

No. 665,657.

Patented Jan. 8, 1901.

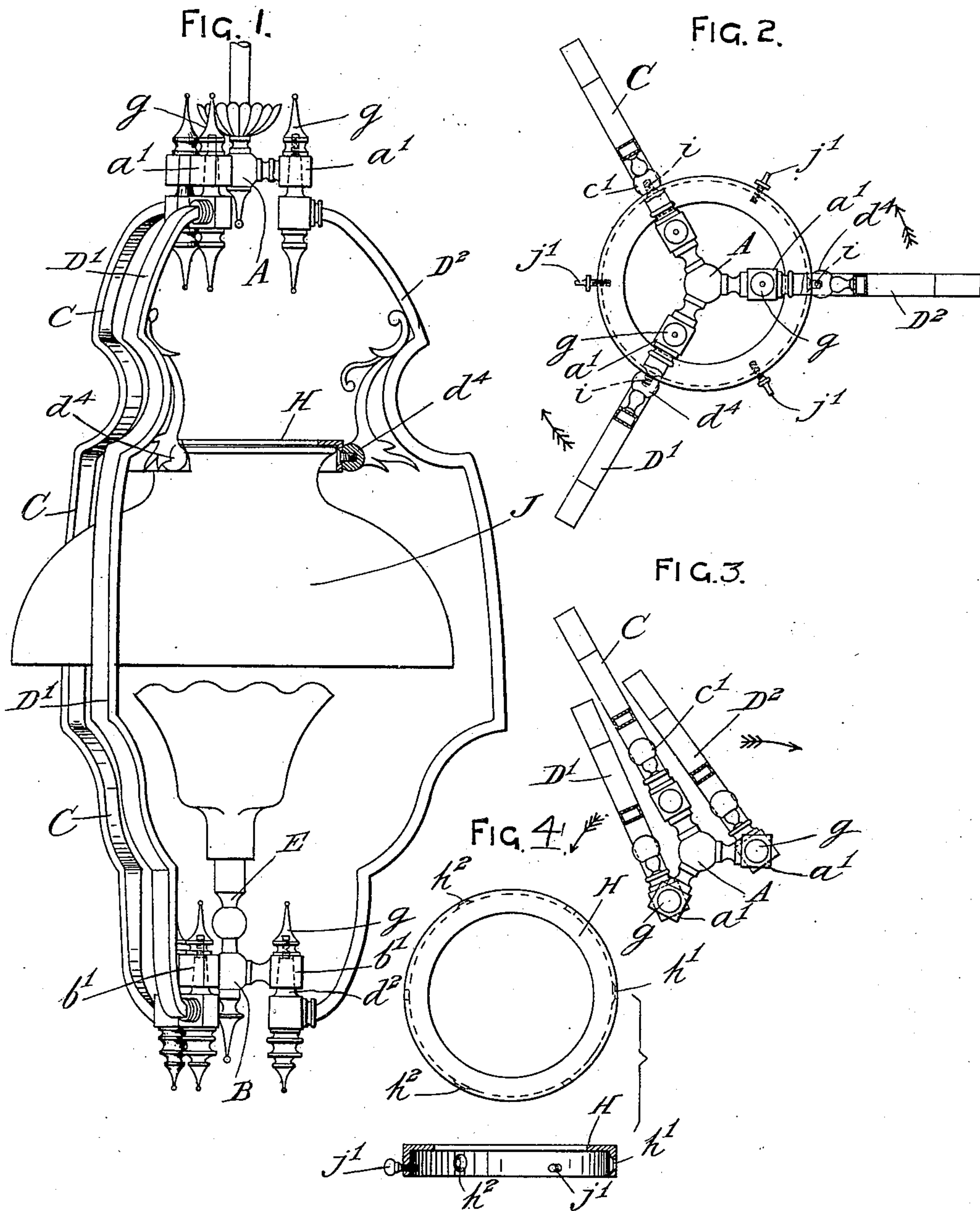
H. HATELEY.

PENDANT FOR GAS, ELECTRIC, OIL, OR OTHER LIGHTS.

(Application filed Dec. 8, 1897.)

(No Model.)

2 Sheets—Sheet 1.



WITNESSES

Charles Prosser Kerley  
Herbert Whitehouse.

INVENTOR

Harry Hateley.

No. 665,657.

Patented Jan. 8, 1901.

