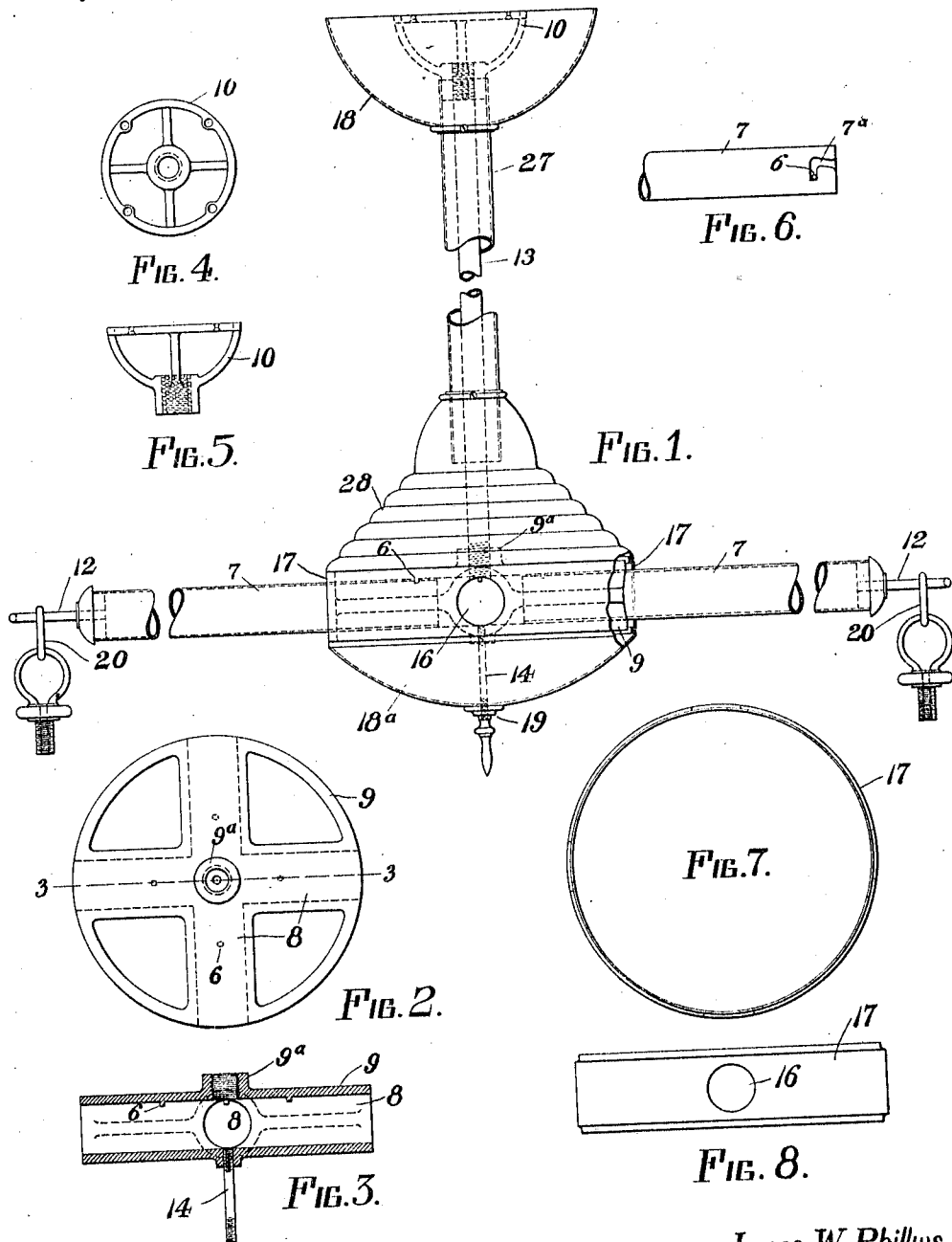


J. W. PHILLIPS.
LIGHTING FIXTURE.
APPLICATION FILED NOV. 10, 1910.

Patented May 30, 1911.

993,713.



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UNITED STATES PATENT OFFICE.

