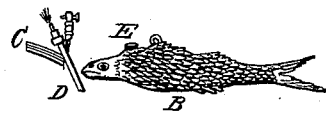
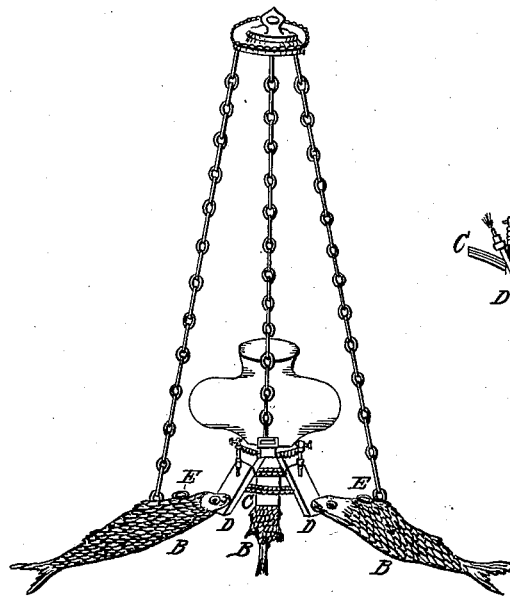
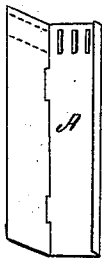
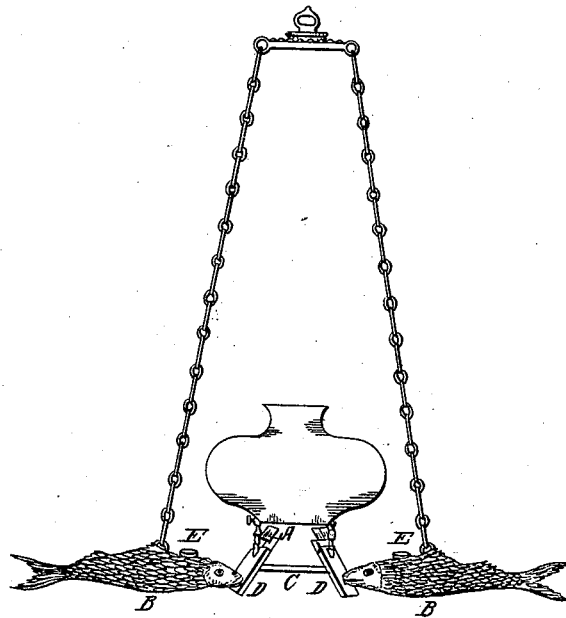


A. PLATT.
Chandelier.

Patented Oct. 8, 1836.



UNITED STATES PATENT OFFICE.

ALONZO PLATT, OF MIDDLETOWN, CONNECTICUT.

HANGING LAMP.

Specification of Letters Patent No. 42, dated October 8, 1836; Antedated August 13, 1836.

To all whom it may concern:

Be it known that I, ALONZO PLATT, of Middletown, in the county of Middlesex and State of Connecticut, have invented a new and useful Hanging Lamp, which I call the "Union Lamp;" and I do hereby declare that the following is a full and exact description thereof.

In my invention a clear and vivid light is produced by the union of three (or more or less) separate and distinct lamps or reservoirs, so combined as to burn under one glass, these lamps may be made of different shapes to suit the fancy, but that of a fish is recommended as the best.

To construct the lamp let the several fishes be so arranged heads to heads, as to make equal divisions of a circle described upon their opposite ends. The heads should not be in close contact, but a little distance apart. Let the fishes be connected together by small braces or by a ring near their heads, the fishes or lamps may be of block tin or any other suitable metal cast whole in molds, or cast in two or more parts, and afterward soldered together. They may be painted or otherwise ornamented at pleasure. Let there be flat tubes for the wicks, about one inch in width, and two or more inches in length, made of tin or other proper metal let in at the heads of the fishes standing obliquely from a perpendicular position, the upper ends being nearest the center. The wick tubes are made to open and shut in the manner of a hinge for the purpose of removing and replacing the wicks with facility. The orifices in which the tubes are inserted are encircled by small collars so disposed as to catch the drippings from the

wicks. Let the feeder of each lamp be inserted on any convenient part of it, place a common globular glass tube over the wicks in the usual way, suspend the lamp by means of chains, and a canopy in the same manner, as other lamps are suspended.

From the foregoing arrangement it will appear that there is an open space between the several lamps through which the light from the burning wicks is communicated in direct rays without the obstruction of any surrounding shell or body, making not only a more perfect light in all directions than any other hanging light produces, but an entirely perfect light under the lamp casting no circle, shadow or shade.

When necessary a plane glass may be placed upon the connecting braces or ring or in some other manner under the flame, so as to catch sparks falling from the wicks, which will render it a safe and efficient lamp for cotton factories, and in other dangerous situations.

The lamp, and its appendages are represented by the accompanying drawings. The references are the same in all figures. A hinged wick tube, B, B, B, lamps C, ring D, D, D, tube cases, E, E, E, feeders.

What I claim as my invention is—

The wick tube as it opens in the manner of a hinge, and also the above combination or arrangement of independent or distinct lamps burning under one glass.

Dated at Middletown, in the State of Connecticut, the 1st day of August A. D. 1836.

ALONZO PLATT.

Witnesses:

HORACE E. BOARDMAN,
SAMUEL W. GRISWOLD.