

(No Model.)

C. Q. STANDARD.  
SMOKE BELL HANGER.

No. 450,799.

Patented Apr. 21, 1891.

Fig. 1.

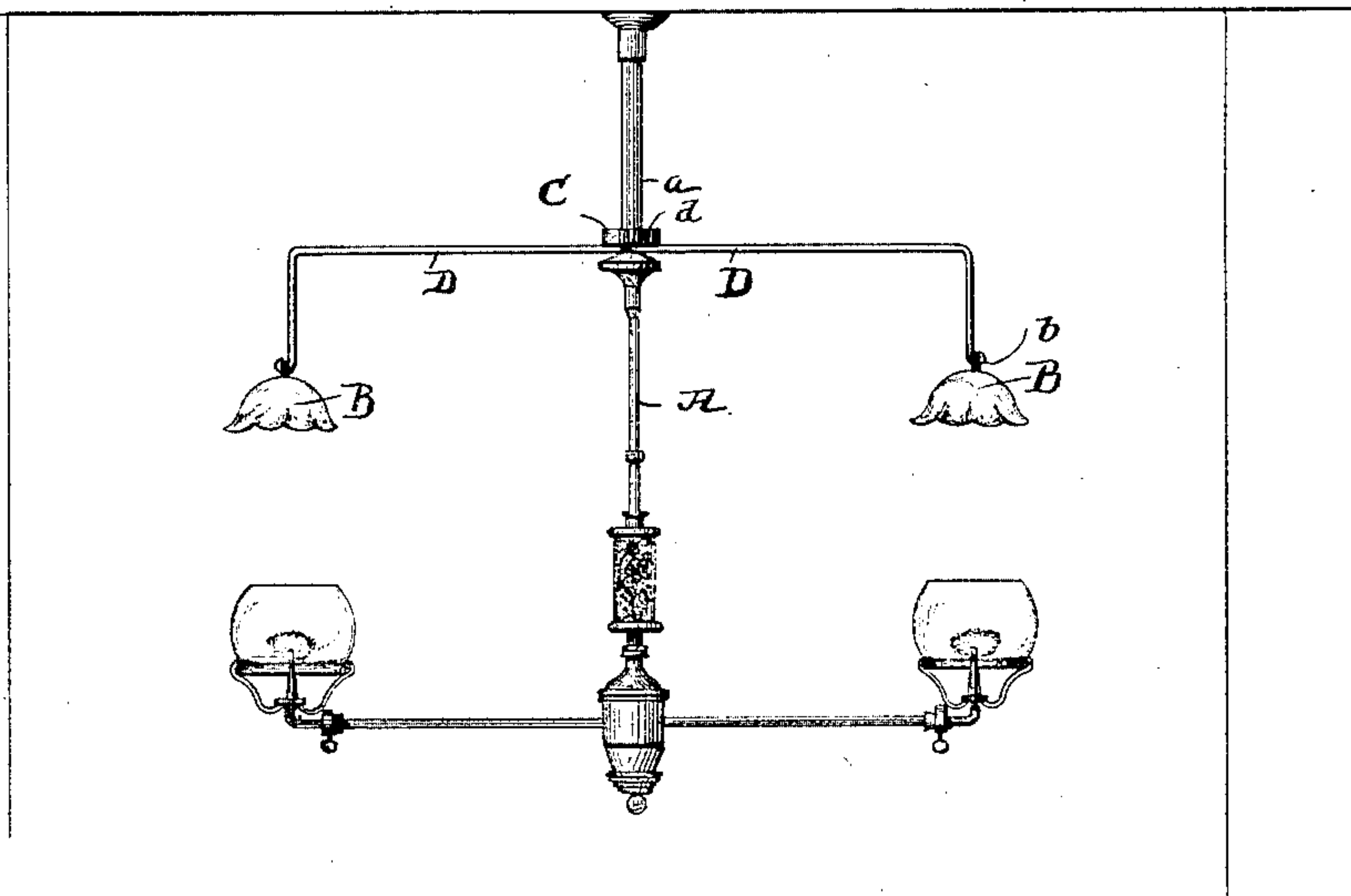


Fig. 2.

