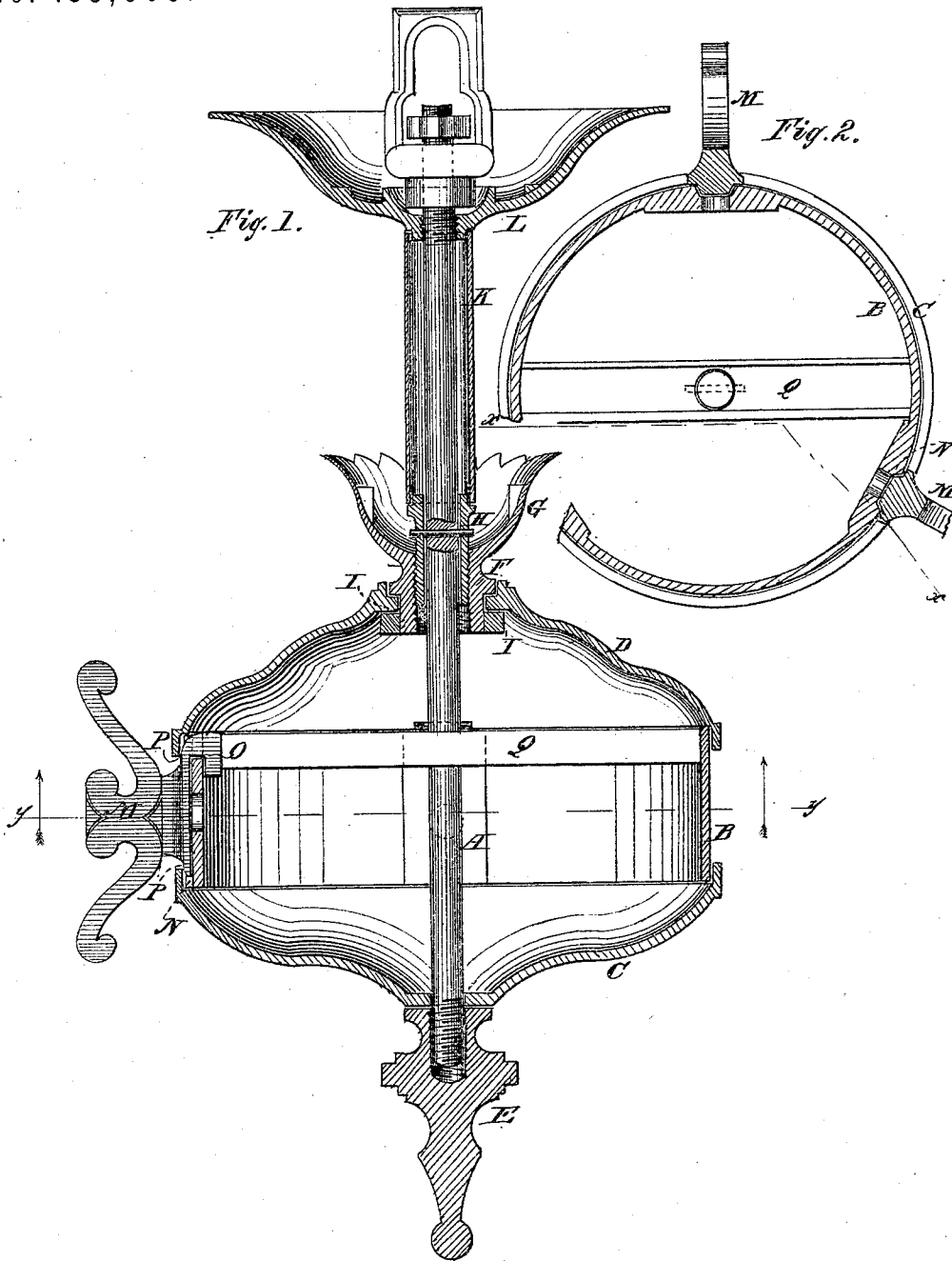


J. KINTZ.
Chandeliers.

No. 139,066.