JAMES W. PHILLIPS, OF CLEVELAND, OHIO.

LIGHTING-FIXTURE.

993,713.

Specification of Letters Patent.

Patented May 30, 1911.

Application filed November 10, 1910. Serial No. 591,649.

To all whom it may concern:

Be it known that I, JAMES W. PHILLIPS, citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Lighting-Fixtures, of which the following is a specification.

This invention relates to lighting fixtures, and especially to a fixture or chandelier adapted to support electric lamps.

The object of the invention is to provide an improved structure, characterized by the feature that the arms of the chandelier are removable, or can be varied in number according to local conditions.

A further feature of the invention is the provision of improved devices and fittings for supporting the arms and other parts of the fixture, as will more fully appear from the following description and the drawings.

In the drawings—Figure 1 is a side elevation of the fixture, partly in section. Fig. 2 is a plan, and Fig. 3 is a section on the line 3—3 of Fig. 2, of a spider or body which holds the arms. Figs. 4 and 5 are plan and side views of a ceiling piece. Fig. 6 is a detail of one of the chandelier arms. Figs. 7 and 8 are plan and side views of a ring to which cups are joined to form a shell around the body of the chandelier.

Referring specifically to the drawings, 13 indicates a gas pipe or the like which supports the chandelier in place. This is screwed at the top into a ceiling piece or crow's foot 10 which will be fastened to the ceiling. The lower end of the pipe 13 is screwed into a nipple 9^a on the body or spider of the fixture, and this consists of a circular casting or piece 9 which is formed with four tubular sockets 8 extending radially, and each socket has therein a lug 6. The ends of the tubular arms 7 fit into the sockets, and each arm is provided with a bayonet slot 7^a which receives the lug 6. The arms are turned in the sockets to engage the lugs in the angular part of the slots, to hold the arms in position. At the outer ends the arms are fitted with rings 12 to which the hangers 20 are connected for attaching the supports of the lamp sockets or lighting devices.

The pipe 13 is inclosed by a tube 27 which is provided at the top with a canopy 18 inclosing the support 10, and at the bottom

with an inverted cup 28 which forms the upper part of a shell inclosing the body or spider 9, the other parts of the shell consisting of a ring 17 which has holes 16 through which the arms 7 are inserted, and a lower cup 18^a, which is held in place by a nut 19 on a screw 14 tapped into the underside of the spider. The ring 17 is clamped between the upper and lower cups 28 and 18^a.

The arms 7 may be removed or inserted without taking the fixture apart, since they may be inserted in or removed from the sockets 8 through the holes 16 in the ring of the shell, the bayonet slots permitting quick and easy attachment or detachment. The ring 17 may be set in place by taking off the knob 19 and the cup 18^a, and said ring may be modified according to the number of arms desired. Thus where only two arms are used a ring will preferably be provided having only two holes; and otherwise according to conditions. By the means described the whole chandelier may be assembled in the desired form and changes are permissible without the substitution of an entirely different chandelier.

It will be seen that the tube 13 opens into the body 9, through the nipple 9^a, and that the sockets in the body communicate with the central chamber. This is advantageous, because it permits the electric wires for the lamps to be located in the tube 13 and to extend thence through the body 9 and into the tubular arms 7, and consequently the arms can be attached without twisting or cutting the wires, as with devices in which the wires are inserted through openings in the sides of the arms, and also permits compliance with fire regulations requiring the electric wires to be inclosed in pipes.

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

A lighting fixture comprising a hollow body having a central nipple and radial tubular sockets projecting outwardly from said nipple and which open into the central chamber of said body, a supporting pipe connected to the nipple and which opens into said chamber, an external finish shell and ring supported on said pipe and inclosing said body, said ring having openings and being removable and changeable according to the number of arms used, and removable

tubular arms corresponding in finish to said
shell and ring and fitting through the open-
ings in the ring and into said sockets, said
arms having a slip joint with the sockets
5 whereby they may be connected or discon-
nected from the outside, without separating
the shell and ring.

In testimony whereof, I do affix my signa-
ture in presence of two witnesses.

JAMES W. PHILLIPS.

Witnesses:

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