O. TAMAGNO.

FLOATING OIL-BURNERS.

No. 195,313. Patented Sept. 18, 1877.

Fig. 1.

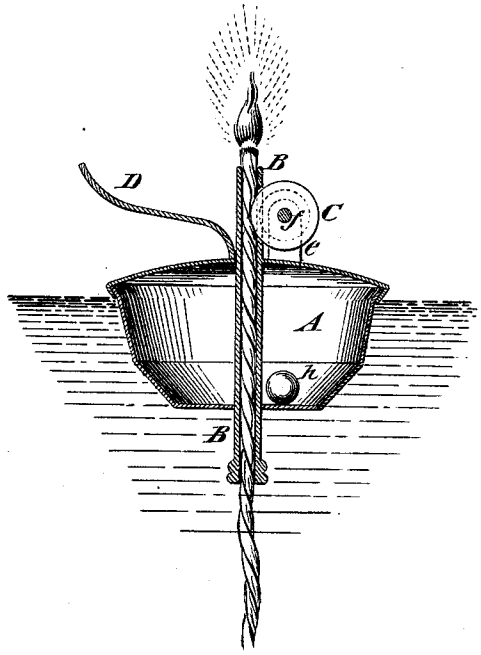
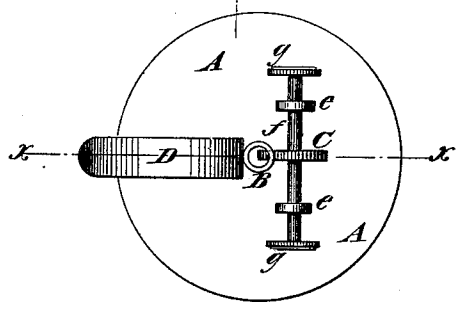


Fig. 2.



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IMPROVEMENT IN FLOATING OIL-BURNERS.

Specification forming part of Letters Patent No. **195,313**, dated September 18, 1877; application filed March 3, 1877.

To all whom it may concern:

Be it known that I, OSCAR TAMAGNO, of the city, county, and State of New York, have invented a new and Improved Floating Oil-Burner, of which the following is a specification:

Figure 1 is a transverse section on line *x x*, Fig. 2; and Fig. 2 is a plan view.

The object of my invention is to provide a floating burner for night or sanctuary lights in which a long wick may be used, which obviates the various difficulties hitherto experienced in using lights of this class.

In the drawing, A is a cup-shaped float, having a convex top, and B is a tube that passes through the float, extending both above and below it. The lower end of the said tube is loaded to maintain it in a vertical position. A slot is cut in the side of the wick-tube B, near its upper end, to receive the edge of the serrated wheel C, which is placed on the spindle *f*. The spindle *f* is journaled in posts *e*, that project upward from the top of the float, and upon each end of the said spindle a milled head, *g*, is placed. A curved handle, D, is attached to the top of the float, for convenience in handling the burner. A ball, *h*, is placed in the float A, which may be shifted so as to counterbalance the heavier side and cause the float to set evenly in the oil in which it is placed.

The float is air-tight, and, being formed of thin sheet metal, remains effective, whereas floats of cork or wood soon become oil-soaked and worthless.

A long wick being used renders it possible to maintain a light for a considerable time, whereas the short wicks ordinarily used in floating burners require frequent replacing.

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

A floating oil-burner consisting, essentially, of a hollow metallic float, A, a wick-tube, B, and a suitable device for raising and lowering a wick fitted in said tube, substantially as and for the purpose set forth.

OSCAR TAMAGNO.

Witnesses:

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