

(No Model.)

2 Sheets—Sheet 1.

A. P. STEINMEYER.
Chandelier for Burning Oil.

No. 241,440.

Patented May 10, 1881.

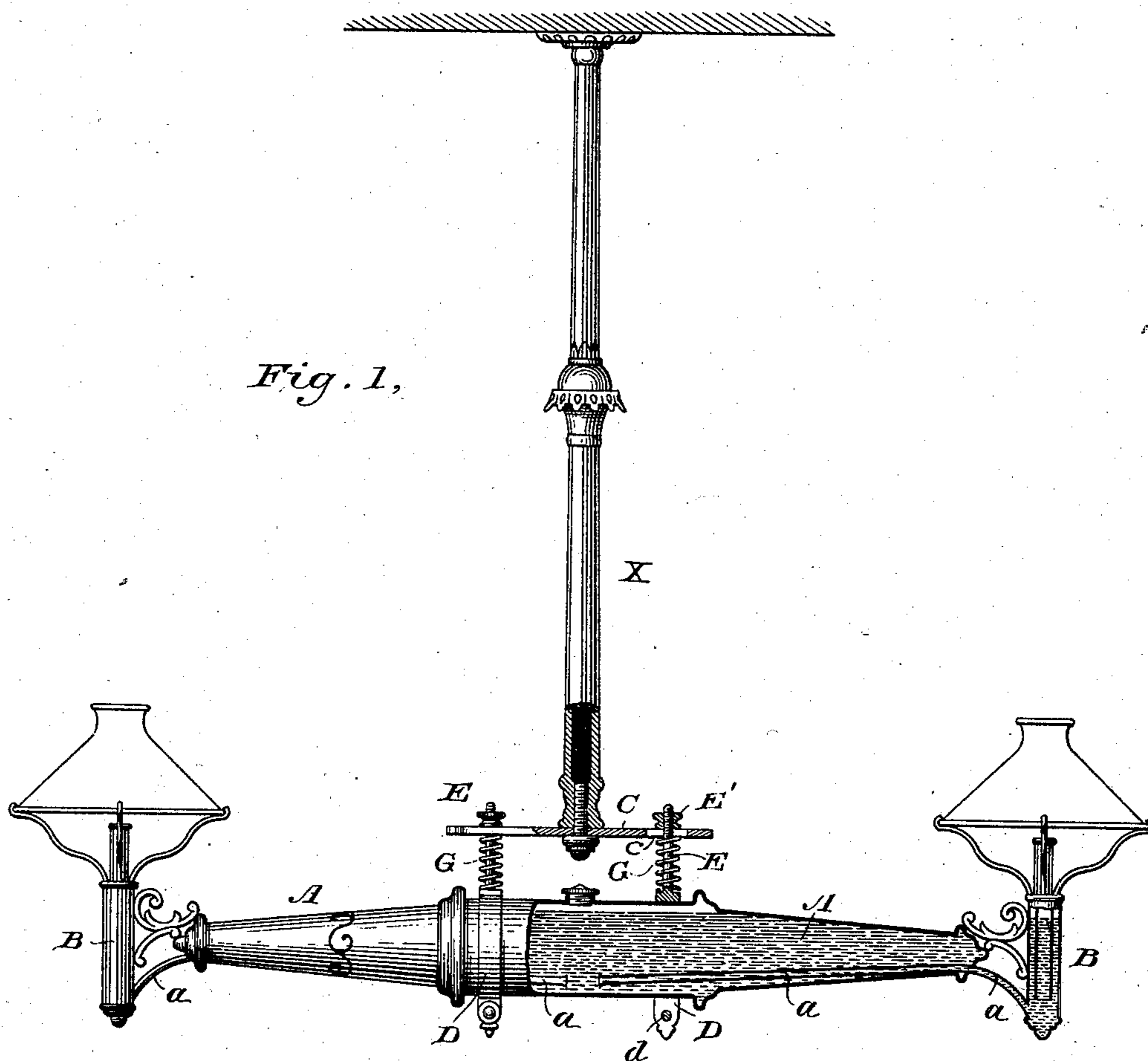
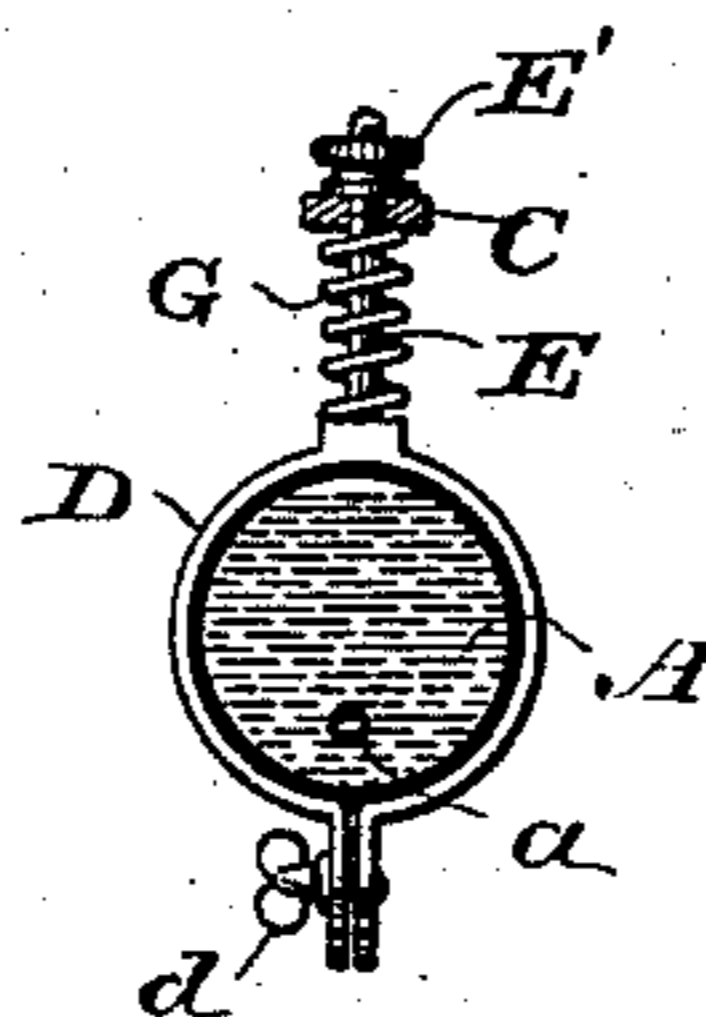


