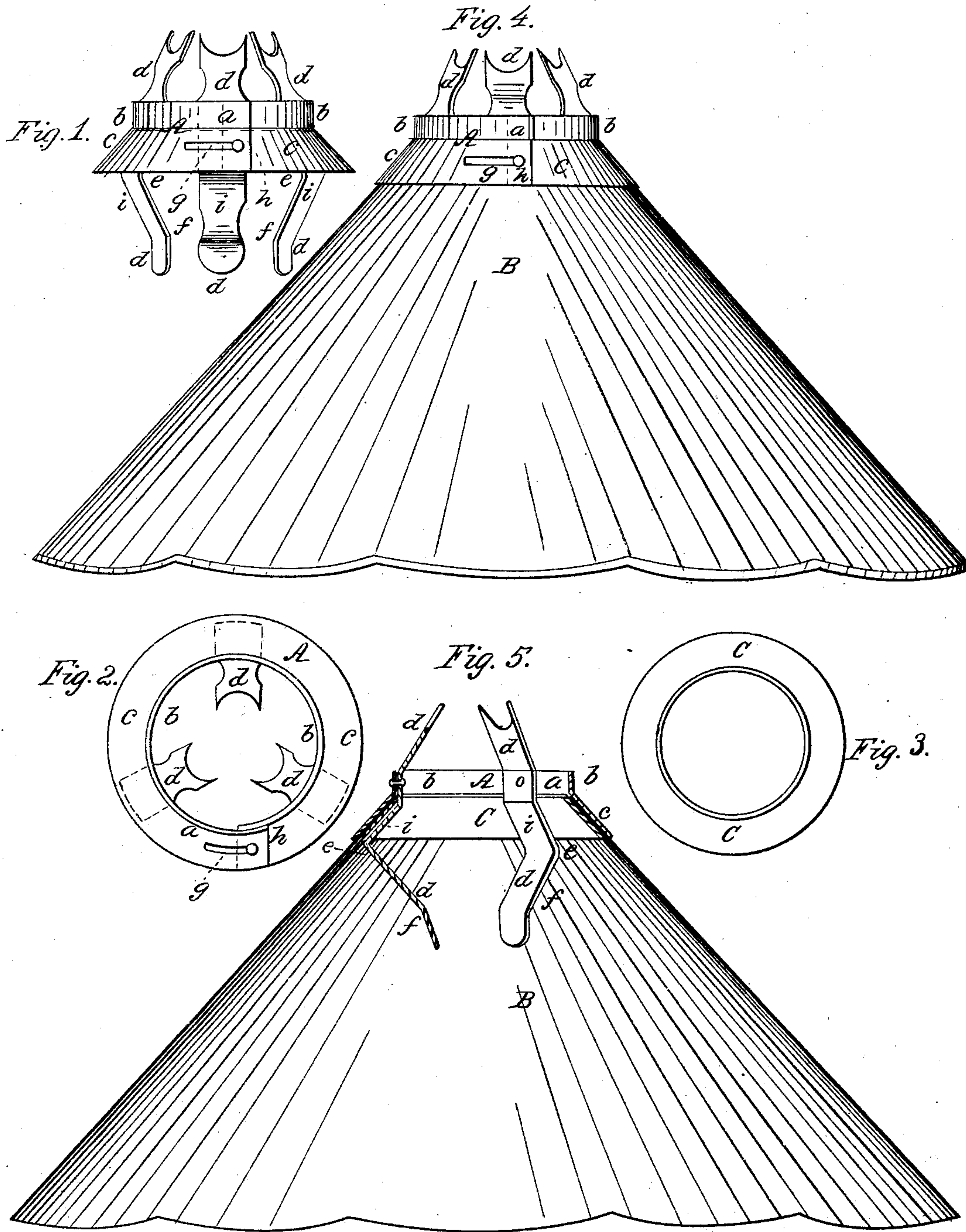


W. H. MATTHEWS.  
Lamp Shade Holder.

No. 34,805.

Patented March 25, 1862.



Witnesses:

*Arthur Neill*  
Arthur Neill

Inventor:

*W. H. Matthews*  
W. H. Matthews



# UNITED STATES PATENT OFFICE.

WILLIAM H. MATTHEWS, OF CHELSEA, ASSIGNOR TO WILLIAMS & CO., OF BOSTON, MASSACHUSETTS.

## IMPROVED LAMP-SHADE HOLDER.

Specification forming part of Letters Patent No. 34,805, dated March 25, 1862.

*To all whom it may concern:*

Be it known that I, WILLIAM H. MATTHEWS, a citizen of the United States of America, and a resident of Chelsea, in the county of Suffolk and State of Massachusetts, have invented an Improved Lamp-Shade Holder; and I do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a front elevation, and Fig. 2 a top view, of its contractile ring and springs as separate from the lamp-shade. Fig. 3 is a top view of its inner ring. Fig. 4 is a side view, and Fig. 5 a vertical section, of the invention as applied to a lamp-shade.

The object of my invention or improvement is to provide a ready and simple means by which a lamp-shade made of paper may be connected with the springs by which it is to be supported on the glass chimney of a lamp.

Lamp-shade holders of such character as heretofore made have had their springs affixed to a solid non-contractile annulus of thin metal, such annulus being provided with a conical flange to extend under and against the inner surface of the paper shade, a cap-ring being employed to go around the external surface of the shade in order to confine it in place. The cap-ring is held in place by another such ring mounted over it and encompassing the spring-annulus, and being held in position by projection from the latter. My invention dispenses with one of these rings and holds the shade to the springs by means of the springs and one or two rings only, and, furthermore, it greatly facilitates the application of the paper shade to the holder.

In the drawings, A is the holder, and B the conical paper shade. The said holder consists of an annulus *a*, a portion *b* of which is cylindrical, while the rest—viz., *c*—is conical.

To the inner side of the cylindrical part *b* three or any other suitable number of fur-

cated springs *d d d* are fastened and project both above and below the ring. Each of the springs where it projects below the ring has two angular bends *e f*, the part *i* being intended to aid as a jaw in fixing the shade to the holder. The ring *a* is also split through its periphery and has one end lapped over the other or provided with a slot *g*, arranged as shown in the drawings. A pin *h* goes through this slot and is fastened in the end or part which is overlapped. The ring thus made admits of being contracted, which can be accomplished by spanning it firmly. The object of contracting it is to enable the springs or the jaws *i i*, &c., thereof to be inserted in the mouth or upper part of the shade, which having been done the ring, on release of the clasp-ing force, will by its elastic power expand and hold the shade between the said jaws and the conical part *c*. In order, however, to render the connection more secure, there may be placed on the said jaws so as to encompass them a conical ring C, and so as to have its outer surface against the inner surface of the paper shade, in which case the springs will operate to confine both rings to the paper shade.

I claim—

1. The improved shade-holder as made with a contractile ring and with its springs provided with jaws *i*, so as to operate with such ring and against the paper shade, substantially as described.

2. The arrangement and combination of the inner ring with the springs made with the jaws, as described, whereby the said springs and inner ring may be employed to hold the lamp-shade to the outer or main ring.

W. H. MATTHEWS.

Witnesses:

R. H. EDDY,  
F. P. HALE, Jr.