

J. FOX.

SMOKE-BELLS FOR GASALIERS.

No. 178,920.

Patented June 20, 1976.

Fig: 1.

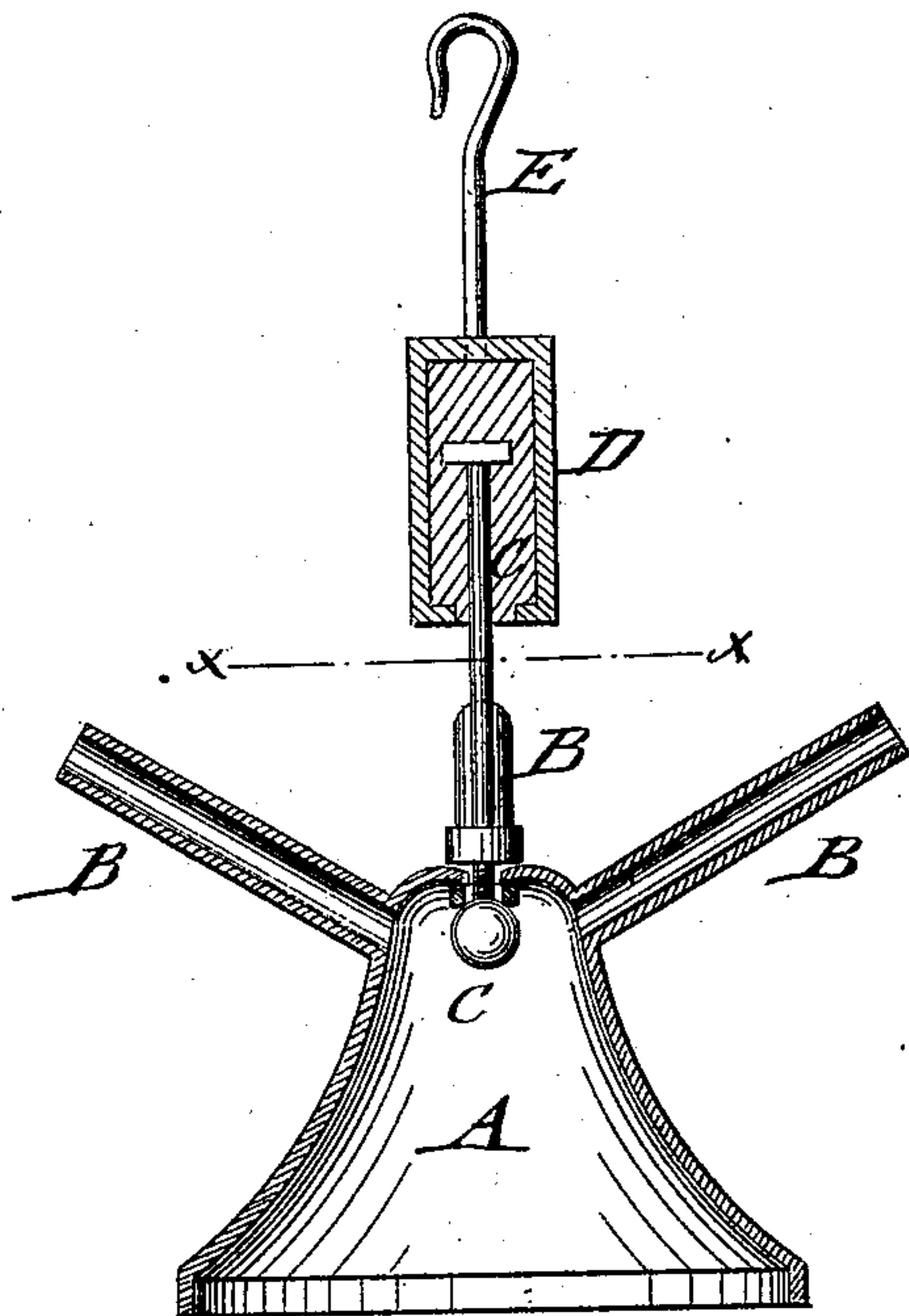
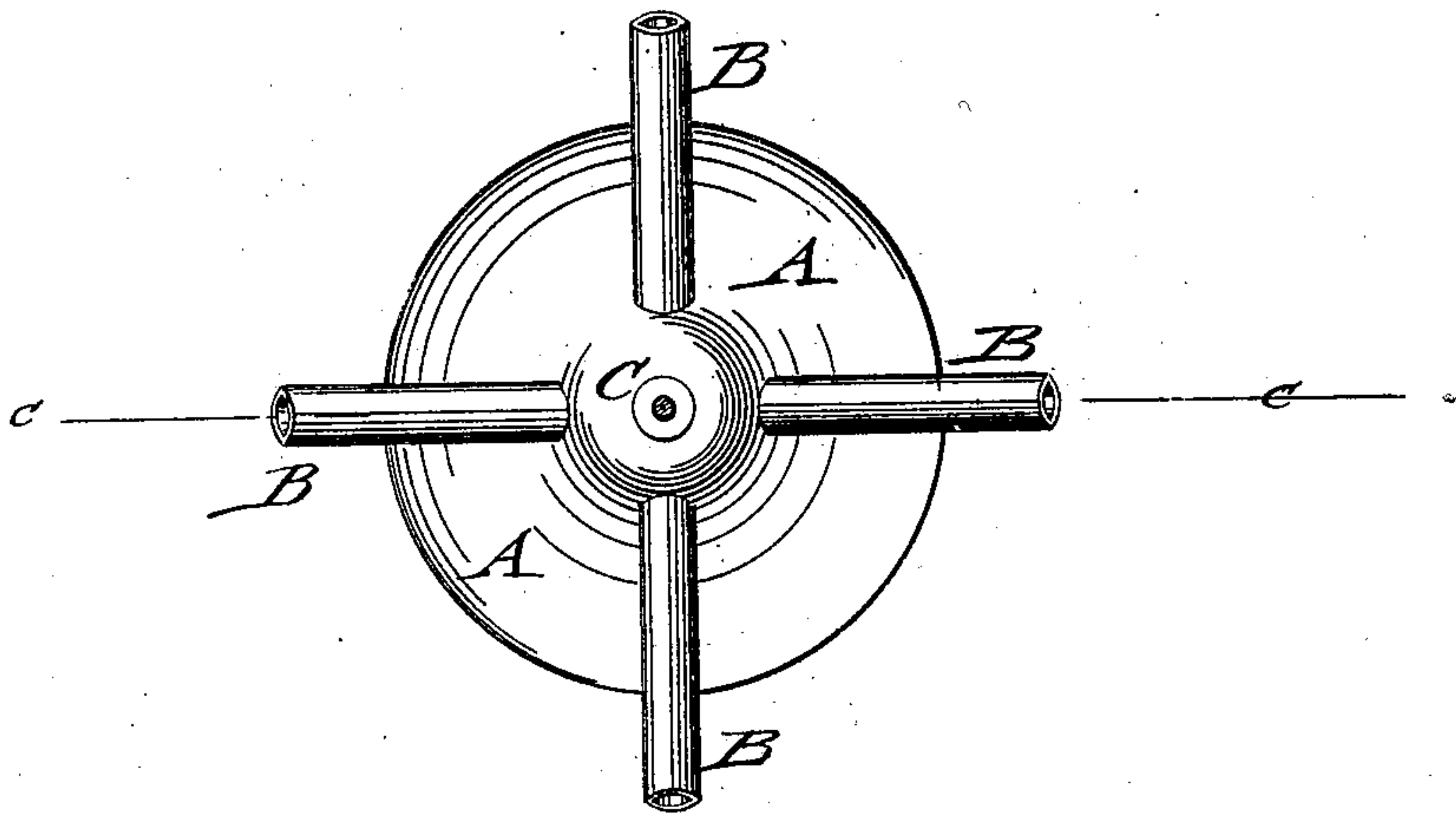


