

(No Model.)

G. BOHNER.
HANGING LAMP.

No. 467,462.

Patented Jan. 19, 1892.

FIG. 1.

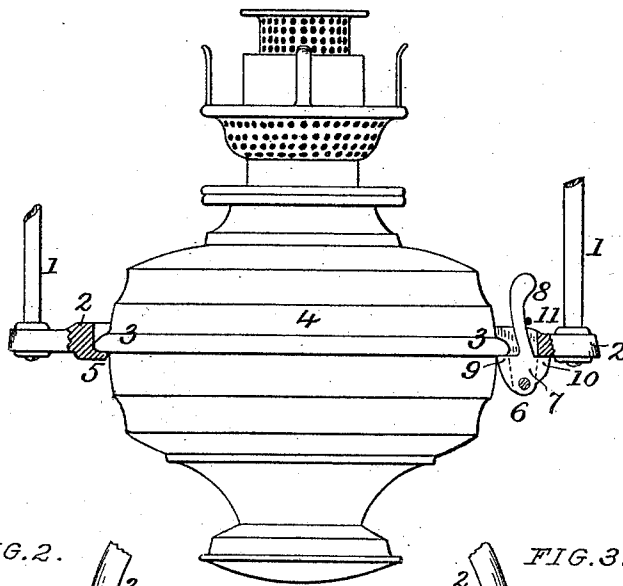


FIG. 2.

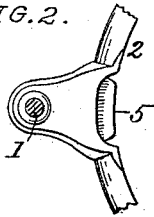


FIG. 3.

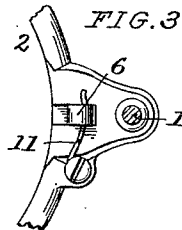
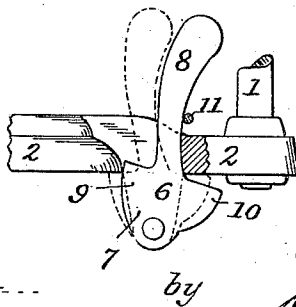


FIG. 4.



ATTEST:

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UNITED STATES PATENT OFFICE.

GEORGE BOHNER, OF CHICAGO, ILLINOIS.

HANGING LAMP.

SPECIFICATION forming part of Letters Patent No. 467,462, dated January 19, 1892.

Application filed November 17, 1890. Serial No. 371,738. (No model.)

To all whom it may concern:

Be it known that I, GEORGE BOHNER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Hanging Lamps, of which the following is a specification.

This invention relates to that type of hanging lamps in which the fount is inserted from the under side of and attached to the fount-supporting ring of the harp or lamp-supporting frame, the object of the present invention being to provide, in connection with a diametrically-opposite inwardly-projecting fixed ledge or lug on the fount-supporting ring, a strong and durable automatic latch mechanism, whereby the operation of inserting the lamp-fount is rendered easy and convenient, the holding of the fount in place rendered firm and substantial, and a possibility of accidental detachment entirely avoided. I attain such object by the construction and arrangement of parts illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of a lamp-fount and the lower portion of the harp or holder therefor, the fount-supporting ring being shown in section; Figs. 2 and 3, detail plan views of opposite sides of the fount-supporting ring, and Fig. 4 an enlarged vertical section illustrating the spring-latch mechanism in its two positions.

Similar numerals of reference indicate like parts in the several views.

Referring to the drawings, 1 represents the lower portion of the hanging-lamp frame or harp, to the extreme lower end of which is secured the horizontal fount-supporting ring 2, the inner and upper marginal edge of which is made overhanging to form an annular abutment for the circumferential bead 3 on the lamp-fount 4 in the usual manner.

5 is a fixed inwardly-projecting ledge or lug on the under side of the ring 2, upon which one side of the lamp-fount is supported by means of its circumferential bead 3.

6 is a vertically-arranged latch-piece, the lower end of which is pivoted at a point diametrically opposite to the fixed lug or ledge 5 by means of pendent brackets 7 on the ring 2, the space between the brackets and an extension thereof up through the body of the

ring 2 forming a receiving and guiding throat or slot for the latch-bar, as shown. This latch-piece is preferably of an anchor shape, the vertical member or shank 8 forming an operating thumb-piece, the inner fluke 9 a supporting-heel for the lamp-fount, and the outer fluke 10 a stop to abut against the under side of the ring 2, as shown, to limit the downward movement of the supporting-heel 9 in use.

11 is a suitable spring attached to the ring 2, with its free end bearing against the latch-piece 6 to force it inwardly to its engaging position. It is evident, however, that the same result may be obtained by gravity, and the same is within the province of the present invention.

While the anchor formation of the latch-piece 6, as shown and described, is preferred on account of its simplicity and effective strength, it is, however, within the province my invention to modify the particular construction of the same—as, for instance, by the omission of the stop-heel 10 altogether—and forming instead a stop on the ring 2 for limiting the inward movement of the vertical thumb-piece 8, as well as other equivalent modifications that would naturally suggest themselves to parties skilled in the art.

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

1. A fount-holder for hanging lamps, comprising, in combination, a fount-supporting ring formed with pendent brackets 7, a vertical guide slot or throat, a fixed supporting lug or ledge 5, a vertically-arranged latch-bar 6, having an inwardly-projecting point or catch 9 and pivoted at its lower end in the pendent brackets 7, with its upwardly-projecting end forming a thumb-piece, the shank of which is guided by the slot in the ring 2, and means for limiting the inward movement of said shank, substantially as set forth.

2. A fount-holder for hanging lamps, comprising, in combination, a fount-supporting ring formed with pendent brackets 7, a vertical guide slot or throat, a fixed supporting-lug or ledge 5, and a vertically-arranged latch-bar 6, having an inwardly-projecting point or catch 9 and an outwardly-projecting point or stop 10, said latch-bar being pivoted at its lower end in the pendent brackets 7, with its

upwardly-projecting end forming a thumb-piece, the shank of which is guided by the guide-slot in the ring 2, substantially as set forth.

- 5 3. A fount-holder for hanging lamps, comprising, in combination, a fount-supporting ring formed with pendent brackets 7, a vertical guide slot or throat, a fixed supporting lug or ledge 5, a vertically-arranged latch-bar
10 6, having an inwardly-projecting point or catch 9 and an outwardly-projecting point or stop 10, said latch-bar being pivoted at its

lower end in the pendent brackets 7, with its upwardly-projecting end forming a thumb-piece, the shank of which is guided by the 15 guide-slot in the ring 2, and a spring 11, adapted to force the latch-bar inwardly, substantially as set forth.

In testimony whereof witness my hand this 14th day of November, 1890.

GEORGE BOHNER.

In presence of—

ROBERT BURNS,

GEO. H. ARTHUR.