(Model.)

J. F. KRAMER.

LAMP.

No. 243,924. Patented July 5, 1881.

Fig. 1.

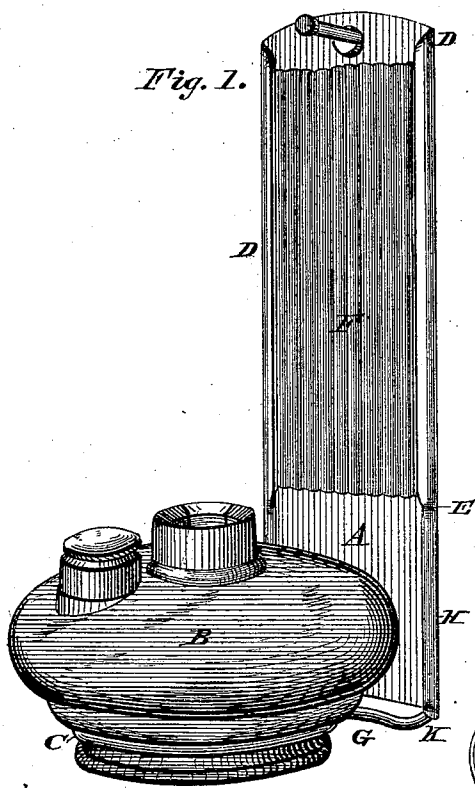


Fig. 2.

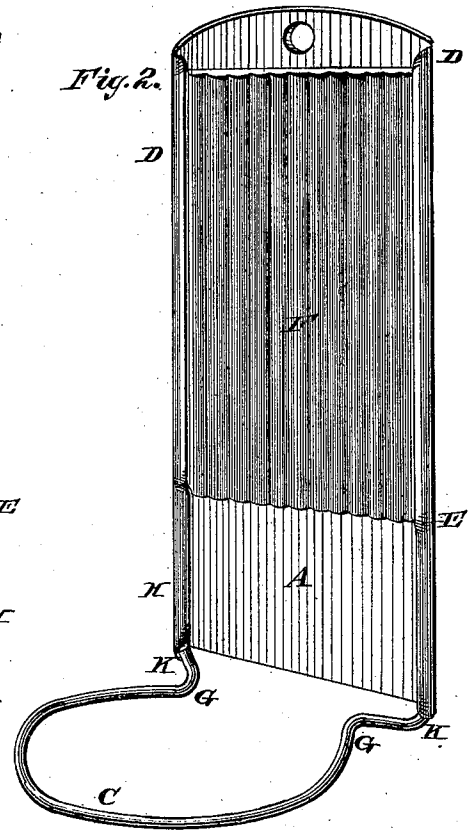
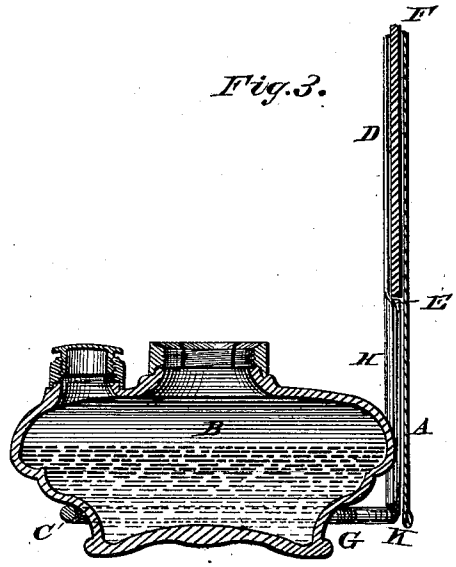


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

JOHN F. KRAMER, OF NEW YORK, N. Y.

LAMP.

SPECIFICATION forming part of Letters Patent No. 243,924, dated July 5, 1881.

Application filed May 4, 1881. (Model.)

To all whom it may concern:

Be it known that I, JOHN F. KRAMER, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Lamps; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to that class of lamps known as "wall" or "side" lamps, having glass founts, and has for its object the production of a strong, durable, and cheap lamp.

My invention consists in the support of the lamp-fount by means of a ring of wire bent in such manner as to furnish a means of attaching it firmly to the back or wall plate, and also in the manner of attaching the said wire support to the back or wall plate.

In the annexed drawings, forming part of this specification, Figure 1 shows a perspective view of the device with the lamp-fount resting in its support. Fig. 2 shows the same view of the device with the lamp-fount removed to show the form of the supporting-ring upon which it rests; and Fig. 3 is a vertical central section of Fig. 1, broken off just below the top of the reflector.

Similar letters of reference denote corresponding parts in each of the figures.

A represents the back or wall plate, having the lips D D upon each of its vertical sides, which lips, above the point marked E, overlap the edges of the reflector F, and below the point marked E inclose the vertical portion of the wire lamp-support C, in which the lamp-fount B is placed. The wire lamp-support C is outwardly bent at G from its circular form, and at K the two ends, of equal length, are bent at a right angle upward from the plane of the ring.

H indicates where the lip D is shown turned down over the vertical portion of the wire.

In making my lamp-support I first cut a piece of sheet metal of the proper size, and having punched a hole at the upper end of the sheet, to pass over the nail from which it may be suspended, I turn up the lip D on each of its vertical sides to receive the reflector, and also to receive the vertical ends of the wire.

I form the ring in which the lamp rests by taking a piece of metal wire or rod of the proper size and length and bend it from the center of its length into a circular form of a diameter sufficient to permit the bottom of the lamp-fount to pass through it readily. Having bent the wire to a circular form to about two-thirds of an entire circle, I then bend the wire outwardly, as shown at G in the drawings, and leaving from this point enough of the wire to give sufficient projection from the back, so that the lamp-fount may pass in to its place without coming in contact with the back. I bend the ends of the wire upward from the point K at right angles to the plane of the ring.

To unite the back and the wire ring I place the vertical extensions of the ring within the lips D D, extending them up equally on each side to the point E, and I then close the lips D D over them, as may be seen at H in Fig. 2, and I further secure them by soldering.

The reflector F is supported vertically by the ends of the wire inclosed within the lips D D being slid within the lips from the top, and it may be readily removed by withdrawing it in the same direction.

This construction may be varied by making the lamp-support an entire ring, joined by soldering at its meeting ends, and two short wires, bent at a right angle, being soldered to the opposite sides of the ring. The vertical portion of the short wires may be passed within the lips D D and secured, as described. I prefer the construction shown in the drawings, however, as being stronger, simpler, and cheaper.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination, with the back A, of the wire lamp-support C, having the bends at G and K, as and for the purpose set forth.

2. The combination of the bent-wire lamp-support C with the back A, having lips D D and reflector F, substantially as described.

3. The combination of the wire support C, back A, having lips D D, and reflector F, with the lamp-fount B.

In testimony whereof I have affixed my signature in presence of two witnesses.

JOHN F. KRAMER.

Witnesses:
R. G. HANFORD,
DOUGLAS H. SCHNEIDER.