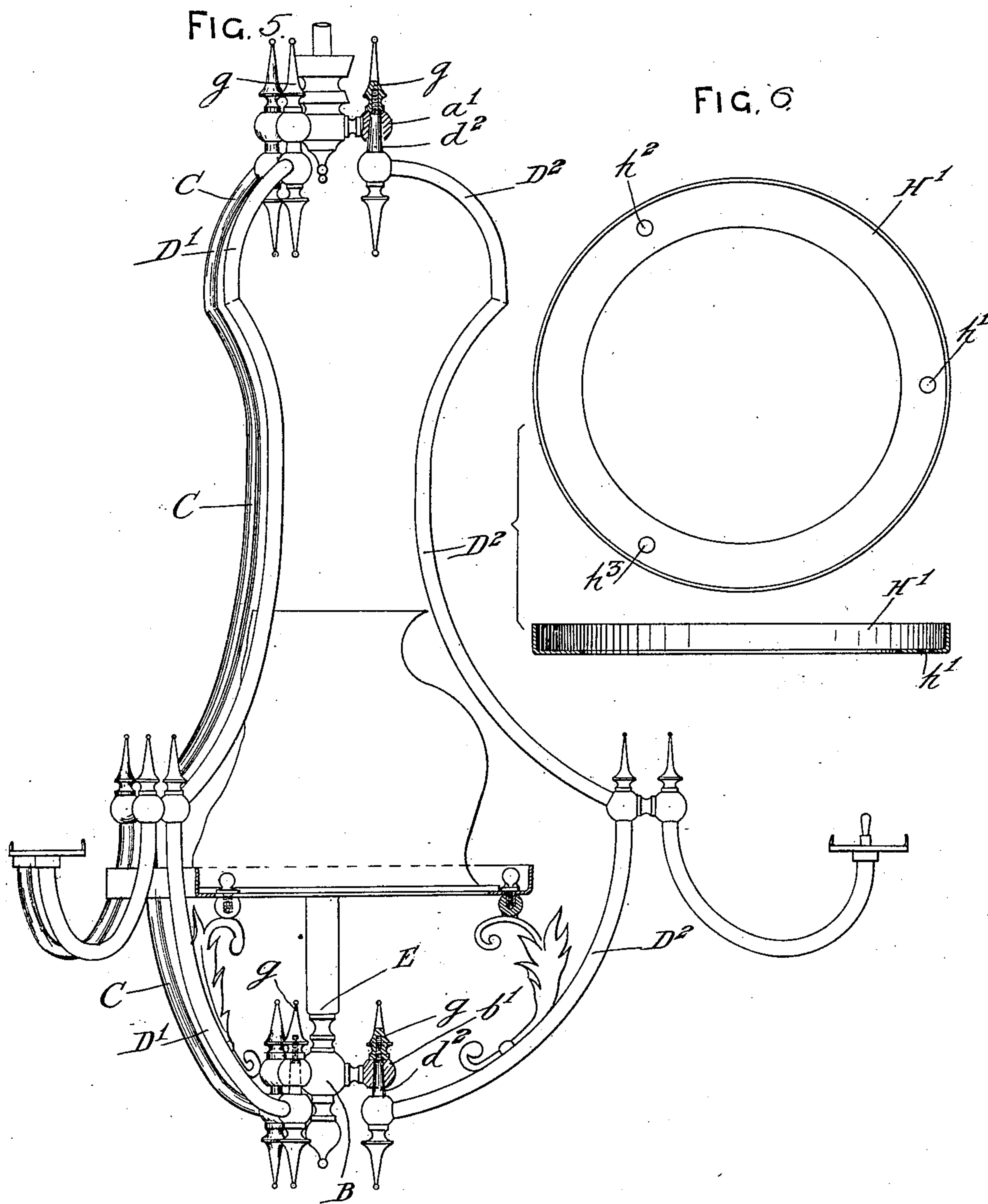
H. HATELEY.

PENDANT FOR GAS, ELECTRIC, OIL, OR OTHER LIGHTS.

(Application filed Dec. 8, 1897.)

(No Model.)

2 Sheets—Sheet 2.



WITNESSES

Charles Bosworth Kelley  
Herbert Whitehouse.

INVENTOR.

Harry Hateley



# UNITED STATES PATENT OFFICE.

HARRY HATELEY, OF ERDINGTON, ENGLAND.

## PENDANT FOR GAS, ELECTRIC, OIL, OR OTHER LIGHTS.

SPECIFICATION forming part of Letters Patent No. 665,657, dated January 8, 1901.

Application filed December 8, 1897. Serial No. 661,137. (No model.)

*To all whom it may concern:*

Be it known that I, HARRY HATELEY, a subject of Her Majesty the Queen of Great Britain and Ireland, residing at Erdington, in the county of Warwick, England, have invented certain new and useful Improvements in Pendants for Gas, Electric, Oil, or other Light, of which the following is a specification.