Fig. 2,



WITNESSES

Wm. A. Skinkle
Geo. H. Buck.

INVENTOR

Anthony P. Steinmeyer,
By his Attorneys *Baldwin, Hopkins, & Payson.*

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Fig. 3,

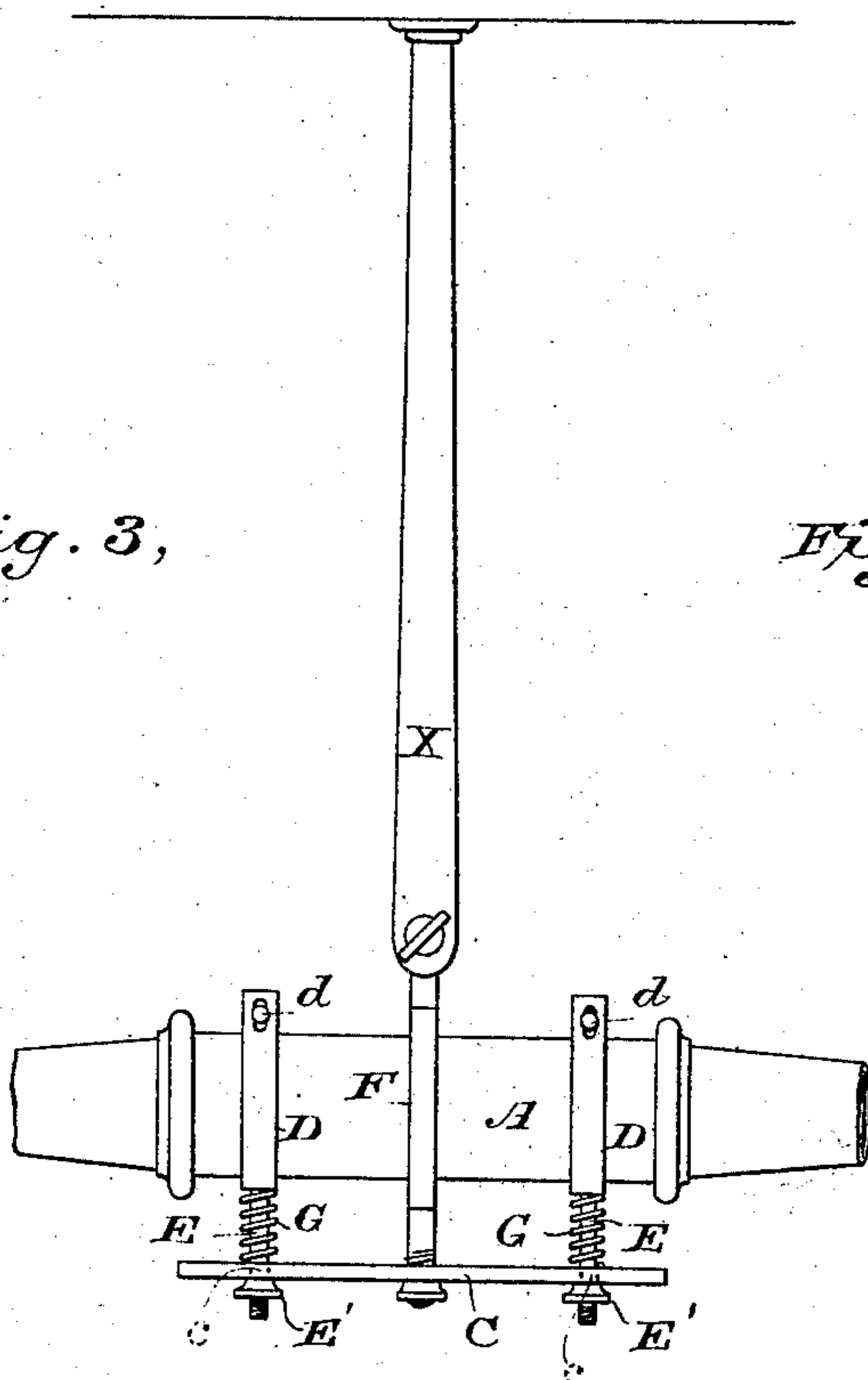
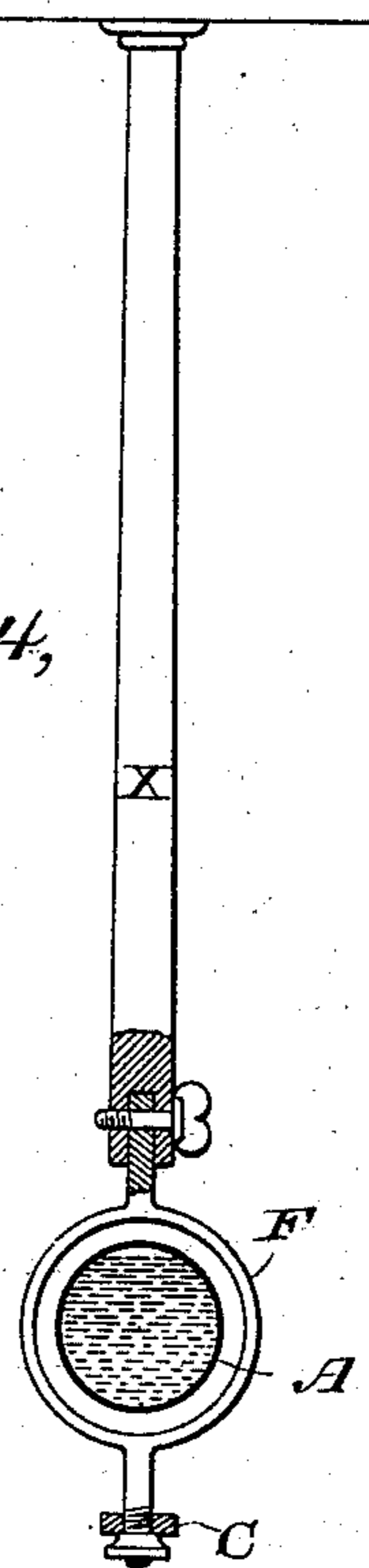


Fig. 4,



WITNESSES

Wm A. Shunk
Geo H. Buck

INVENTOR

By his Attorneys Anthony P. Steinmeyer,
Baldwin, Hopkins, & Peyton.

