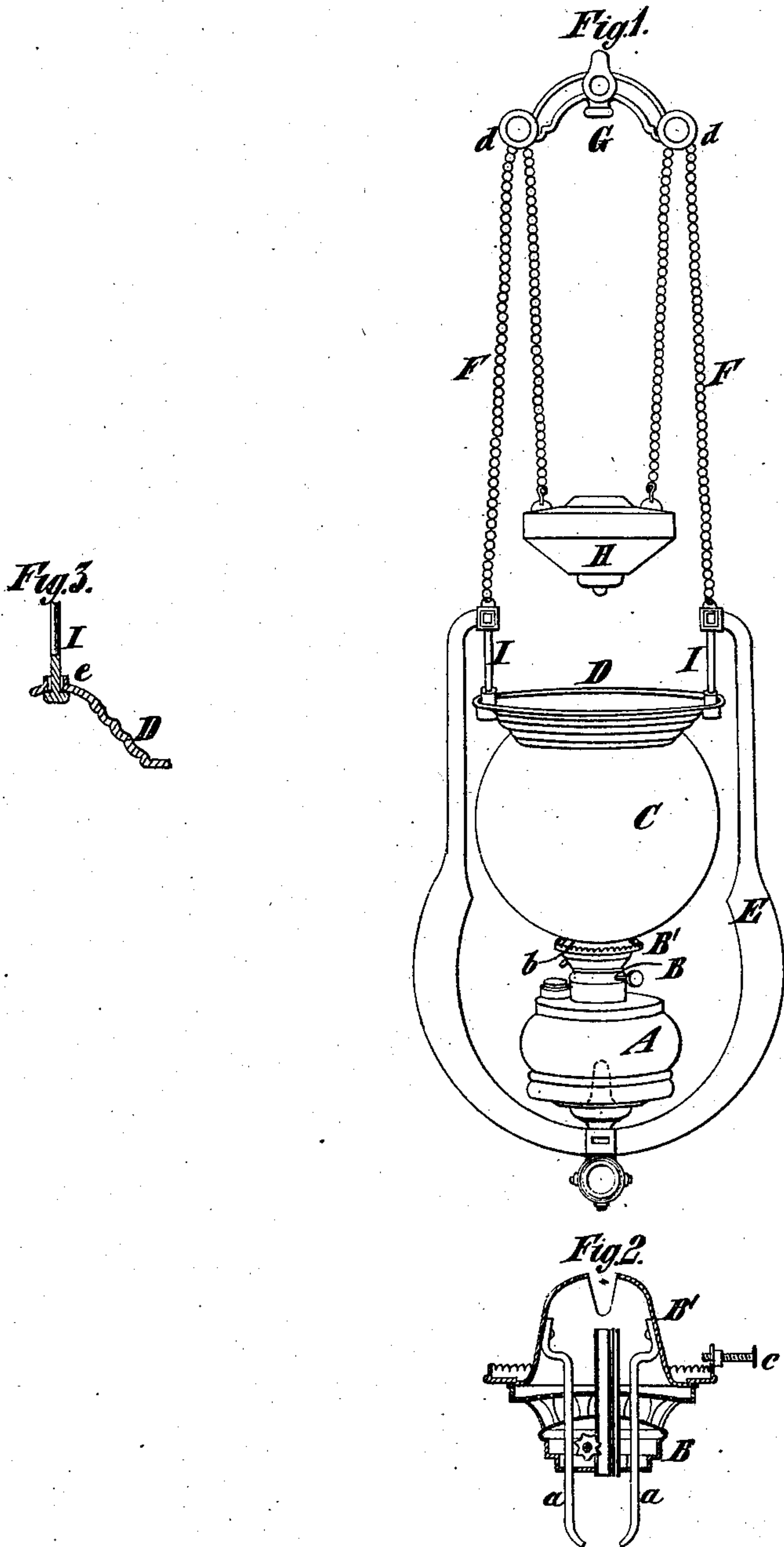


(No Model.)

W. S. McLEWEE.
LAMP.

No. 260,592.

Patented July 4, 1882.



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM S. McLEWEE, OF NEW YORK, ASSIGNOR TO JACOB J. NICHOLS,
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LAMP.

SPECIFICATION forming part of Letters Patent No. 260,592, dated July 4, 1882.

Application filed March 27, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM S. McLEWEE, of New York, in the county and State of New York, have invented a certain new and useful Improvement in Lamps, of which the following is a specification.

My improvement relates to those lamps wherein there is employed, in connection with a globe, shade, or like device, a crown or holder resting on or impinging against the upper portion.

