J. CALLOPY.

OIL-CHANDELIER.

No. 176,831. Patented May 2, 1876.

Fig. 1

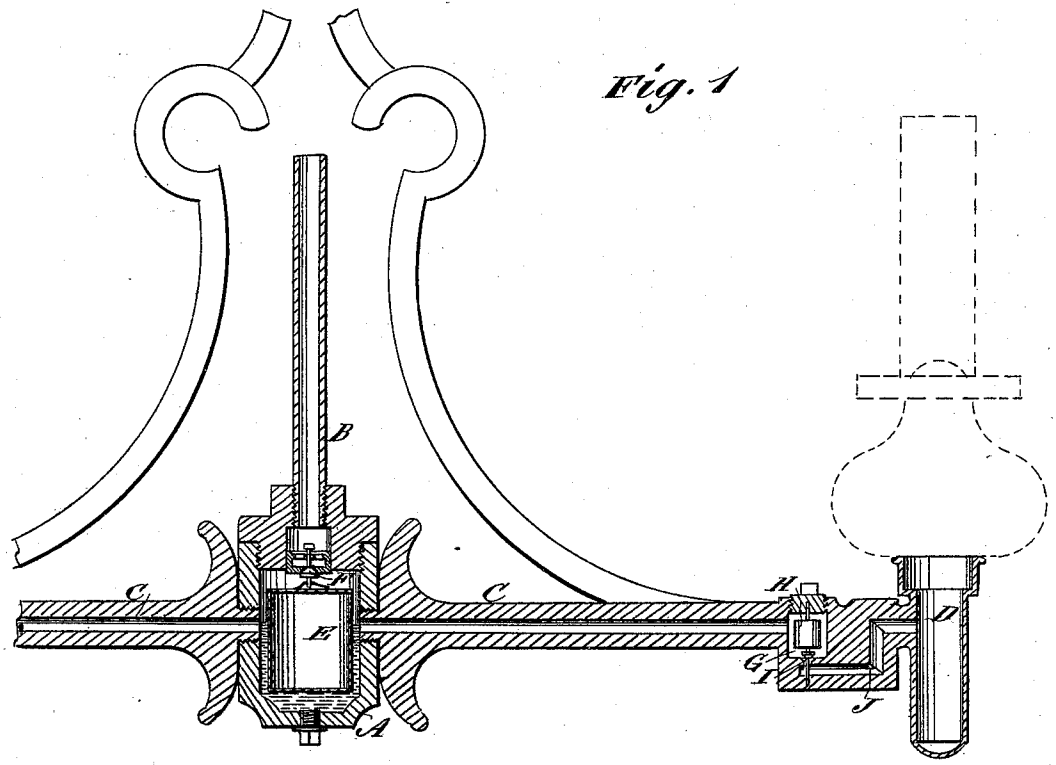
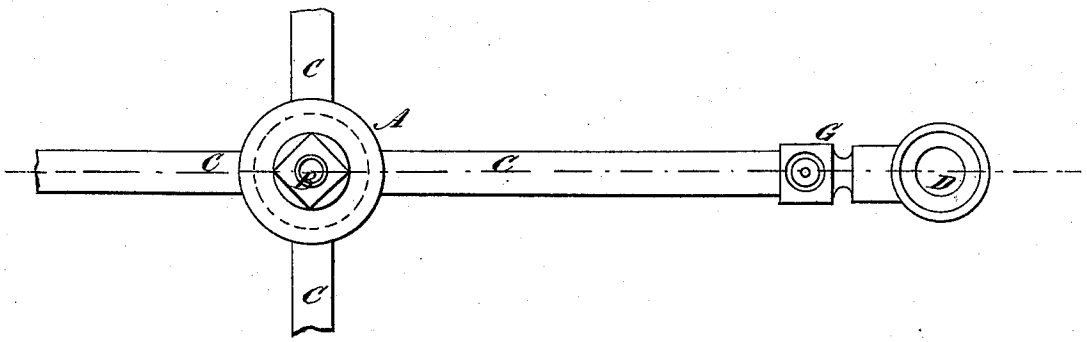


Fig. 2



WITNESSES:

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UNITED STATES PATENT OFFICE.

JAMES CALLOPY, OF NEW YORK, N. Y.

IMPROVEMENT IN OIL-CHANDELIERS.

Specification forming part of Letters Patent No. **176,831**, dated May 2,1876; application filed March 25, 1876.

To all whom it may concern:

Be it known that I, JAMES CALLOPY, of the city, county, and State of New York, have invented a new and Improved Oil-Chandelier, of which the following is a specification:

My invention consists of a contrivance to automatically stop the flow of oil when a burner is broken off or otherwise displaced, to prevent soiling carpets and furniture, and save the oil.

Figure 1 is a section of a chandelier contrived according to my invention, the section being taken on the line *x x*, Fig. 2.

Similar letters of reference indicate corresponding parts.

A is an oil-reservoir at the center of the chandelier, receiving oil from the supply-pipe B, and distributing it through arms C to the burners D. E is a float in this chamber, on the top of which is a valve, F, closing upward.

When the oil has raised in the reservoir high enough to supply the burners properly, it lifts the float, so that the valve shuts off the supply until more is required, when the float descends enough to open the valve and admit the needed amount.

To stop the escape of the oil in case a burner, D, becomes detached, I have another chamber, G, in pipe C, in which is a float, H, with a valve, I, closing downward, in which chamber the oil is balanced by an equal column in the vertical part J of the passage to the burner, and the float is held up, so as to keep the valve open so long as the burner is all right; but in case it becomes detached and the balancing-column J displaced, the valve will be closed by the weight of oil on it, and the flow through it stopped.

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

The float H and valve J, located in a chamber, G, of the burner feed-pipe C, and arranged to close the pipe when the burner is detached, substantially as specified.

JAMES CALLOPY.

Witnesses:
T. B. MOSHER,
ALEX. F. ROBERTS.