

(No Model.)

D. J. BRAUN.

COMBINED GAS AND ELECTRIC LIGHT FIXTURE.

No. 418,270.

Patented Dec. 31, 1889.

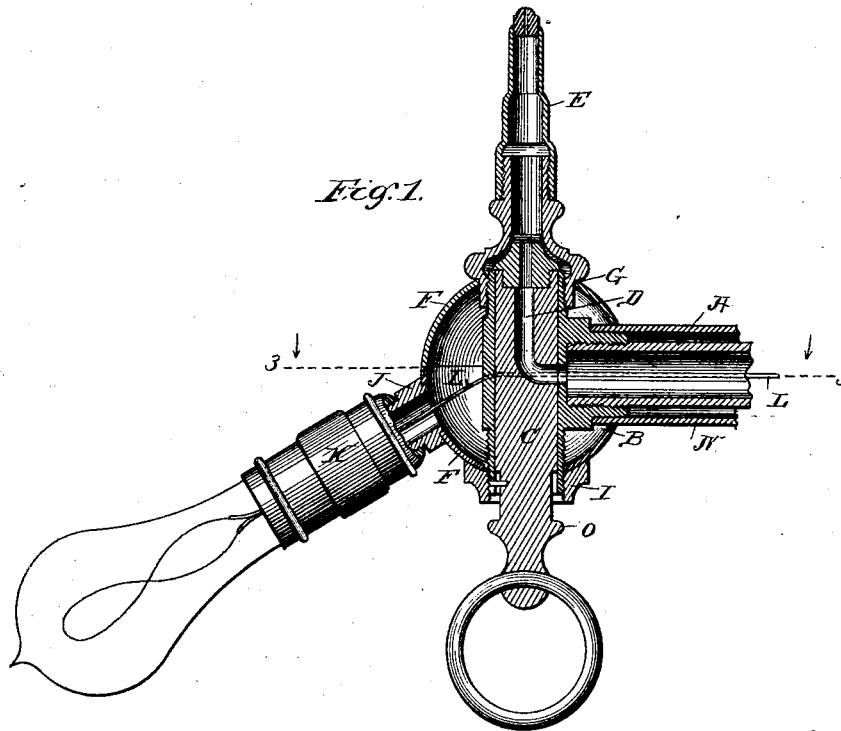
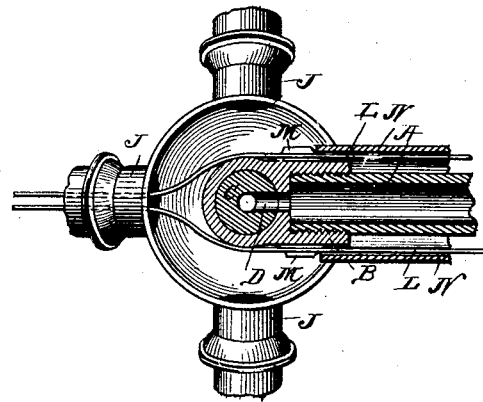
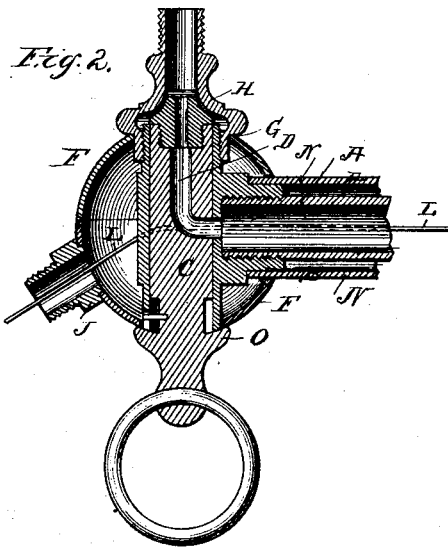


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

DAVID J. BRAUN, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE DAVID J. BRAUN MANUFACTURING COMPANY, OF SAME PLACE.

COMBINED GAS AND ELECTRIC-LIGHT FIXTURE.

SPECIFICATION forming part of Letters Patent No. 418,270, dated December 31, 1889.

Application filed September 19, 1889. Serial No. 324,379. (No model.)