The improvement consists in the combination, with a burner comprising an upper portion, which can be elevated to facilitate lighting, a globe, shade, or like device supported on such upper portion, and a crown or holder resting on or impinging against the globe, shade, or like device, of guide-rods which are connected with the lamp-support and are incapable of independent movement, and along which the said crown or holder may be moved without moving the lamp frame or support, and whereby it is supported in its proper position. By this combination of parts the upper part of the burner can be elevated to facilitate lighting without deranging the parts before named, which are above it.

The improvement also consists in the combination, with a burner, a globe, shade, or like device capable of being detached therefrom, and a crown or holder resting upon or impinging against the globe, shade, or like device, of guide-rods which are connected with the lamp-support and are incapable of independent movement, and along which the crown or holder may be moved without moving the lamp frame or support, to enable the globe, shade, or like device to be inserted or removed, and which serve to suspend the crown or holder when the globe, shade, or like device is removed.

The above-mentioned guide-rods may be fixed at their upper ends in the frame or support of the lamp and extend downward therefrom; and they may be provided with heads at their lower ends, whereby they are enabled to support the aforesaid crown or holder when the other parts of the lamp are removed.

In the accompanying drawings, Figure 1 is a perspective view of a lamp embodying my

improvement. Fig. 2 is a sectional view of the burner alone, and Fig. 3 is a detail section of a part of the crown or holder and a side view of one of the guide-rods therefor.

Similar letters of reference designate corresponding parts in all the figures.

A designates the oil-reservoir. B B' designate the burner. C designates a globe, and D designates a crown fitted thereto. These parts are of well-known construction.

The burner has an upper portion, B', comprising the cone and globe-gallery, connected by rods *a* to the lower portion, B, so that the upper portion may be elevated to afford access to the wick for facilitating lighting.

The globe is of glass and the crown or holder of metal, and the latter may have a finely-perforated top, the object being to enable the globe and crown or holder to subserve together the functions of an ordinary chimney. The crown or holder fits the top of the globe snugly, and hence aids in securing it in position.

The globe is provided, as here shown, with a lip, *b*, at the lower end, and screws *c*, extending from the burner and overlapping this lip, serve to secure the globe in place. On moving these screws outwardly and lifting up the globe it may be detached from the burner. The globe has the function of and is, in fact, a shade.

E designates a frame, which may be of cast metal, and which supports the lamp-reservoir A. It may be provided with a teat entering a socket provided in the bottom of the reservoir. At the upper ends it has attached to it chains F, which pass over pulleys at *d* on a hanger, G, and thence to a counterbalancing-weight, H.

From the upper part of the frame E guide-rods I (here shown as two in number) extend downwardly. They may be of metal, and cast into or as a part of the frame, and they are provided with heads at their lower ends. They enter and fit snugly within sockets *e*, with which the crown or holder D is provided, and the latter may therefore be moved up and down along said rods without moving the lamp frame or support. When the upper part, B', of the burner is raised to facilitate lighting, the crown or holder rises on these guide-rods, and when

the said upper portion of the burner is lowered the crown or holder follows the globe. When the globe is moved upward to detach it from the burner the crown or holder is forced upward, and it is suspended by the guide-rods after the removal of the globe. It is likewise raised when the globe is inserted, and follows the globe downward. Its adjustability enables it to accommodate globes of varying sizes. 15 When the lamp-reservoir is lifted up to remove it and its appurtenances the crown or globe operates in the same manner as just described with reference to the removal of the globe.

It will be seen that by my invention I produce a very simple, convenient, and generally desirable lamp. 15

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, with a burner comprising an upper portion, which can be elevated to facilitate lighting, a globe, shade, or like device supported on such upper portion, and a crown or holder resting on or impinging against said globe, shade, or like device, of guide-rods 20 connected with the frame or support of the lamp and incapable of independent movement, and along which said crown or holder may be moved without moving the lamp frame or support, and by which said crown or holder is supported in its proper position, substantially as specified. 30

2. The combination, with a lamp-burner, a globe, shade, or like device capable of being detached therefrom, and a crown or holder resting upon or impinging against the globe, shade, or like device, of guide-rods which are fixed in the frame or support of the lamp, so that they are incapable of independent movement, and along which said crown or holder may be moved without moving the lamp frame or support, to enable the globe, shade, or like device to be inserted and removed, and which serve to suspend said crown or holder when the globe, shade, or like device is removed, substantially as specified. 45

3. The combination of the frame or lamp-support E, the guide-rods I, fixed in said frame or support, and the crown or holder D, fitting said rods and adapted to slide up and down thereon, substantially as specified. 50

4. The combination of the frame or lamp-support E, the guide-rods I, fixed at the upper ends in said frame or support and extending downward, and provided at the lower ends with heads, and the crown or holder D, fitting said rods and movable up and down thereon, substantially as specified. 55

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Witnesses:

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