UNITED STATES PATENT OFFICE.

ANTHONY P. STEINMEYER, OF PHILADELPHIA, PENNSYLVANIA.

CHANDELIER FOR BURNING OIL.

SPECIFICATION forming part of Letters Patent No. 241,440, dated May 10, 1881.

Application filed March 16, 1881. (No model.)

To all whom it may concern:

Be it known that I, ANTHONY P. STEINMEYER, of the city and county of Philadelphia, and State of Pennsylvania, have invented an Improved Chandelier for Burning Oil, of which the following is a specification.

In the class of chandeliers similar to that herein described, unless the reservoir is level, the oil is not equally supplied to all the lamps. In some of the lamps the oil will be too low in the wick-tube, and they may be extinguished, and in others it will be too high and may overflow. The lamps do not, therefore, burn with equal brilliancy. In hanging such chandeliers it is difficult to get the reservoir in a perfectly level position, and in use it is liable to be strained or warped out of place.

The object of my invention is to remedy this defect; and to this end my invention consists in providing a reservoir which can readily be adjusted to a perfectly level position, as occasion may require.

The accompanying drawings show a chandelier having but two lamps. Obviously, however, my invention may be applied to chandeliers having any suitable number.

Figure 1 is a view of my improved chandelier, partly in section. Fig. 2 is a transverse section of the same, and Figs. 3 and 4 are views showing a slightly-different arrangement from that shown in Figs. 1 and 2.

In the construction shown the oil is supplied from the reservoir A to the wick-tubes B by means of siphons or supply-tubes *a*, secured within the reservoir.

The reservoir is supported by the cross-piece C, which in Figs. 1 and 2 is shown as rigidly attached above the reservoir to the chandelier-rod X, and in Figs. 3 and 4 as suspended below it by a band, F, which is pivoted to the rod X and embraces the reservoir, the band passing through the cross-piece and being secured by a nut upon its lower end. The cross-piece, instead of being rigidly attached to the rod, as in Fig. 1, may be pivoted thereto.

The reservoir is supported and adjusted by means of straps D, pins or rods E, nuts E', and coiled springs G. The straps encircle the reservoir, and are secured by thumb-screws *d*. The pins E are rigidly attached to the straps, pass through eyes *c* in the cross-piece, and have the adjusting-nuts E' upon their ends.

The coiled springs are placed around the pins E and interposed between the bands and cross-piece.

I prefer to employ the spiral springs G; but it will be obvious that they might be dispensed with, in which case, in the arrangement shown in Figs. 3 and 4, a nut would have to be placed above the cross-piece, as well as below it.

By adjusting the nuts E' the reservoir can readily be brought to a perfectly level position, and the oil will thus stand at the same height in all the wick-tubes, being on the same level with that in the reservoir, and the lamps will burn with a brilliant, steady, uniform light.

The reservoir may be removed for cleaning or filling by either unscrewing the nuts E' or the thumb-screws *d*.

My improvement is, of course, applicable to chandeliers differing in construction from that herein described—such, for instance, as those in which the reservoir is made in two parts, or where it is divided by a central transverse partition.

Many ways of adjusting the reservoir other than that herein described may be devised without departing from the spirit of my invention, which contemplates, broadly, a reservoir capable of being adjusted for the purpose above mentioned.

I claim as my invention—

1. In a chandelier for burning oil, the combination of an oil-reservoir, wick-tubes mounted thereon, and mechanism for adjusting the reservoir to maintain the oil at a uniform height in the wick-tubes, for the purpose set forth.

2. The combination, substantially as set forth, of the oil-reservoir, the straps and pins, the nuts, and the cross-piece, for the purpose set forth.

3. The combination, substantially as set forth, of the chandelier-rod, the cross-piece, the pivot-connection between the rod and cross-piece, the oil-reservoir, the straps and pins, and the nuts, for the purpose set forth.

4. The combination, substantially as set forth, of the oil-reservoir, the straps and pins, the spiral springs, the nuts, and the cross-piece.

A. P. STEINMEYER.

Witnesses:

CHARLES HENRY JONES,
ALBERT JAMES, Jr.