C. W. EMERSON.

Holder for Lamp and Gas Shades.

No. 71,150. Patented Nov. 19, 1867.

Fig. 1.

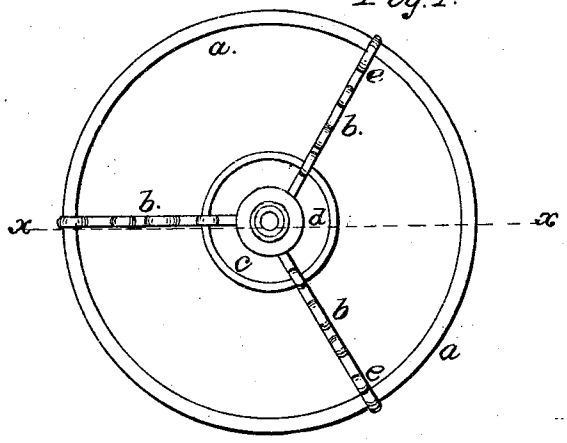
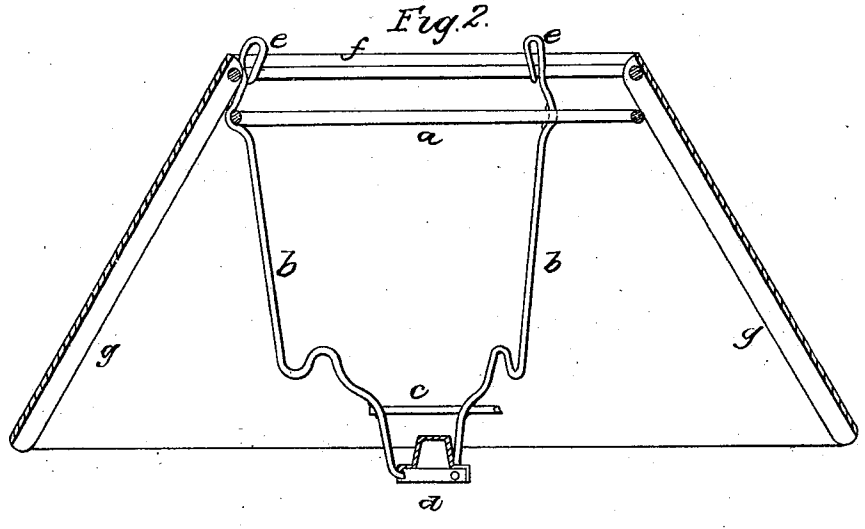


Fig. 2.



Witnesses

Chas. A. Smith

Geo. T. Pinckney

Inventor

C. W. Emerson

per L. W. Serrell

Atty

N. PETERS, Photo-Lithographer, Washington, D. C.

United States Patent Office.

CHARLES W. EMERSON, OF HARTFORD, CONNECTICUT.

Letters Patent No. 71,150, *dated November* 19, 1867.

IMPROVEMENT IN HOLDERS FOR LAMP AND GAS-SHADES.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, CHARLES W. EMERSON, of Hartford, in the State of Connecticut, have invented, made, and applied to use a certain new and useful Improvement in Lamp-Shades; and I do hereby declare the following to be a full, clear, and exact description of the said invention, reference being had to the annexed drawing, making part of this specification, wherein—

Figure 1 is a plan of my improved shade-holder, and

Figure 2 is a vertical section at the line *x x*, showing the paper shade in red lines, as applied upon my improved holder.

Similar parts are denoted by the same letters.

Lamp-shades have heretofore been made of paper, folded together like a fan, and supported by a wire ring passing through the folds of the paper at the upper end, so that the lower end of the shade can be expanded or spread for use, or contracted to occupy but little space in transportation.

The nature of my said invention consists in a shade-holder, formed with a metallic ring supported on wires extending down to the gas-burner or to the lamp, said wires also extending up and forming spring-catches for holding the wire ring that passes through the folds of the paper shade, and keeping the same distended between the ring of the holder and the ring in the shade.

In the drawing, *a* is the ring of my shade-holder, from which the wires *b b* pass down to the ring *c* and socket *d*, for setting upon a gas-burner, as shown, or said wires *b b* may pass down to any suitable ring for setting upon a lamp or burner. The upper ends of the wires *b b* project beyond the ring *a*, and are formed as spring-loops *e*, and *f* is the wire ring passing through the folds of the paper shade *g*. When this wire ring *f* is pressed over the spring ends *e* of the wires *d*, it is held by passing into the bends of said ends *e*, and the paper shade is distended and held between the rings *a* and *f*.

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

A holder for lamp and gas-shades, formed with the ring *a*, wires *b b*, and spring-ends *e e*, over which the ring *f* of the shade *g* is passed and held as set forth.

In witness whereof I have hereunto set my signature this 13th day of March, 1867.

CHARLES W. EMERSON.

Witnesses:

J. B. BURR,

G. M. HYDE.