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN FOX, OF NEW YORK, N. Y.

IMPROVEMENT IN SMOKE-BELLS FOR GASALIERS.

Specification forming part of Letters Patent No. **178,920**, dated June 20, 1876; application filed December 11, 1875.

To all whom it may concern:

Be it known that I, JOHN FOX, of the city, county, and State of New York, have invented a new and Improved Smoke-Bell for Gasaliers, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a vertical central section on the line *c c*, Fig. 2; and Fig. 2, a top view of my improved smoke-bell for gasaliers, partly in section, on line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention relates to an improved smoke-bell for gasaliers, by which the heat is carried entirely clear of the chandelier in a simple and reliable manner, and also the communication of the heat to parts above the bell by means of the heated stem effectively prevented.

The invention consists of a bell-shaped body, with exit-tubes radiating from the upper part, the stem of the smoke-bell being insulated from the part of the gasalier from which it is suspended by being cemented into a socket or casing with a non-conductor of heat.

In the drawing, A represents a smoke-bell of any approved shape and material, which is suspended at any suitable point from the gasalier. At the upper part of the smoke-bell are arranged two or more tubes, B, of round, flat, or other shape, that are set into perforations of the smoke-bell radiating from the same, and being made large enough to carry the heat

clear of the chandelier, so as to injure none of the parts above the bell. The smoke-bell is attached by a stem or shank, C, which is cemented by plaster-of-paris, or any other non-conductor of heat, into a socket or casing, D, that is hung by its top hook E to the gasalier. The end of the stem C has a square or disk shaped plate or other device for supporting effectually the weight of the bell, and securing its reliable attachment to the socket. The heat is thereby not allowed to pass from the stem of the smoke-bell to the part of the gasalier from which it is suspended, as it is, by the non-conducting material, fully insulated therefrom, and therefore any injurious effects of the heat obviated.

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

1. A smoke-bell for gasaliers, provided with radiating-tubes at the upper part for carrying off the heat, substantially in the manner and for the purpose set forth.

2. In smoke-bells for gasaliers, the stem or the shank of the bell, cemented, by any material being a non-conductor of heat, into a socket or casing suspended by a hook, to insulate the stem from the parts of the gasalier above the same, substantially as set forth.

JOHN FOX.

Witnesses:

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