J. F. TRAVIS.

Chandelier.

No. 84,975. Patented Dec. 15, 1868.

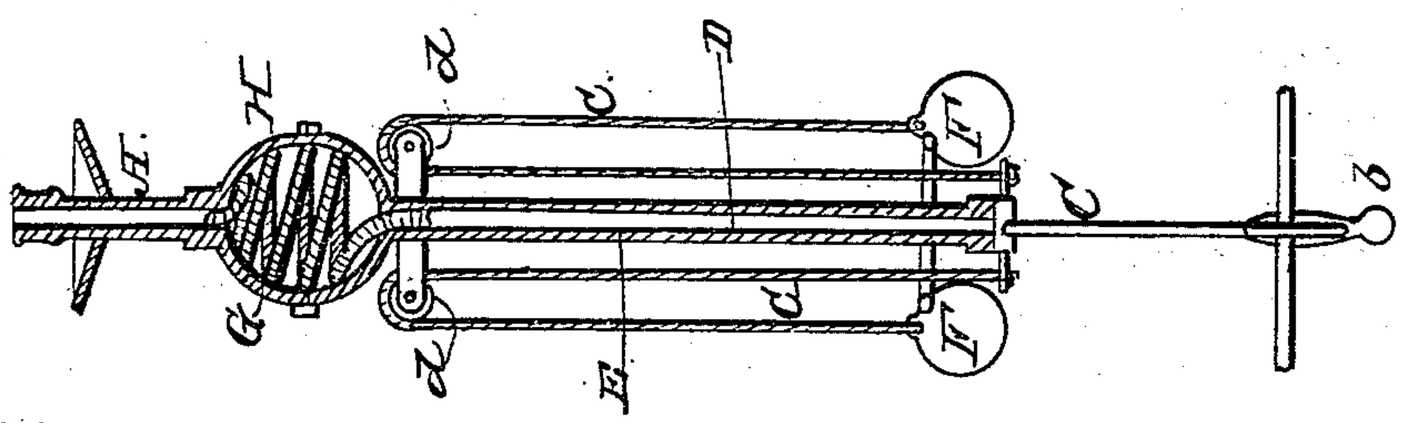

Fig. 2.

