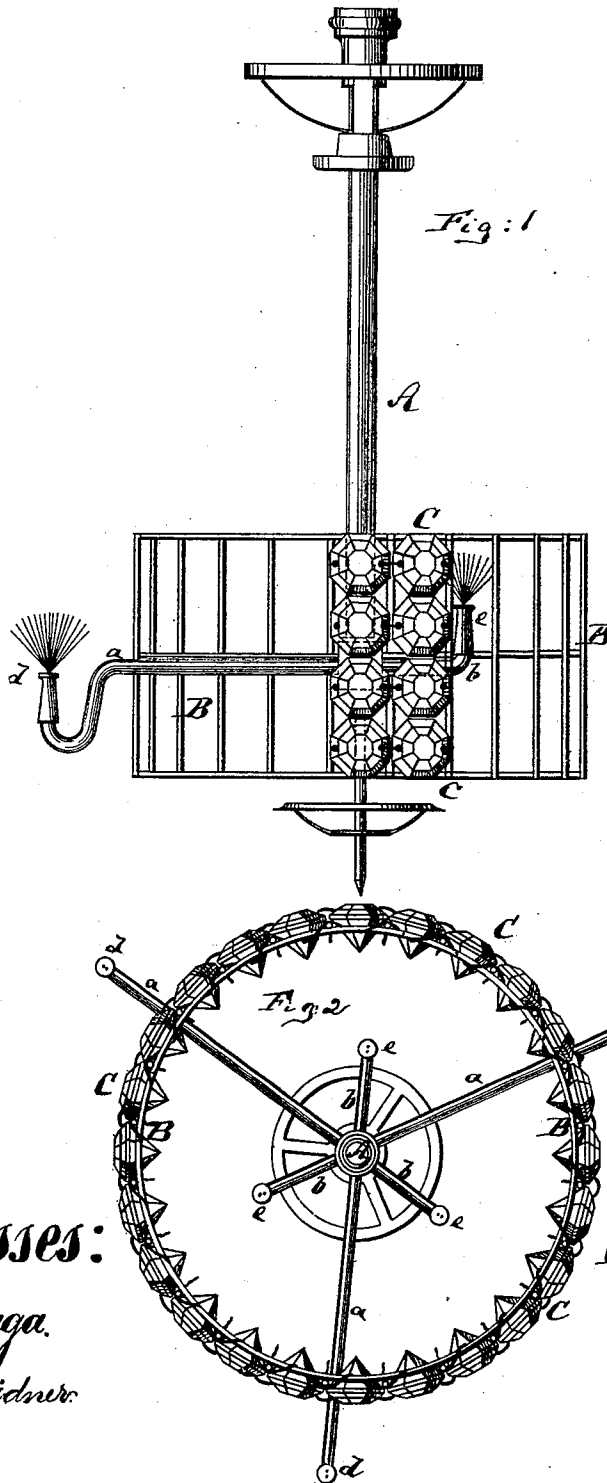


F. McLEWEE.
Chandelier.

No. 167,921.

Patented Sept. 21, 1875.



Witnesses:

A. Moraga.
O. A. Widmer.

Inventor

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UNITED STATES PATENT OFFICE.

FREDERICK McLEWEE, OF NEW YORK, N. Y.

IMPROVEMENT IN CHANDELIERS.

Specification forming part of Letters Patent No. **167,921**, dated September 21, 1875; application filed August 12, 1875.

To all whom it may concern:

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

Figure 1 represents a side view, partly in section, of my improved chandelier. Fig. 2 is a top view of the same.

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

This invention has for its object to produce a new chandelier, in which, by a peculiar arrangement of a frame carrying crystal reflectors, a brilliant and novel effect can be obtained.

The invention consists in combining with a wire frame, which carries a series of prism-heads, or crystals, gas-burners that are outside of such frame and crystals, and also burners that are within such frame and crystals, as hereinafter more fully described.

In the accompanying drawing, the letter A represents a vertical gas-pipe, which serves as a support for my improved chandelier, having at or near its lower part a series of projecting branch pipes, *a a* and *b b*, with burners *d d* and *e e*, respectively, on the ends thereof. B is a wire frame-work of suitable style and shape, made to secure and hold in proper position a series of crystals or prism-heads, C C, which are by preference made of cut glass, such crystals or prism-heads being firmly and rigidly attached to the wire frame-work to completely cover and conceal the frame. The branch pipes *a*, that carry the burners *d*, ex-

tend outside of and beyond the frame-work, while the branch pipes *b*, that carry the burners *e*, do not extend to the wire frame, so that when the burners are lighted flames will be within and other flames without the wire frame-work that carries the crystals.

In this way a very peculiar but beautiful effect will be produced, as the light from the inner burners *e* will pass through the crystals, while that from the outer burners will be in part reflected by the crystals, and thus, by simple means, a compound transmitted and reflected light will be obtained. The effect will also be very marked if the inner lights *e* are entirely omitted and the outer lights only employed, because the flames of the outer burners will be colored and diffused by the reflecting-surfaces of the prism-heads. These prism-heads or crystals may be of suitable varying colors of glass or similar transparent or translucent material.

I claim as my invention—

1. The combination of the wire-frame B, carrying the crystals C, with the branch pipes *a* and burners *d*, of a chandelier, substantially as and for the purpose specified.

2. The combination of the wire-frame B, carrying the crystals C, with the branch pipes *a*, burners *d*, branch pipes *b*, and burners *e*, all substantially as herein shown and described.

FREDERICK McLEWEE.

Witnesses:

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