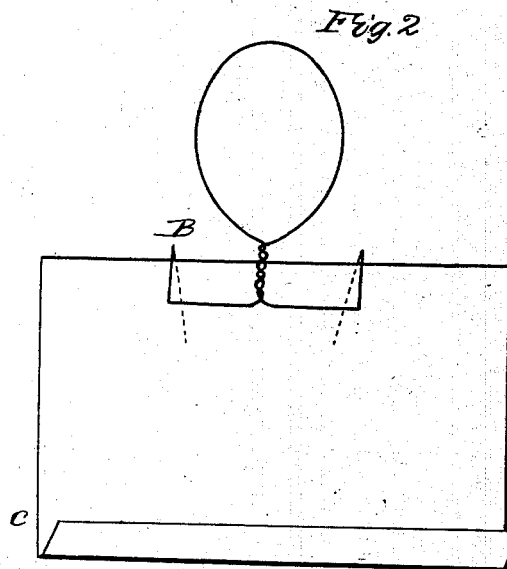
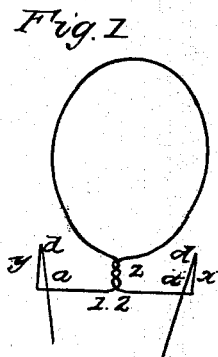
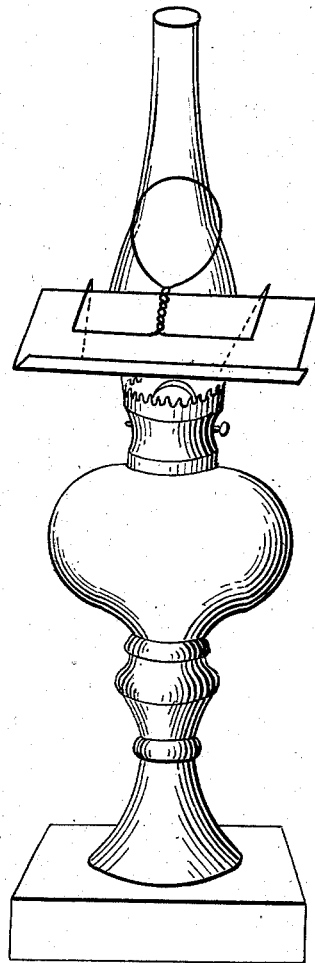


J. HANLEY.
Lamp Shade Holder.

No. 47,418.

Patented April 25, 1865.



Witnesses
Frederick Woodcock
J. Kendall

Inventor
James Hanley

UNITED STATES PATENT OFFICE.

JAMES HANLEY, OF NEW YORK, N. Y.

IMPROVEMENT IN LAMP-SHADE HOLDERS.

Specification forming part of Letters Patent No. 47,418, dated April 25, 1865.

To all whom it may concern:

Be it known that I, JAMES HANLEY, of No. 12 Sixth Avenue, in the city and State of New York, have invented and made a new and Improved Shade for Lamps; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and the letters marked thereon.

My invention consists of a ring of wire, Figure 1, to connect the shade to the lamp-glass, the ends of the wire which forms this ring terminating with clips *a a*, to hold a piece of paper or other suitable material, as represented at B, Fig. 2. Thus the ring, clips, and paper combined make the shade.

To make this ring I take a piece of fine wire and make a loop or ring of an oval figure, by bringing the ends of the wire across each other and twisting them together at the part marked *z*. The ends of this wire are then bent at right angles from the part twisted, one to the right, the other to the left, 1 2. Each end is again bent, at about three-quarters of an inch from the center or twisted part, backward toward the ring 3 4. Another bend is given in the contrary direction to the last *d d*, thus doubling the ends of the wire so that they form clips to receive and hold fast the paper or shade between them, as repre-

sented at Fig. 2. The loop of the ring thus formed is for connecting the shade to the lamp-glass by being passed loosely over it and resting on the bulged part of the glass, Fig. 3. By this mode of connecting the shade it can be put on or off instantaneously, and also moved horizontally to shade any part of the room without moving the lamp.

In making the paper for this shade I make a crease or creases along it, as seen at *c*, Fig. 2. This allows of thin paper being used and prevents the shade being drawn out of shape by the heat of the flame.

I claim—

1. The making a ring attachment with clips for the purposes of holding the shade and connecting it with the lamp.
2. The clips.
3. The mode of connecting the shade to the lamp-glass by suspension.
4. The loose hanging of the shade and the consequent horizontal action.
5. The creasing of the paper.
6. Each claim substantially in the manner and for the purposes as herein described and set forth.

JAMES HANLEY.

Witnesses:

FREDERICK WOODCOCK,
A. J. KENDALL.