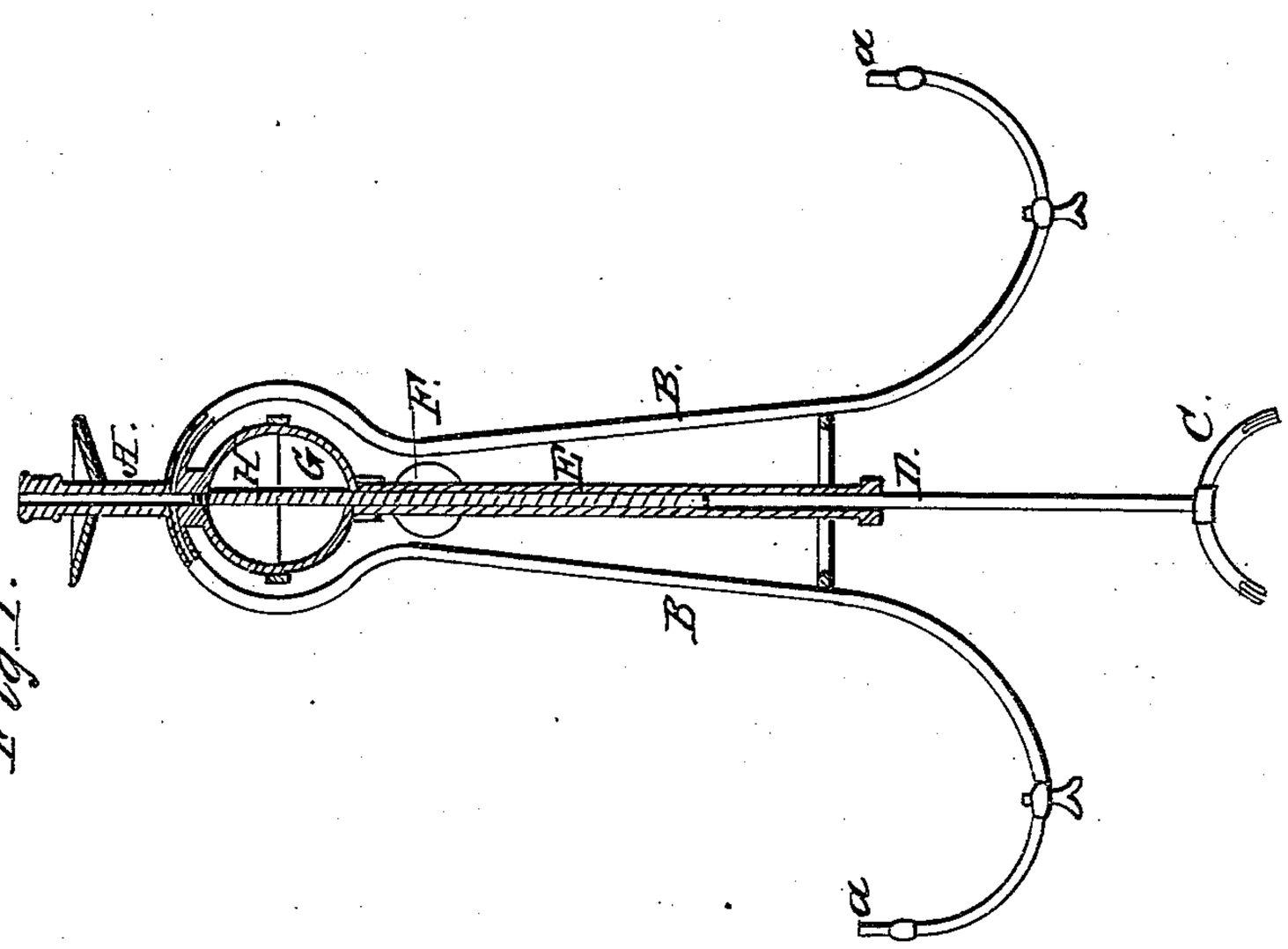

Fig. 1.

Witnesses
A. Leclerc
A. Kummer

Inventor:
James F. Travis

United States Patent Office.

JAMES F. TRAVIS, OF NEW YORK, N. Y.

Letters Patent No. 84,975, *dated December* 15, 1868.

IMPROVEMENT IN CHANDELIERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JAMES F. TRAVIS, of the city, county, and State of New York, have invented a new and useful Improvement in Extension-Chandeliers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming part of this specification, and in which—

Figures 1 and 2 represent mostly sectional elevations at right angles to each other, and showing the extension-portion of the chandelier in raised and lowered positions.

Similar letters of reference indicate corresponding parts.

This, my improvement, in extension-chandeliers, relates to the connection of the extension-portion with the gas-inlet above, by means of a rubber or other flexible tube; and

My invention, in such connection, consists in a novel construction and combination of the extension-portion with the chandelier, or gasolier proper, so as to present a neat and uniformly symmetrical appearance, in whatever position the pendant may be placed.

Referring to the accompanying drawing—

A represents the gas-inlet to the chandelier, which may have fixed branches B B, connected with it, carrying burners *a a*.

C is the extension-frame or portion, that may be of any desired configuration, and that carries one or more burners *b*.

D is the sliding supply-pipe or tube to said extension-portion C, and

E is the pendent fixed tube, up or down and within which the sliding tube D works.

F F are the weights, connected by chains *c c*, that pass over pulleys *d d*, with the extension-portion C, for the purpose of balancing the latter, as well known and understood.

While thus employing a sliding tube, D, open at its upper end, to establish the supply of gas to the extension-portion C, and working within a fixed tube, E, I dispense with water or other packing, to prevent leakage through the lower end of the fixed tube, by connecting said sliding tube with the inlet A, by a flexible tubing, G, of sufficient length to admit of the extension-portion C being raised or lowered, as desired, without breaking the connection of the extension-portion with the gas-inlet above.

This flexible tubing may be made of any suitable material, say rubber, having a coil of wire lapped around the outside of it.

Thus, on raising the extension-portion C, as represented in fig. 2, the flexible tube or tubing G is made to coil itself within the enlarged hollow fixed portion or chamber H, and on lowering the extension-portion C to the position represented, say, in fig. 1, to uncoil or straighten itself.

I am aware that flexible tubing has heretofore been used for connecting the sliding pendant with the service-pipe, and that it has also been concealed from view; this, therefore, I do not claim broadly; but

What is here claimed, and desired to be secured by Letters Patent, is—

The chandelier or gasolier, provided with a chamber, H, connecting the inlet-pipe A and guide-tube E, in combination with the flexible tube G, pendant C, and its counter-balance F, all constructed and arranged to operate substantially as shown and described, as a new article of manufacture.

JAMES F. TRAVIS.

Witnesses:

A. LE CLERC,
A. KINNIER.