

L. J. ATWOOD.

Shade or Globe-Holders for Lamps.

No. 141,251.

Patented July 29, 1873.

Fig. 1.

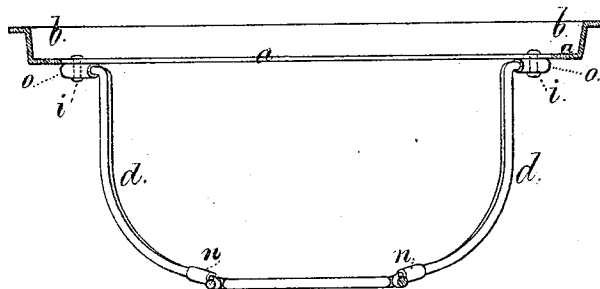
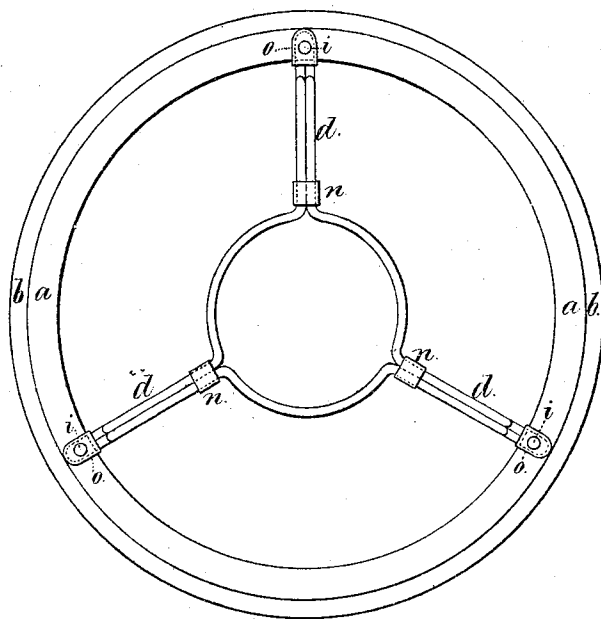


Fig. 2.



Witnesses

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per

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UNITED STATES PATENT OFFICE.

LEWIS J. ATWOOD, OF WATERBURY, CONNECTICUT, ASSIGNOR TO THE
PLUME & ATWOOD MANUFACTURING COMPANY, OF SAME PLACE.

IMPROVEMENT IN SHADE OR GLOBE HOLDERS FOR LAMPS.

Specification forming part of Letters Patent No. **141,251**, dated July 29, 1873; application filed
May 20, 1873.

To all whom it may concern:

Be it known that I, LEWIS J. ATWOOD, of Waterbury, in the county of New Haven and State of Connecticut, have invented an Improvement in Shade or Globe Holders for Lamps, of which the following is a specification:

In Letters Patent No. 104,558 a shade-holder is represented with wire arms and sliding clamps or ferrules, and the arms receive either the flange of the glass globe or the wire ring or arms for a paper shade.

My present invention is a modification of, and improvement upon, the device set forth in the aforesaid patent; and consists in a sheet-metal flanged ring for the globe or shade, applied to and combined with wire arms that are made double and united at their ends to the sheet-metal flanged ring by sheet-metal caps and rivets.

In the drawing, Figure 1 is a vertical section of the said shade-holder, and Fig. 2 is an inverted plan of the same.

The sheet-metal ring is made with a base, *a*, and cylindrical flange or rim *b*, of a size to receive a glass globe or shade, and to this

ring the double wire arms *d d* are united by means of rivets *i* passing through the flattened sheet-metal caps *c*, into which such wires *d d* are inserted, and also through between the wires themselves, thereby making a very firm and neat connection between the wire arms and the metal ring. The wire of one arm extends to the next in the form of a bow or arc of a circle, that sets against the lamp-collar, and is clamped thereto by the sliding clamps *n*, as in aforesaid patent.

It will be evident that, by this construction of shade-holder, a very light and strong article is obtained, and one that allows of the glass globe or shade being removed or replaced with great facility.

I claim as my invention—

The combination of the flanged sheet-metal shade-ring *a b* with the double wire arms *d d* and sliding clamps *n*, as set forth.

Signed by me this 9th day of May, A. D. 1873.

L. J. ATWOOD.

Witnesses:

ISRAEL HOLMES,
F. W. PLATT.