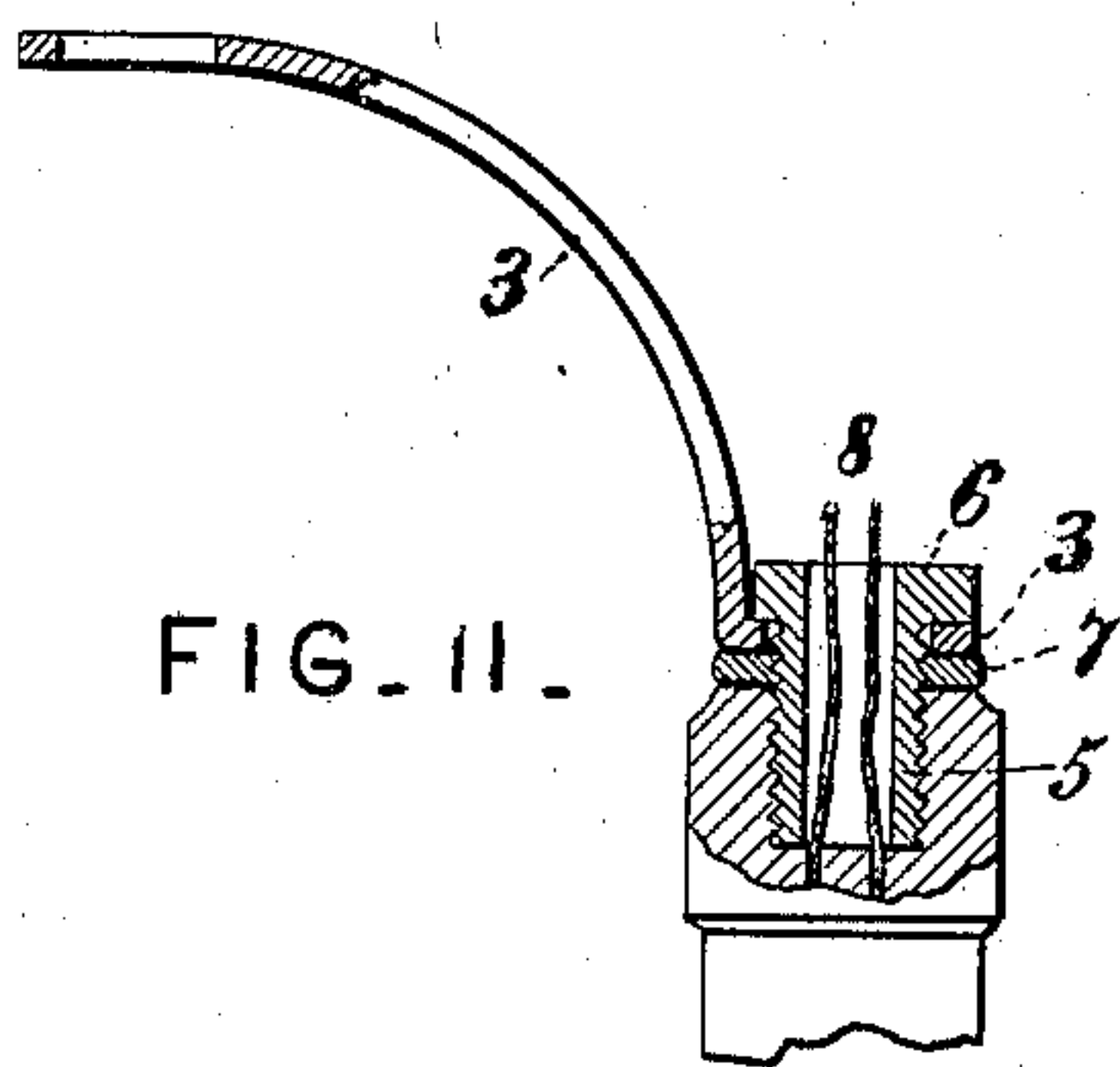
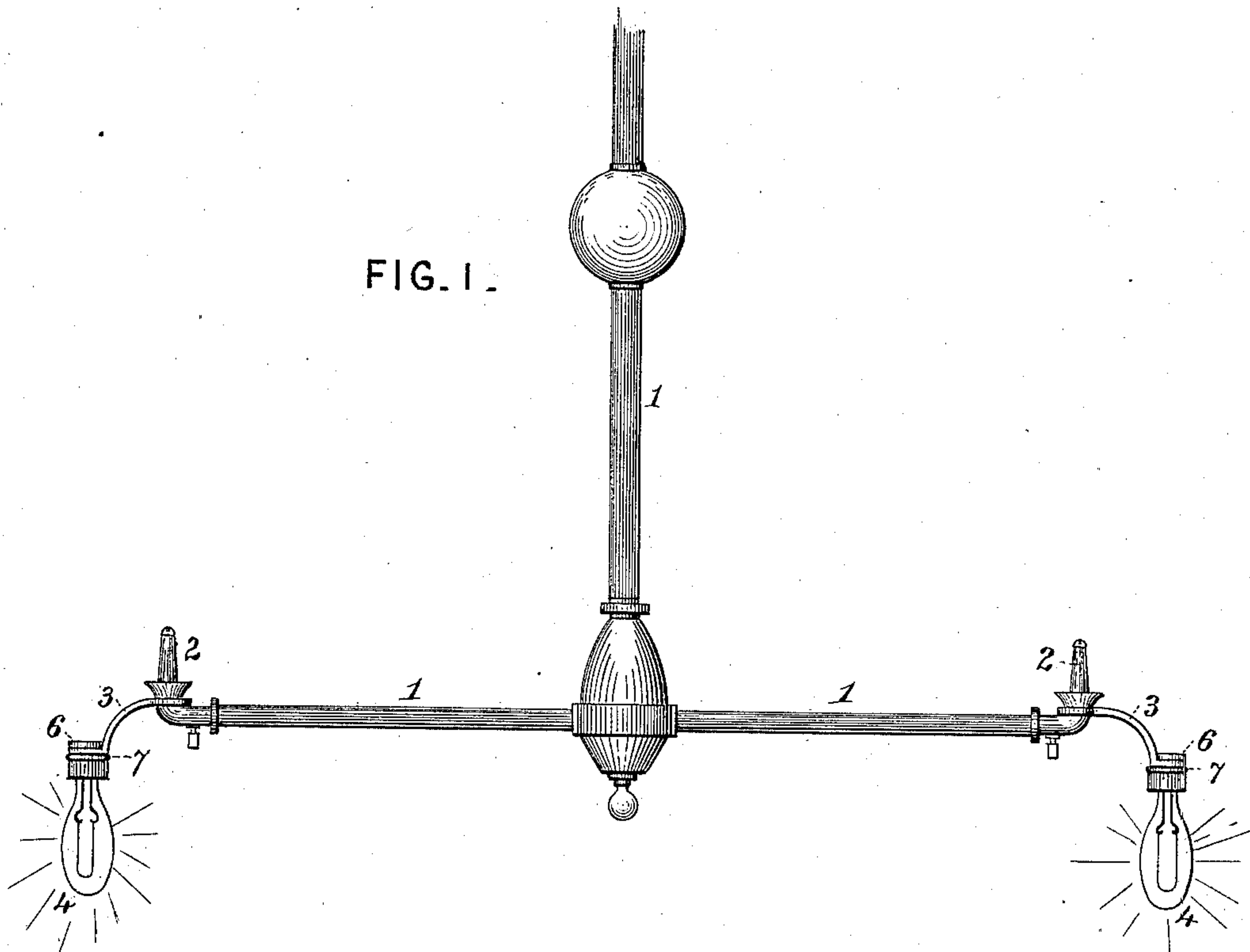