To all whom it may concern:

Be it known that I, DAVID J. BRAUN, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in a Combined Gas and Electric-Light Cock, of which the following is a specification.

This invention relates to improvements in combined gas and electric-light cocks, in which heretofore it has been common to string the wires for the electric light upon the outside of the cock, thus producing an unsightly and disfiguring appearance.

The object of this invention is to have a combined gas and electric-light cock of such a character that the electric-light wires will be entirely concealed, but at the same time are readily accessible without the necessity for disconnecting the gas fixtures or cock or changing the appearance from an ordinary gas stop-cock. This object is attained by the device illustrated in the accompanying drawings, in which—

Figure 1 represents a central vertical section through a gas-cock embodying my invention, showing an incandescent electric light attached thereto in elevation, with the parts adjustable from either above or below the cock; Fig. 2, a similar section showing a modified construction, in which the adjustment is made at the top of the cock; Fig. 3, a horizontal section on the line 3 3 of Fig. 1.

Similar letters of reference indicate the same parts in the several figures of the drawings.

Referring by letter to the accompanying drawings, A indicates a gas-fixture tube from which the supply of gas is obtained; B, a cast T screwed at its center on the end thereof, and C the cock working therein and provided with the angular passage D for controlling the supply of gas to the burner E in the usual manner, the construction and operation of these parts being immaterial so far as relates to the object of my invention. Surrounding the T is a hollow metallic globe F, made in sections or hemispheres, divided horizontally, with an interlocking joint between the two sections, which globe is confined between a cap G, screwed or otherwise secured to the

upper end of the T, and an adjustable nut I, working upon the lower screw-threaded end of the T, which nut when screwed off of the T permits the separation of the two sections of the globe and thus gives access to the interior thereof. The principal adjustment, however, of this sectional globe is through the cap G, the unscrewing or removal of which permits the separation of the sections of the globe or the entire removal and disconnection of the upper section without disturbing the remaining parts; but the use of the double adjustment both above and below produces the greatest possible advantage in stringing or repairing the electric-light wires. One section of the globe, and preferably the lower section, is provided with one or more screw-threaded bosses J, (see Fig. 3,) secured thereto in any well-known and convenient manner, to which may be screwed or otherwise secured the incandescent-light fixture K or any other desirable form of fixture.

The wires L for this electric light, as more clearly illustrated in Fig. 3, are arranged to lie on each side of the T, the shoulder of which is notched at M upon the sides for their reception, so as to occupy less room and enable the employment of a smaller size of casing or covering for the gas-pipe, said wires extending through and concealed by the globe, with the main body thereof lying between the gas-pipe A and the metallic casing or covering N thereof in the usual manner, so that the wires pass through the entire gas-fixture—that is to say, between the pipe and casing and through the globe surrounding the gas-cock—and are thereby concealed from view, leaving the fixture, and particularly the cock, with substantially the same neat appearance as if no wire were strung in connection therewith. This arrangement also permits of ready access to the wires for any purpose, either in stringing them and connecting with the light or to make any needed repairs, for it is only necessary to unscrew the nut I, when the lower half of the globe will drop away from the upper half, or the cap G, when the upper half of the globe may be lifted up and thus expose the wires.

In Fig. 2 I have illustrated a modification of my invention, in which the adjustment of

the parts is limited to the cap G at the top of the cock, the adjustable nut I being dispensed with and its place supplied by a permanent shoulder O on the cock, upon which
5 the lower half of the globe rests, and which cannot be removed without first detaching the cock.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—
10 ent, is—

1. In a combined gas and electric-light cock, the combination, with the T thereof, a screw-cap upon the upper end of said T, and a cock working therein and provided with a
15 shoulder below said T, of a sectional hollow globe confined between said cap and shoulder, one of said sections being provided with one

or more bosses for the attachment of the electric-light fixture, substantially as described.

2. In a combined gas and electric-light cock, the combination, with the T screw-threaded at each end, a cap screwed to the upper end thereof, and a nut screwed on the lower end of said T, of a sectional hollow globe confined between said cap and nut, an
25 interlocking joint between the sections thereof, one or more screw-threaded bosses on the lower section of said globe, and electric-light attachments screwed thereon, substantially as described.

DAVID J. BRAUN.

Witnesses:

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WM. M. RHEEM.