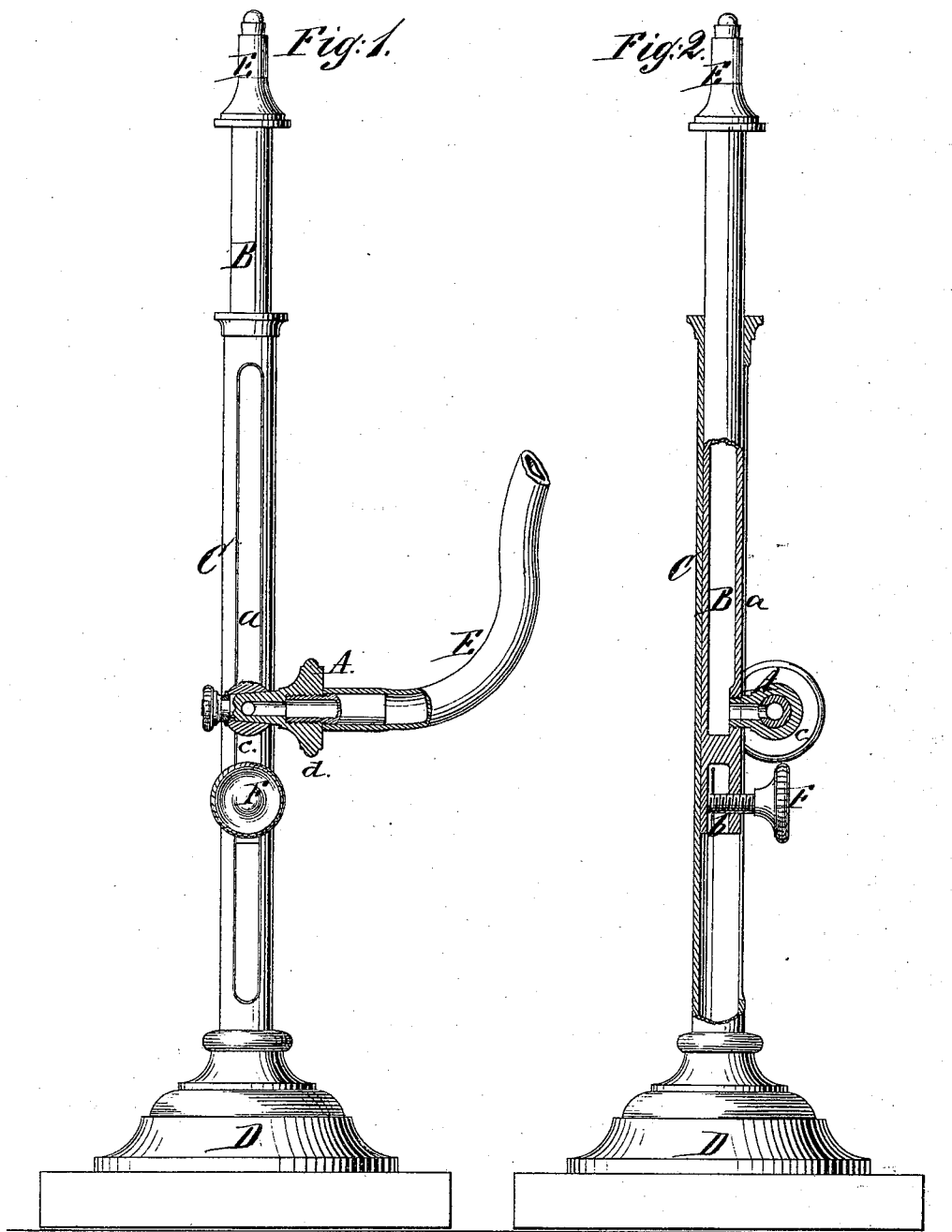


H. C. BECK.

Standards for Drop-Lights.

No. 148,404.

Patented March 10, 1874.



Witnesses:
Ernst Bilhuber.
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UNITED STATES PATENT OFFICE.

HEINRICH C. BECK, OF NEW YORK, N. Y.

IMPROVEMENT IN STANDARDS FOR DROP-LIGHTS.

Specification forming part of Letters Patent No. **148,404**, dated March 10, 1874; application filed February 12, 1874.

To all whom it may concern:

Be it known that I, HEINRICH C. BECK, of the city, county, and State of New York, have invented a new and useful Improvement in Gas-Lamps, or Standards for Drop-Lights; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 represents a sectional front view of this invention. Fig. 2 is a sectional side view of the same.

Similar letters indicate corresponding parts.

This invention consists in combining, with a slotted socket-piece rising from a suitable base piece or plate, a movable burner-tube, having a stop-cock and plug to connect it with a flexible gas-pipe, in such a manner that the tube can be raised and lowered, and the stop-cock opened and closed to let on or off the gas at any position in the slot of the socket, the burner-tube being retained in the required position by a set-screw, or other suitable clamping mechanism.

In the drawing, the letter A designates a stop-cock, the slide of which is secured to and communicates with a tube, B, that slides up and down in a socket, C, rising from a stand, D. The plug *d* of the stop-cock A connects, by means of a flexible pipe, E, with a gas-supply pipe, in such a manner that the slide B can be raised and lowered, and the plug can be opened or closed without difficulty, whatever may be the position of said slide. On the top of the slide B is secured a burner, E, and its bottom end is closed, (see Fig. 2,) and provided with a set-screw, F, by means of

which the slide can be retained at any desired height, the socket C being furnished with a slot, *a*, through which extends the stop-cock A, and also the set-screw F.

That portion of the slide B which is opposite to the set-screw F is split, as shown at *b* in Fig. 2, so that the point of the set-screw bears upon the split section of said slide, and thereby the socket C is preserved from injury by the pressure of the screw.

The connection of the plug of the stop-cock with the gas-pipe E may be effected in any suitable manner, and since the plug is moved only a quarter-turn for opening and closing, the gas-pipe E will in no wise interfere with its motion.

By these means a gas-lamp is obtained which is cheap and very convenient in its operation, and which can be readily adjusted at any desirable height.

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

1. The slotted socket-piece C, combined with the movable burner-tube B, having a stop-cock, A, to connect it with a gas-pipe, substantially as described, whereby the burner-tube can be raised and lowered, and the stop-cock operated at any position in the slot of the socket, as set forth.

2. The slotted socket C and burner-tube B, provided with a stop-cock and with a set-screw, substantially as described, whereby gas may be admitted to or cut off from the burner-tube, and the tube retained at any required position, as specified.

HEINRICH C. BECK.

Witnesses:

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