(No Model.)

H. M. DOUBLEDAY.
INCANDESCENT LAMP ATTACHMENT.

No. 383,046.

Patented May 15, 1888.



attest:

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UNITED STATES PATENT OFFICE.

HARRY M. DOUBLEDAY, OF COLUMBUS, OHIO.

INCANDESCENT-LAMP ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 383,046, dated May 15, 1888.

Application filed September 1, 1887. Serial No. 248,522. (No model.)

To all whom it may concern:

Be it known that I, HARRY M. DOUBLEDAY, a citizen of the United States, residing at Columbus, Franklin county, Ohio, have invented certain new and useful Improvements in Incandescent-Electric-Lamp Attaching Devices, of which the following is a specification.

My invention relates to means for fixing, without danger of short-circuiting, an incandescent electric lamp to a gas-fixture; and my invention particularly consists in an arm having suitable means of attachment to a gas fixture and provided with an insulating block or sleeve which is connected with the incandescent lamp, substantially as hereinafter described.

In order that my invention may be fully understood, I will proceed to describe the same with reference to the accompanying drawings, in which—

Figure I represents a gas-fixture in side elevation, having incandescent electric lamps applied by means of my improvement. Fig. II is a vertical sectional view of the attaching device.

1 may represent a chandelier, having customary gas-burners, 2.

3 is an arm, which may be of brass and may have a hole at one end to embrace the gas-fixture below the burner. This arm may be of the represented curved or other form. Its free end supports the globe 4 of the incandescent lamp and the inclosed filament and conductors. To prevent possibility of short circuiting or grounding of the current at this point and the consequent affecting not only of the lamp so short-circuited or grounded, but the whole number of lamps on that circuit, I provide an insulating block or sleeve, 5, which passes through a hole in end of arm 3, and is screw-threaded to enter a socket in the neck of the incandescent lamp-globe. A flange, 6, on the block or sleeve 5 rests against the arm 3 on one

side when the block or sleeve is screwed to its seat, while a washer or collar, 7, of insulating material similar to sleeve 5 is placed between the arm and the neck of the globe. Non-conducting material is thus interposed between the arm 3 and the globe at every point, and there is no possibility of contact of the arm with conductors 8, which pass through the hollow of sleeve 5.

Having thus described my invention, the following is what I claim as new therein and desire to secure by Letters Patent:

1. In combination with a supporting-arm, 3, having a perforation at one end, a sleeve in said perforation having a flange pressed against said arm, and an incandescent lamp supported on said sleeve on the opposite side of the arm from the flange, substantially as set forth.

2. The combination of an electric lamp, a perforated arm or hanger, an insulating flanged sleeve passed through the perforation and secured to the lamp, and an insulating-collar interposed between the arm or hanger and the lamp, the said arm or hanger being adapted at its other end to engage a hook or projection, whereby the lamp is supported, substantially as shown and described.

3. The combination, with an electric lamp having a screw-threaded socket, of a metallic or other arm or hanger having perforations in its ends, a flanged insulating-sleeve passing through one perforation and screwing into the socket, and an insulating-collar on the sleeve and placed between the arm or hanger and the lamp-socket, the perforation at the other end of said arm or hanger being adapted to fit over a gas fixture below the burner, as herein set forth.

HARRY M. DOUBLEDAY.

Witnesses:

OCTAVIUS KNIGHT,
HARRY E. KNIGHT.