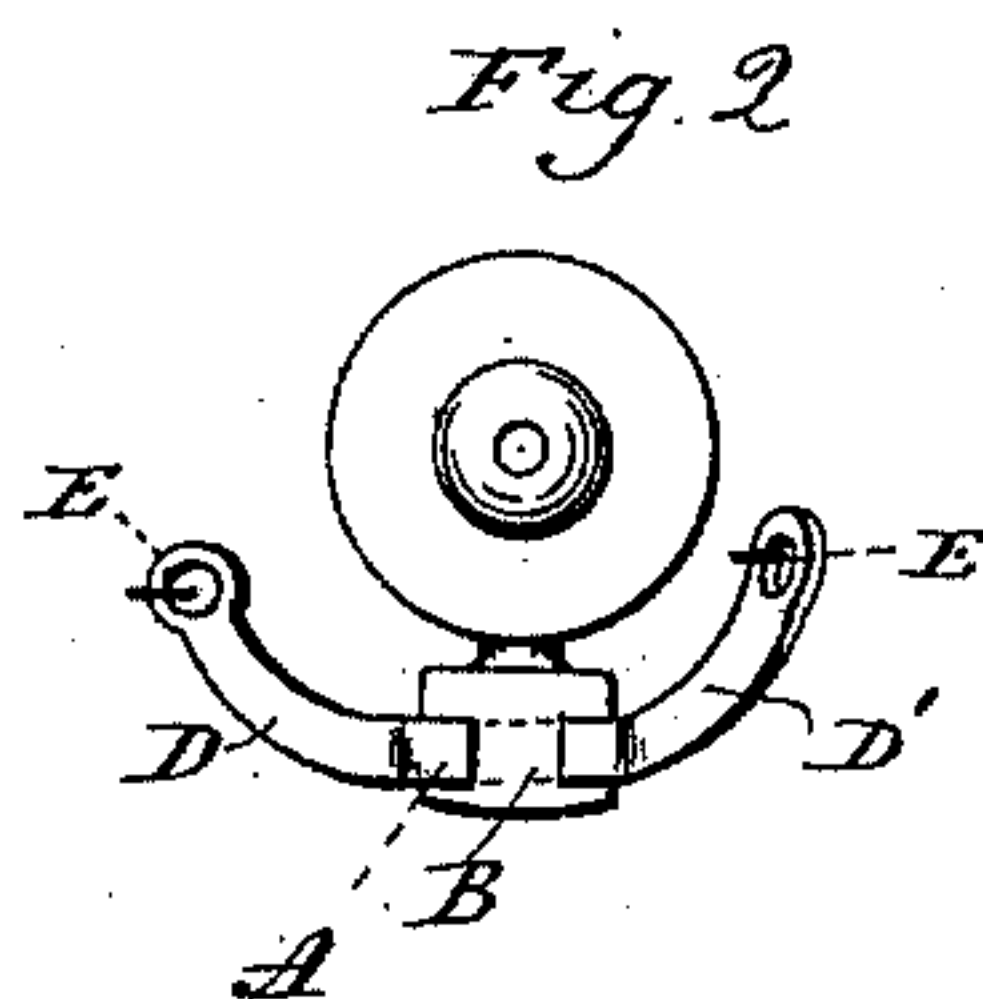
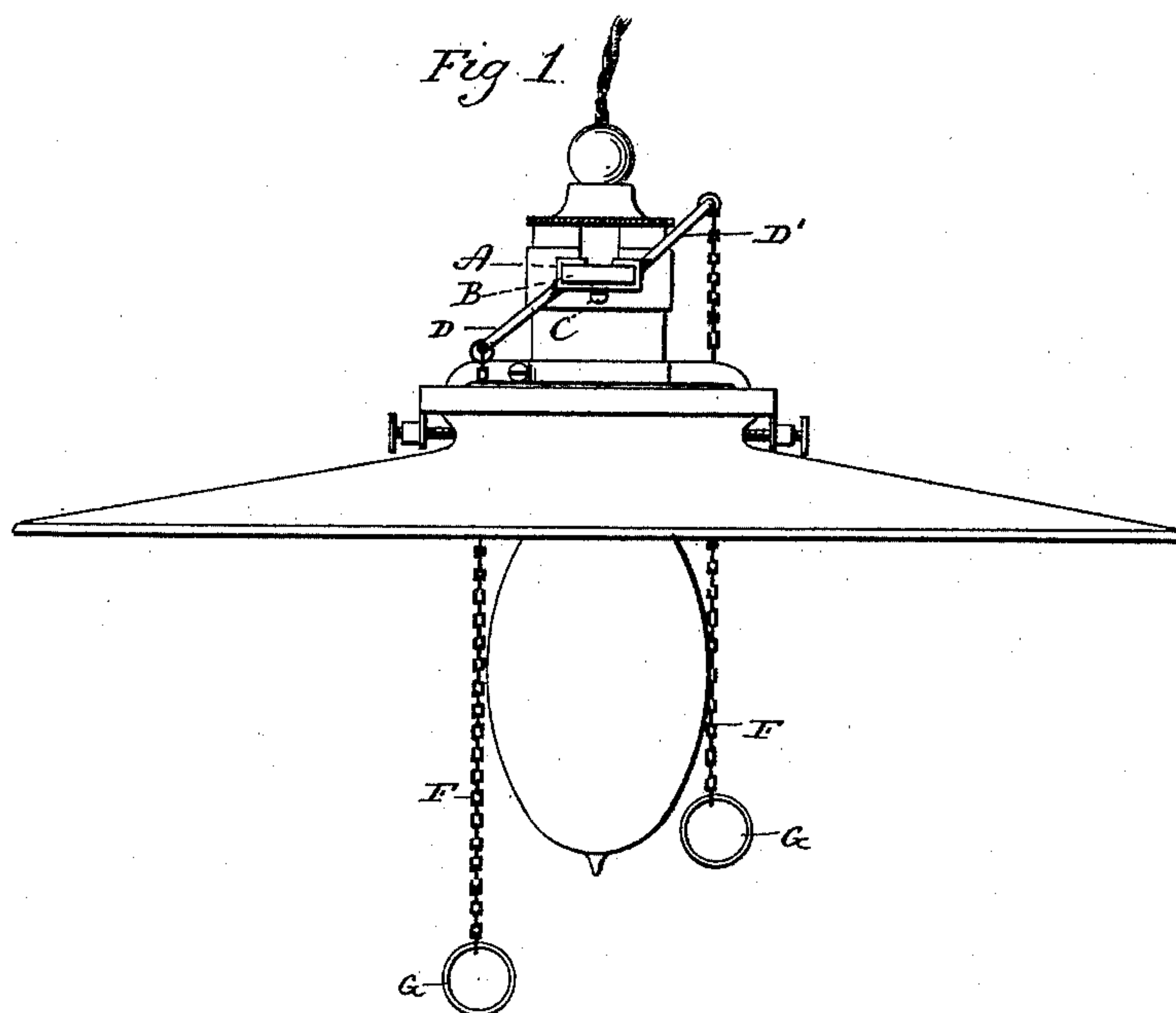


