

J. KIRBY, Jr.
Lamps.

No. 141,933.

Patented August 19, 1873.

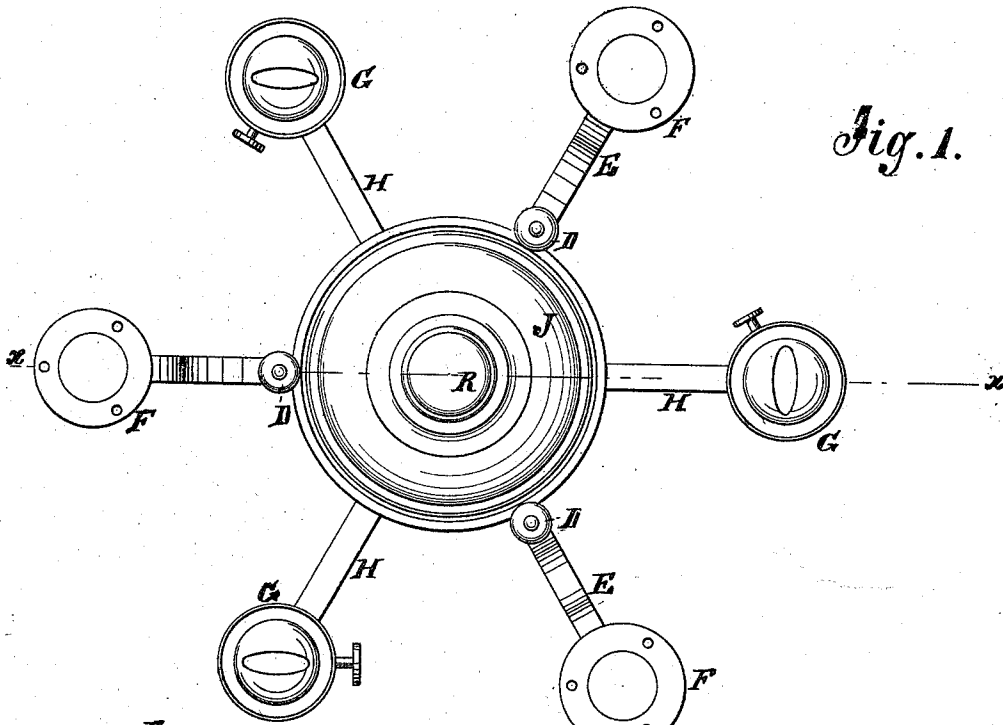


Fig. 1.

