

(No Model.)

A. THURBER.
LAMP BRACKET.

No. 385,486.

Patented July 3, 1888.

Fig. 1.

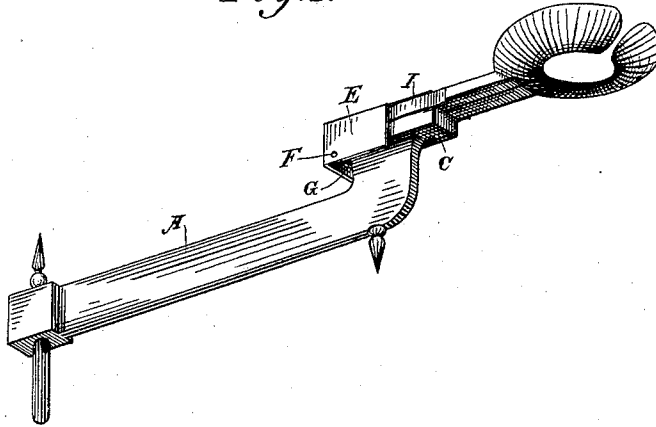


Fig. 2.

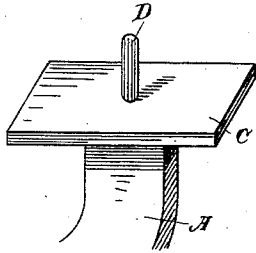
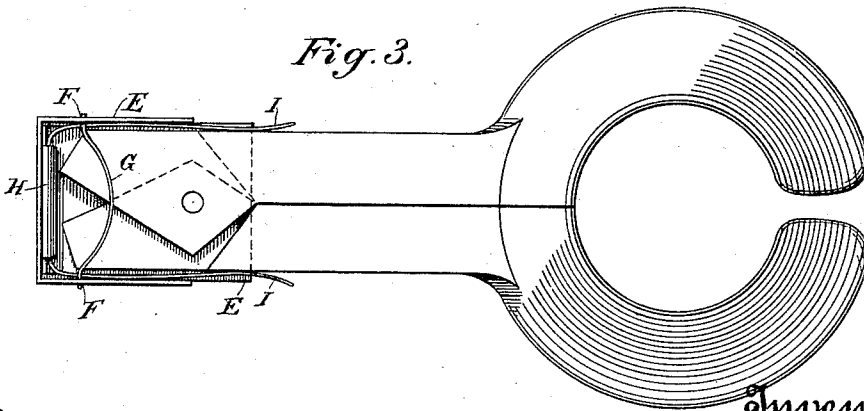


Fig. 3.



Witnesses,
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UNITED STATES PATENT OFFICE.

ALFRED THURBER, OF SAN FRANCISCO, CALIFORNIA.

LAMP-BRACKET.

SPECIFICATION forming part of Letters Patent No. 385,486, dated July 3, 1888.

Application filed February 8, 1888. Serial No. 263,422. (No model.)

To all whom it may concern:

Be it known that I, ALFRED THURBER, of the city and county of San Francisco, State of California, have invented an Improvement in Lamp-Brackets; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to a bracket for supporting lamps.

It consists of a pair of semi-circular jaws the outer ends of which are made to receive and hold the lamp-body, while the inner ends are hinged together, with a peculiar arrangement of the box within which the inner ends are contained, and the spring by which the jaws are closed.

Referring to the accompanying drawings for a more complete explanation of my invention, Figure 1 is a view of the bracket and the jaws in place thereon. Fig. 2 is a view of the bracket with the jaws removed, showing the table and hinge-pin. Fig. 3 is a bottom view of the box containing the inner hinged ends of the lamp-holding jaws, showing the spring and the manner of fixing it within the box.

A is an arm or bracket having a pivot pin by which it may be suspended from the wall or other point and allowed to turn about said point. The opposite end of the arm is upturned and has a flat horizontal plate, C, formed upon its end, with a pin, D, projecting centrally and vertically upward from it.

E is a metal box or case having sides and a back which fit around the table C, the sides extending a short distance below the table and having pin-holes F, through which the spring or other pin G may be inserted, so as to retain the box in place and at the same time render it easily movable by withdrawing the spring-pin. The hinged jaws have their outer ends made of a saucer or cup shape, as shown, which forms the semicircular portion of the cup. The extreme outer ends, which are slightly separated, have an opening which extends obliquely downward from the upper and outer periphery to the inner and lower periphery, this opening being curved or flared in such a way that by pressing the shank of the lamp against it the jaws will separate and

allow the shank to enter, closing immediately afterward, so that the bowl of the lamp is supported in the cup-shaped jaws. This suspends the lamp more evenly and prevents the tilting from side to side. The rear ends of the arms, projecting backward from the holding-jaws, are halved together like shear-blades, and have holes made through the two halves to fit over the pin D, which projects upward from the flat plate of the bracket. This holds the two jaws together, giving them a fulcrum about which they may turn. In order to keep the jaws closed, and at the same time to allow them to be opened by pressure to receive or remove the lamp, I employ a wide flat spring, I, which fits within the containing-box, into which the rear ends of the holding-jaws extend, and this spring extends around the ends of these jaws, so as to press upon the outer sides in front of the pivot-pin D, and thus keep the jaws closed together. The rear end of the spring is held in place by a plate, H, having a turned over portion which clasps this part of the spring. By this construction the jaws are made to move more easily and with less friction than when made as shown in my former patent, No. 297,317. By the construction here shown all the parts may be put together without the use of screws, and are very easily adjusted or taken apart whenever desired. By extending the rear portion of the jaws behind the pivot-pin within the case they serve to steady the jaws and prevent them from swinging from side to side.

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

1. In a lamp-bracket, the hinged swinging arm having the horizontal table with the central vertical pin at its outer end, in combination with the rearward-extending arms of the lamp-holding jaws, said arms being halved together and fitting on the vertical pin, and having an inclosing compressing-spring by which the jaws are closed, substantially as herein described.

2. In a lamp-bracket, the hinged swinging arm having the horizontal table and the vertical pin projecting from its center, in combi-

55

6c

65

7c

75

80

85

90

95

100

nation with the cup-shaped lamp-holding jaws
having their rear arms halved together and
fitting upon the pin, a flat spring bent to fit
around the outside of these ends to keep the
5 jaws pressed together, an inclosing box or cap
fitting over the hinge and spring, and the
bracket-table, together with a pin by which
it is held in place, substantially as herein
described.

In witness whereof I have hereunto set my 10
hand.

ALFRED THURBER.

Witnesses:

S. H. NOURSE,
H. C. LEE.