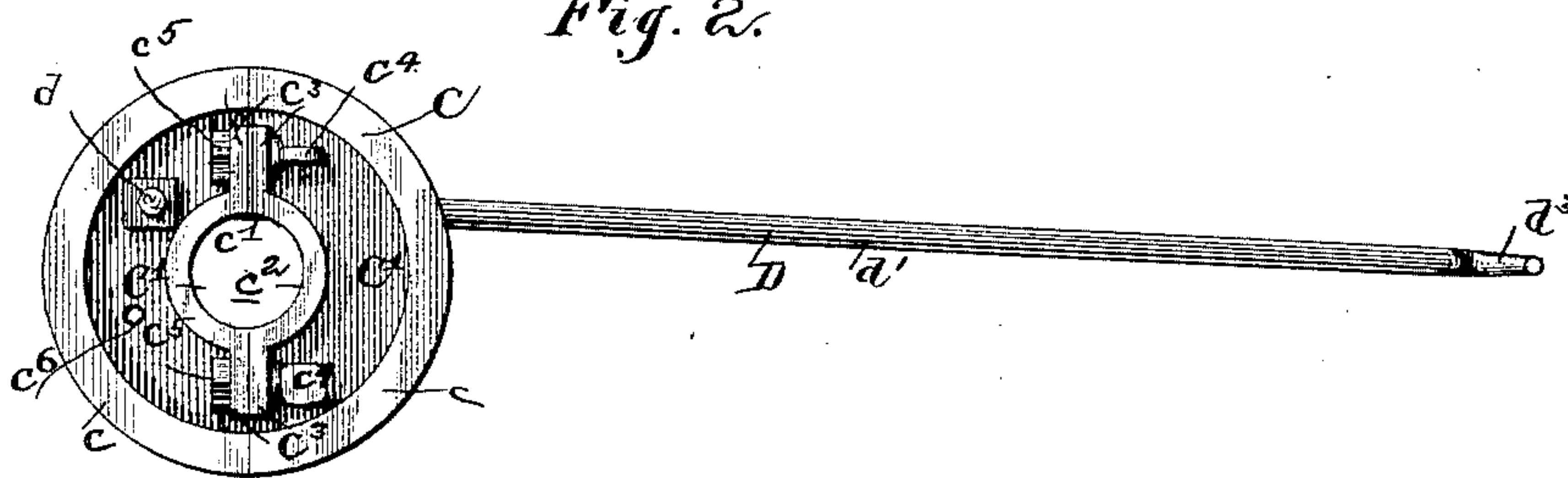
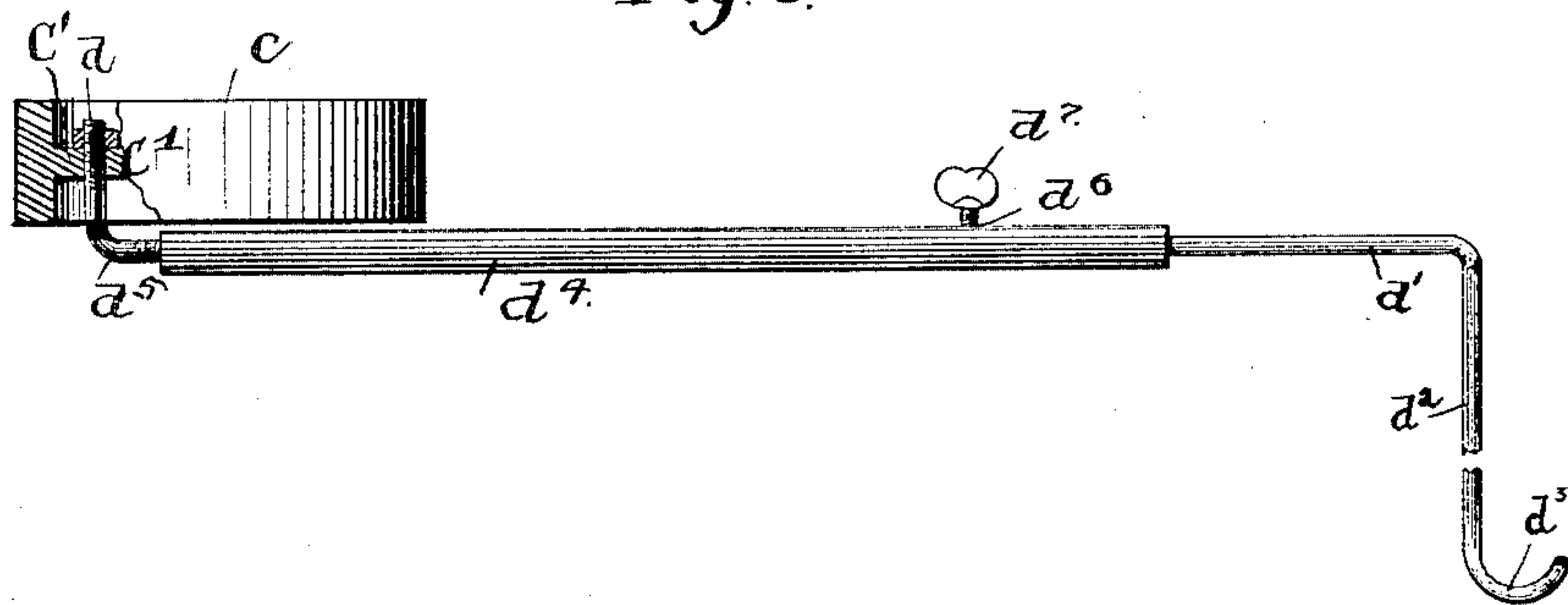


Fig. 3.