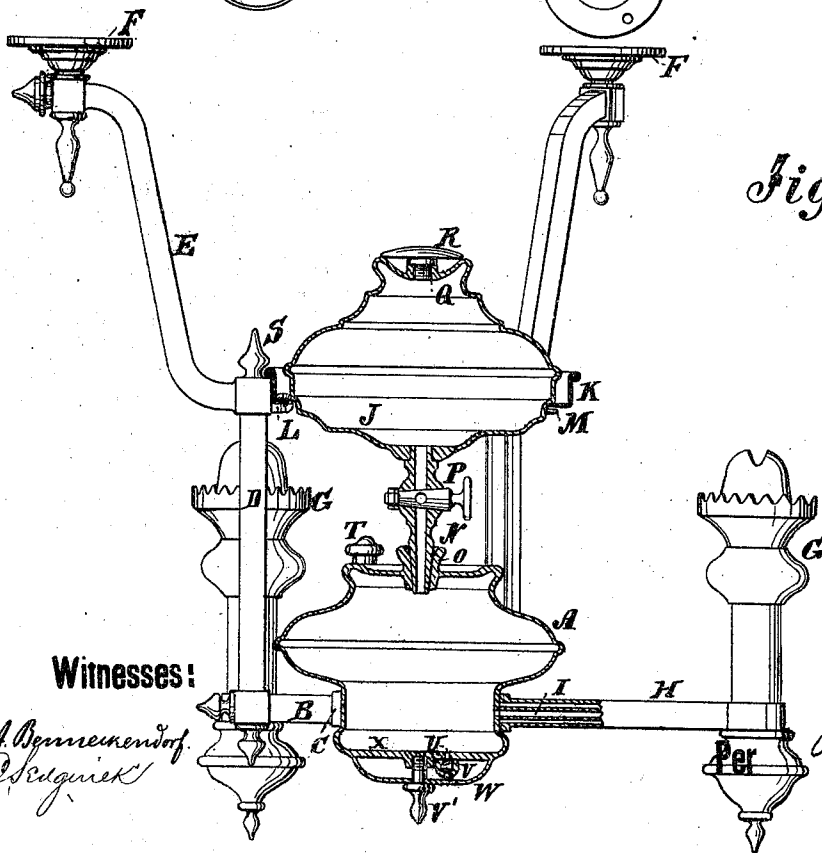


Fig. 2.

Witnesses:

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UNITED STATES PATENT OFFICE.

JOHN KIRBY, JR., OF ADRIAN, MICHIGAN.

IMPROVEMENT IN LAMPS.

Specification forming part of Letters Patent No. **141,933**, dated August 19, 1873; application filed July 5, 1873.

To all whom it may concern:

Be it known that I, JOHN KIRBY, JR., of Adrian, in the county of Lenawee and State of Michigan, have invented a new and Improved Chandelier-Lamp, of which the following is a specification:

My invention is an improvement in the class of hanging or chandelier lamps provided with a detachable feeding-reservoir; and the improvement relates to the construction of the suspending devices of the detachable reservoir, and the means for drawing off the settlings of the permanent reservoir, as herein-after described.

Figure 1 is a top view of my improved chandelier or hanging lamp, and Fig. 2 is a sectional elevation taken on the line *x x* of Fig. 1.

Similar letters of reference indicate corresponding parts.

A represents the permanent reservoir, which is fitted in the ring C supported by the hangers D E, which are attached to the ceiling by the disks F. G represents the burners, which stand erect on the outer ends of hollow arms H, radiating from the ring C in any desired number. I represents oil-tubes connecting the burners with the stationary reservoir through the hollow arms. J represents the detachable reservoir. It is in this example arranged directly over the stationary one, being seated on an angle-shaped ring, K, which is supported between the upper ends of the vertical portions D of the hangers by brackets L projecting from them, and it is secured by lugs M on it, which drop through notches in the horizontal part of the ring, and then turn away from said notches by turning the reservoir. This reservoir J has a nozzle, N, projecting downward from the bottom into reservoir A through a hollow neck, O, in which it

fits snugly, and said nozzle has a cock, P, for closing and opening the passage. Q is an opening at the top for filling the reservoir, and R is the stop for the opening. The ring K is fastened to the brackets L of the hangers D E by screws S, and thus braces the said hangers at a considerable distance above the lower connection of them, so as to bind the frame of the lamp strongly and permanently. T is an opening in the top of reservoir A, with a stopper for introducing a float when it may be desired to ascertain the height of oil in the reservoir and the lamps. U is a passage at the bottom of the permanent reservoir for drawing out the settlings from time to time. It is closed by a cock, V. V' is a screw, which screws into a socket in the under side of the bottom X, and has a large head, which is thereby pressed hard against the under side of a secondary bottom, W, through which the plug passes, and which is capable of springing a little to allow the plug-head to fit oil-tight, said bottom being to receive the drippings and conceal the cock.

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

1. The reservoir J provided with lugs M, in combination with the ring K having notches, as described, and supported by brackets L formed on the posts D of the hangers, all as shown and described.

2. The combination of the secondary bottom W, screw V', and stopper V with the permanent reservoir A, substantially as specified.

JOHN KIRBY, JR.

Witnesses:

JOHN KIRBY,

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