

(No Model.)

E. R. CROLIUS.
ELECTRIC LIGHT FIXTURE.

No. 482,339.

Patented Sept. 13, 1892.

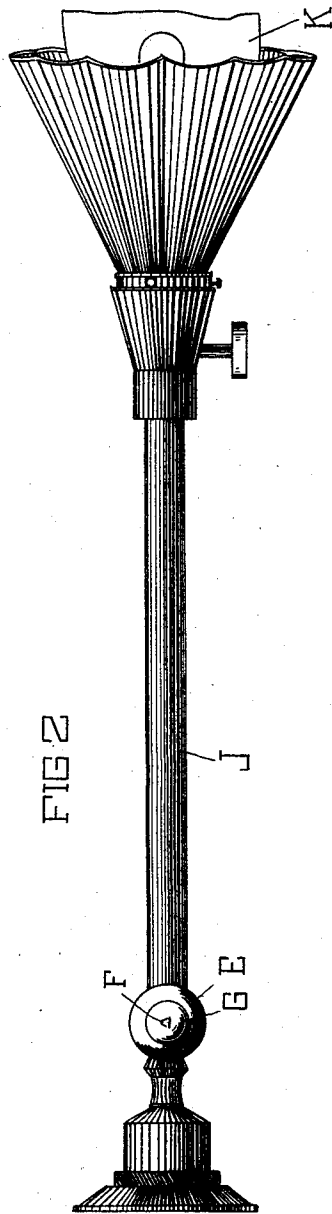


FIG 2

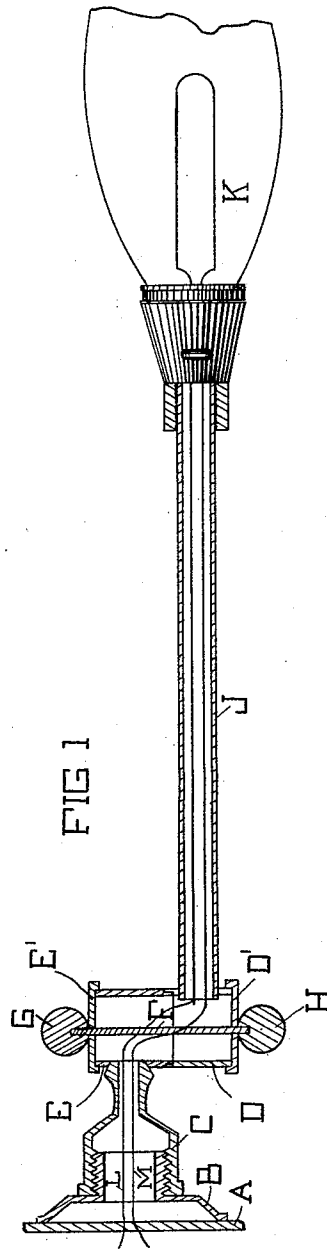


FIG 1

WITNESSES

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ELECTRIC-LIGHT FIXTURE.

SPECIFICATION forming part of Letters Patent No. 482,339, dated September 13, 1892.

Application filed January 4, 1892. Serial No. 417,042. (No model.)

To all whom it may concern:

Be it known that I, EDWIN R. CROLIUS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Electric-Light Fixtures, of which the following is a specification.

My invention relates to incandescent electric-light fixtures and the like, and has for its object to provide a cheap, simple, convenient, and ornamental fixture.

The essential features of my invention are illustrated in the accompanying drawings, wherein—

Figure 1 is a cross-section showing the parts in position. Fig. 2 is a detail.

Like parts are indicated by the same letter in both figures.

A may illustrate the wall of the building, from which projects the screw-threaded nipple B, which may be a portion of an existing gas system. C is a connected thimble screw-threaded, so as to engage the nipple to secure to one part D of the connecting-joint, the upper corresponding part of which is lettered E. The parts C and D may be screw-threaded together or cast together or soldered together or otherwise fixed, as may be desired. Each of the parts E D is provided with a cap, (lettered, respectively, E' and D') and each cap is perforated, so as to permit the passage of the rod F, which has at one end the fixed ornamental bulb, globe, or the like G, and at the other end the ornamental part H, removably secured upon the rod—as, for example, by screw-thread. The aperture in the plate E' is irregular or formed so as to have diameters of different lengths, and the rod at that part is shaped so as to conform to such aperture, and thus prevent the rotation of the parts one upon the other when being screwed or secured in position. J is a tube projecting from the part E and secured thereto in any desired manner. K is an incandescent lamp suitably secured at the end of the tube J. L M are electric wires leading from the mains through an aperture in the wall A, through the nipple B, connection C, thence through the connection-joint D E, and through the tube J to the lamp. It is evident that these parts may be greatly altered without departing from the spirit of my inven-

tion. For example, there might be a series of connector-joints and tubes J. The incandescent lamp or any other electrical device could be connected in any desirable manner to the wires. The attachment to the wall could be made as might be found best.

The use and operation of my invention are as follows: When an electric fixture is to be supplied for the purpose of conducting electricity from the mains which are led through the wall to a compartment for the purpose of energizing a lamp or other electrical device, and when it is desired that this fixture shall have the form or arrangement of the ordinary gas or electric fixture, my invention is applied by securing the same by a screw-thread or other convenient means to a projecting nipple or part associated with or in proximity to the emerging ends of the wires which lead from the mains. The wire is first inserted in the device of my invention by unscrewing or loosening the rod of the connector-joint and removing it and then separating the two parts D E. This leaves the apertures leading from such parts easily accessible, so that the wire can be passed through either such part into its associated tube or projection, and then the caps can be put in place and the rod and its fittings firmly attached so that all the parts will be securely held in the position indicated in Fig. 1. The wires projecting from the part C will then be secured to the wires which emerge from the wall and the device will be placed in position. The incandescent lamp or other such device will then be secured to the fixture and the electrical connections made.

I claim—

In a joint for an electric-light fixture, the combination of two open-ended tubular parts adapted to fit snugly together end to end with removable caps adapted to cover the ends, two pipes removably secured one to each of such tubular parts, and a bolt passing through such tubular parts and through the caps parallel with the length of the tubular parts and adapted to hold them securely together.

EDWIN R. CROLIUS.

Witnesses:

VIRGINIA WILLEY,
WALTER J. GUNTHERP.