This invention has reference to those pendants for gas-lights and other lights in which two or three or more bow-shaped or other tubes or rods hang down from a central upper body and are bent around toward each other and are connected to what is called a "lower body," which carries the burner or the oil or electric lamp and the globe or shade, the said tubes or rods being also usually connected together by an intermediate metal ring which supports the shade. These pendants are usually made so that the three or other number of bow-shaped or other tubes or rods are soldered into or otherwise permanently secured to the body at the top of the pendant and to the ring or lower body at the bottom of the same. Thus these pendants are bulky and occupy a considerable amount of room when packed for transit or when stored.

The object of my invention is to so construct the said pendants that they may be folded and occupy much less room than heretofore, and thus be packed in less compass and also occupy much less space when stored on shelves or otherwise.

I will describe my invention as applied to a pendant of that kind which has three of the said bow-shaped or other tubes or rods connected to the upper body at the top of the pendant and also connected to a lower body at the bottom of the pendant, this lower body carrying the burner.

On the accompanying drawings, Figure 1 is an elevation, partly in section, of a form of my invention. Fig. 2 is a plan of the same. Fig. 3 shows the pendant illustrated by Figs. 1 and 2 folded ready for packing. Fig. 4 is a plan and sectional elevation of a ring part of the said pendant shown by Figs. 1, 2, and 3. Fig. 5 is a side elevation, partly in section, of another slightly-modified form of gas-pendant constructed according to this invention. Fig. 6 is a ring part of the same.

The same letters of reference indicate the same or corresponding parts in all the figures of the drawings.

A is the central upper body, B is the lower body, and C D' D<sup>2</sup> are the three tubes or rods which are connected to and hang down from the central body A and are also connected to the lower body B, which carries the gas-burner, (marked E.)

In carrying out my invention I make one of the three bow-shaped tubes—namely, the tube C—permanently fixed to the top body A and to the bottom body B, and through this tube the gas passes from the top of the pendant to the lower body B and burner E. The other tubes D' and D<sup>2</sup> are both made of a shape corresponding with the first tube C and are jointed to the top body A and to the bottom body B, so that they will fold flat or almost flat against the fixed tube C. To retain the three tubes C D' D<sup>2</sup> in their opened-out positions at equal distances apart, various means may be adopted. For instance, each of the tubes D' D<sup>2</sup> may be formed with an upwardly-projecting plug *d'* at the top and a similar upwardly-projecting plug *d*<sup>2</sup> at the bottom, these plugs fitting, respectively, in the sockets *a' b'*, formed on the top body A and bottom body B, respectively, and each of these plugs *d' d*<sup>2</sup> is provided with nut *g* on the top of the socket. The retaining of the tubes in their opened-out position can be accomplished by the ring H, Figs. 1, 2, and 4, or the ring H', Figs. 5 and 6, which ring is fitted in between the upper part of the three tubes C D' D<sup>2</sup>, as in Figs. 1 and 2, or between the lower parts of said tubes, as in Fig. 5, and is secured thereto by screws *i*, which pass through holes *h' h*<sup>2</sup> *h*<sup>3</sup> in the ring into the brackets *c'* of the tube C and the brackets *d*<sup>4</sup> of the tubes D' D<sup>2</sup>, and thus secure them in their opened-out positions. The ring H will also serve for carrying the hanging-lamp shade J by the usual screws *j'*, as in Fig. 4, or the ring H' will serve for the lamp-shade J to stand on, as in Fig. 5.

My invention is applied to pendants for oil-lamps similarly as above described with reference to a gas-pendant; but the lower ends of the folding tubes or rods D' D<sup>2</sup> are fixed, as by the screws *i*, to the ring H<sup>3</sup>, (see Fig. 6,) in which the oil-lamp fits.

I construct folding pendants for electric lights similarly as above described, with reference to the accompanying drawings, as applied to gas and oil pendants.

5 What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a gas or like pendant, the combination of an upper central body, a lower central body, a bent tube fixing said bodies together, and two other bent tubes having vertical plugs fitting in sockets in the top and bottom bodies respectively so that said two bent tubes will either fold against the fixed tube or turn outwardly therefrom, a ring adapted to carry a central shade removably secured between said bent tubes to hold them in their outward positions and means for detachably holding the ring in place at a

point intermediate the upper and lower ends of the pendant - bars, substantially as described. 20

2. In combination with the central body, a plurality of pendant-bars adapted to assume either an open or a folded position, a ring located between the bars to hold them open, and means for detachably holding the ring in place at a point intermediate the upper and lower ends of the pendant-bars, substantially as described. 25

In witness whereof I have hereunto set my hand in presence of two witnesses. 30

HARRY HATELEY.

Witnesses:

CHARLES BOSWORTH KELLEY,  
HERBERT WHITEHOUSE.