(No Model.)

F. LEWIS.  
INCANDESCENT LAMP FIXTURE.

No. 441,877.

Patented Dec. 2, 1890.



Witness  
Chas. E. Beck.  
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# UNITED STATES PATENT OFFICE.

FREDERICK LEWIS, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO JOHN C. ENGLISH, OF SAME PLACE.

## INCANDESCENT-LAMP FIXTURE.

SPECIFICATION forming part of Letters Patent No. 441,877, dated December 2, 1890.

Application filed August 9, 1890. Serial No. 361,594. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK LEWIS, of New Haven, in the county of New Haven and State of Connecticut, have invented a new Improvement in Incandescent Electric Lamps; and I do hereby declare the following, when taken in connection with accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a view in side elevation of an incandescent electric lamp provided with my improvement; Fig. 2, a detached plan view of the lamp removed from the shade and shade-holder.

My invention relates to an improvement in incandescent electric lamps, the object being to provide simple and convenient means for turning the current on and off a lamp provided with the usual flat key or thumb-piece, and primarily designed to be operated by hand, but hung or placed so as to be not readily accessible for such operation.

With these ends in view my invention consists in a two-armed operating-lever having its central portion or body adapted to fit over or embrace an ordinary flat key or thumb-piece.

As herein shown, my improved device consists of a body portion A open at one side and having an elongated opening conforming to the transverse section of the key or thumb-piece B, over which the said body portion is slipped, being secured in place, as herein shown, by means of a set-screw C, which will preferably be employed, although I might make the operating-lever of spring metal and secure it in place by its elasticity. Two arms

D and D', projecting from opposite corners and ends of the said body portion and preferably formed integral therewith, extend outward and inward at an angle to each other, and are provided at their outer ends with eyes E for the attachment of long chains F, which extend down into convenient reach. These chains are provided at their lower ends with rings G, and may, if desired, be replaced by light cords. It will be apparent that by operating one chain or the other the key or thumb-piece may be given a quarter-turn and the current turned onto or off the lamp.

It will be understood that my improvement is applicable to any incandescent electric lamp having a flat key or thumb-piece, which requires no modification or change for the application of my improvement to it. The body portion of the device may, however, be formed in different ways, and the arms may be bent and inclined with respect to each other as is found most convenient in use.

What I claim as new, and desire to secure by Letters Patent, is—

The combination, with an incandescent electric lamp having a flat key or thumb-piece for turning the current off and on, of a two-armed operating-lever having a central body portion provided with an opening adapting it to be slipped over and secured to the thumb-piece or key, and operating chains or cords attached to the outer ends of the arms of the lever and hanging down within easy reach for turning on and off the current, substantially as described.

FREDERICK LEWIS.

Witnesses:

GEO. D. SEYMOUR,  
FRED C. EARLE.