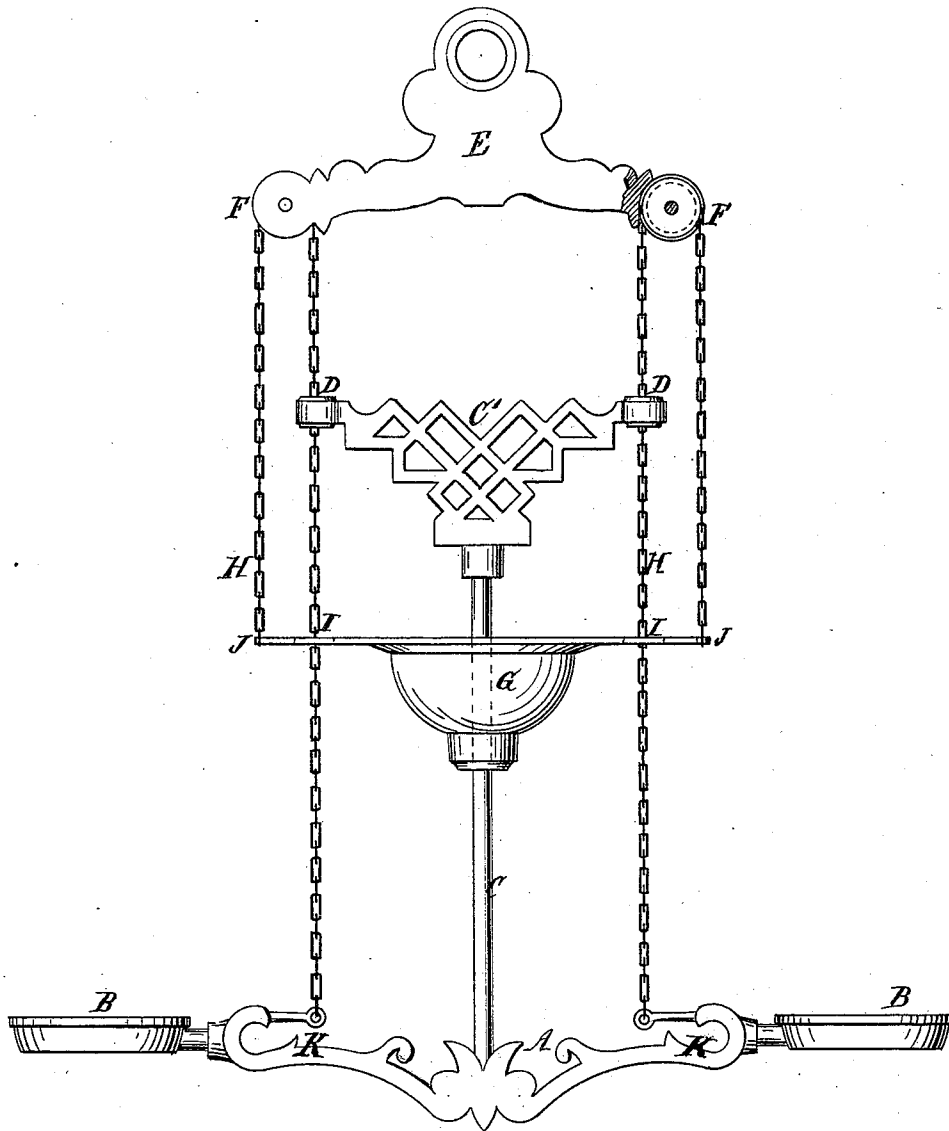


R. MARSH.

ADJUSTABLE CHANDELIER.

No. 191,064.

Patented May 22, 1877.



Witnesses:
Ernst Bilhuber
Wm Faulhaber

Inventor:
Riversius Marsh
Per I. J. M^c Dougall Atty

UNITED STATES PATENT OFFICE.

RIVERIUS MARSH, OF FLUSHING, NEW YORK.

IMPROVEMENT IN ADJUSTABLE CHANDELIER.

Specification forming part of Letters Patent No. 191,064, dated May 22, 1877; application filed March 14, 1877.

To all whom it may concern:

Be it known that I, RIVERIUS MARSH, of the town of Flushing, county of Queens, and State of New York, have invented a certain new and useful Improvement in Adjustable Chandeliers; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure 1 is a side view, part in section, of my adjustable chandelier.

The object of my invention is to produce an adjustable chandelier which will be easily moved up and down, and one that will be more rigid than the ordinary chain fixture.

I construct my adjustable chandelier of metal, with an ornamental body, A, and arms to attach the lamps to, as shown at B B. From the center of the body A rises a guide rod or tube, reaching to or near the top of the fixture when not extended, as shown at C. On the top of this guide-rod is an ornamental cross-bar, C', having eyes or openings in the outer ends, as shown at D D. On the top of the chandelier is an ornamental cross-head, with an eye or opening in the top, so that the chandelier can be suspended from the ceiling, as shown at E. In the outer ends of the cross-head is a pulley-wheel, either rigid or free, for the chains or cords to pass over, as shown at F F. On the guide-rod C is an ornamental weight, G, made to move up and down freely on the guide-rod, and having openings through it, or in the projections from it, for the chains or cords H H to pass through, as shown at I I, and also has eyes or hooks projecting out-

side the weight, to attach the chains to, as shown at J J.

The chandelier is connected together by the chains or cords H H.

Operation: Connect the adjustable chandelier together by attaching the chains or cords H H to the ornamental body A or the arms B B, as shown at K K; pass the chains or cords H H up through the openings I I in the projections on the weight G, and up through the eyes D D in the cross-bar C', and up over the wheels F F in the cross-head E, and down, and attach to the projections on the weight G, as shown at J J. It is then ready for use, and can be lowered or raised, at pleasure, by simply pulling down on the fixture or raising up on it, and it will remain in any position it is placed by the action of the weight G and the friction on the parts shown.

The advantages of this adjustable chandelier is, that it is more rigid than the ordinary chain fixture, is more perfectly guided, and less liable to sway back and forth.

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

1. The weight G, in combination with an adjustable chandelier having the guide-rod C and cross-bar C', substantially as and for the purpose herein set forth.

2. The adjustable chandelier having a guide-rod, C, rising up from the body A, its cross-bar C', and weight G, and cross-head E, when arranged and operated substantially as and for the purpose herein set forth.

RIVERIUS MARSH.

Witnesses:

THEODORE P. PURSELL,
HORACE CRAIGHEAD.