Patented May 20, 1873



Witnesses:
P. C. Dietrich.
S. J. G. G. G.

Inventor:
J. Kintz
PER *[Signature]*
Attorneys.

UNITED STATES PATENT OFFICE.

JOSEPH KINTZ, OF WEST MERIDEN, ASSIGNOR TO JOSEPH KINTZ, OF MERIDEN, AND P. J. CLARK, OF WEST MERIDEN, CONNECTICUT.

IMPROVEMENT IN CHANDELIERS.

Specification forming part of Letters Patent No. 139,066, dated May 20, 1873; application filed November 30, 1872.

To all whom it may concern:

Be it known that I, JOSEPH KINTZ, of West Meriden, in the county of New Haven and State of Connecticut, have invented a new and Improved Chandelier-Center, of which the following is a specification:

The essential object of this invention is to so make a chandelier that I can trim the center and suspending rod permanently without putting the arms in place, to facilitate the packing for shipment, and so that when received by the purchaser the arms can be readily put in without disturbing the ornaments to any material extent. The invention consists of a hollow center-piece, to which the arms are attached, made of a ring, and a bottom and top of a cup-shaped form, which are screwed against the ring by nuts on the rod, and have flanges overlapping the edges to hold it in place, and the arms are hooked onto the top of the ring and confined by the flanges of the top and bottom parts. The top part is swiveled to a female nut, which is a part of the ornamental piece above the center, by which it is readily raised up from the ring to admit the hooks of the arms for attaching them, and then screwed down again to secure them. The ring is connected to the suspending-rod by bars projecting from the rod radially, to prevent turning.

Figure 1 is a sectional elevation of my improved chandelier-center, taken on the line *x x* of Fig. 2; and Fig. 2 is a horizontal section, taken on the line *y y* of Fig. 1.

Similar letters of reference indicate corresponding parts.

A is the suspending-rod. B is the ring or middle piece of the hollow center. C is the bottom, and D the top cup-shaped pieces. E is an ornamental socket-nut screwed onto the lower end of the rod for a finish thereto, and to support the bottom piece C, which is perforated at the center and slipped on the rod from the lower end. F is a female nut, with an ornamental top, G, screwing up and down on a male screw, H, fitted to the rod where it passes through the top piece D of the center, which has a large hole at the center, and is swiveled to the lower end of the nut F at I,

so that said nut can turn freely to raise and lower the top. The screw H is a short sleeve, fitted snugly on the rod A, and pinned to it; at its upper end rests the lower end of a gilt tube, K, which serves at its upper end for the seat of the top ornament L, which screws down on the rod firmly upon the top of the tube, and holds it fast. M represents the arms, which at the inner ends abut against the ring B in a shallow, vertical groove, N, extending from bottom to top, and have a hook, O, at the top, hooking on the top edge of the ring. The said inner ends are flanged at top and bottom, as shown at P, and they extend so as to be embraced by the flanges of the top and bottom D C of the center, to be clamped fast by them when the top is screwed down. These flanges are beveled a little, so as to be bound firmly by the flanges of the center-piece. Q represents the arms on the suspending-rod, connecting the ring B of the center-piece.

It will be seen that by this construction all the ornaments of the center-piece can be fitted on, and the arms, being left off to facilitate packing for shipment, may be readily connected afterward by the receiver, merely by raising the top part D by the screw-nut F, putting in the arms, and screwing the part D down again, without disturbing the ornaments or having to take them off and put them on again, as is necessary with the chandeliers as heretofore constructed.

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

1. The combination of the screw H and the nut F with the rod A and the top D of the center-piece, the screw H being secured to the rod and the nut F swiveled to the top D, substantially as specified.

2. The ornamental tube K, screw H, and nut F, arranged in such manner that the nut can be raised and lowered to connect and disconnect the arms without disturbing said tube, substantially as specified.

JOSEPH KINTZ.

Witnesses:

ORVILLE H. PLATT,
SAML. T. BIRDSALL.