Witnesses

Horace G. Smith  
J. Edgar Smith

Inventor

Charles Q. Standard

By his Attorneys.

C. A. Snow & Co.

# UNITED STATES PATENT OFFICE.

CHARLES Q. STANDARD, OF ATLANTA, GEORGIA.

## SMOKE-BELL HANGER.

SPECIFICATION forming part of Letters Patent No. 450,799, dated April 21, 1891.

Application filed June 24, 1890. Serial No. 356,582. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES Q. STANDARD, a citizen of the United States, residing at Atlanta, in the county of Fulton and State of Georgia, have invented a new and useful Smoke-Bell Hanger, of which the following is a specification.

My invention is an improvement in hangers for smoke-bells, and has for its objects to provide a hanger which may readily be attached directly to the main pipe or standard of a chandelier, and, furthermore, which may be raised or lowered on said pipe.

With these objects in view the invention resides in the construction and combination of parts hereinafter fully described, and particularly pointed out in the claim.

In the drawings which illustrate my invention, forming a part of this specification, in which like letters of reference indicate corresponding parts in all the figures, Figure 1 is a view in perspective showing my hanger in position, attached to a chandelier and supporting a smoke-bell directly over a gas-jet. Fig. 2 is a plan view of the device. Fig. 3 is a modification of a part of my device.

In the drawings, letter A designates a chandelier or other gas-fixture having a supply-pipe  $a$ ; B, the smoke-bell; C, the support, which is adjustably fastened to the pipe  $a$ , and D the hanger. The support C is fastened to the supply-pipe  $a$  by means of the half-disks C'. These have plain or ornamental under surfaces, as may be desired, and are provided on their upper surfaces with rims or walls  $c$ , which follow their curved edges and serve to hide from view below the other parts, to be hereinafter described. The half-disks C' are cut away at the center in half-circles  $c'$ , and on the edges of these half-circles  $c'$  are erected half-collars  $c^2$ , the ends of which are extended laterally to form wings  $c^3$ . These wings  $c^3$  are perforated to admit of the passage of the thumb-screws  $c^4$ , which, by means of the nuts  $c^5$ , serve to bind the half-disks C' upon the pipe  $a$ . The half-disks C' may be provided with any number of holes  $c^6$ , which are designed for a purpose to be described.

D is the hanger proper, and may be formed of a rod having one end  $d$  bent up and screw-threaded, a straight portion  $d'$ , and a bent por-

tion  $d^2$ , forming a right angle therewith and ending in a hook  $d^3$ , all the parts being in the same plane. This hanger D is attached to the support C by passing its threaded end  $d$  through one of the holes  $c^6$  and turning a nut upon such end until the two are firmly held together. The smoke-bell B has a loop or eye  $b$ , which is large enough to receive the hook  $d^3$ .

From the description it will be evident my device may readily be attached to any chandelier, or, having been once attached, may have its position relative to the jets easily changed. All that is necessary to attach the device to a gas-pipe or chandelier is to separate the half-disks C', place them together again, their half-collars  $c^2$  embracing the pipe  $a$ , and then bind them upon the pipe  $a$  by means of the thumb-screws  $c^4$  and the nuts  $c^5$ . If the bell B should be too close or too far from the jet, all it is necessary to do is to loosen the thumb-screws  $c^4$ , slide the support C up or down the pipe  $a$ , and when the position desired is reached tighten the thumb-screws  $c^4$  again.

To those skilled in the art the utility of my device will at once be apparent. Houses are often constructed with low ceilings, gas companies often furnish a miserable quality of gas, which at the slightest draft smokes, and chandeliers seldom have smoke-bells to protect the ceilings. Now my invention is designed to supply a device whereby a smoke-bell may be attached to almost any kind of chandelier or gas-fixture, and thus save the ceiling. It is also a valuable feature of my invention that by the use of my device no injury is done to the freehold in attaching it or in taking it down, and a tenant moving from one house to another may fit his smoke-bell to any form of gas-fixture.

It is to be understood that, while I prefer the exact form and construction shown in the first and second figures of the drawings, I do not desire to limit myself in any particular, and, for example, may vary the construction of the hanger D, as shown in Fig. 3. In this figure the hanger D is adjustable laterally, as well as vertically, and this lateral adjustment is accomplished by means of the tube  $d^4$ , having at one end a screw-threaded bent core  $d^5$ , corresponding to  $d$ , and near the other end a



threaded opening  $d^6$ , in which is a thumb-screw  $d^7$ .

$d^2$  is the bent portion, and the straight portion  $d'$  is adjustable within the tube  $d^4$  by means of the thumb-screw  $d^7$ .

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

The combination of the support C and the hanger D, formed of a rod having one end turned up and screw-threaded, a straight por-

tion  $d'$ , and a bent portion  $d^2$ , forming a right angle therewith and ending in a hook, substantially as and for the purpose described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

CHARLES Q. STANDARD.

Witnesses:

CHARLES E. HENNIES,

G. C. ELFE.