G. BRECK.

INVERTED GAS FIXTURE.

APPLICATION FILED SEPT. 22, 1909.

958,357.

Patented May 17, 1910.

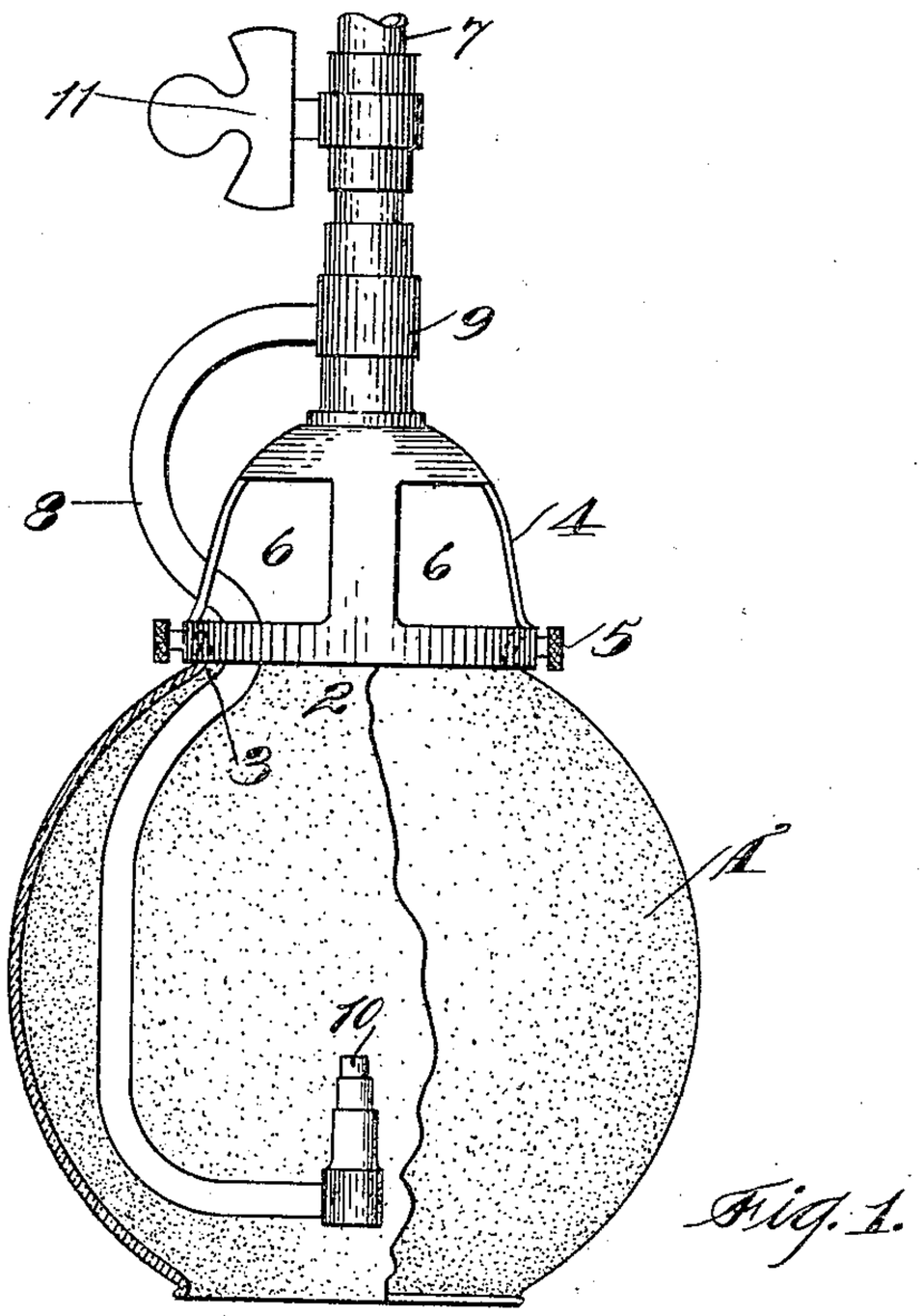

Fig. 1.

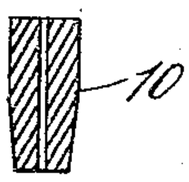

Fig. 2.

Witnesses;

F. E. Maynard.

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UNITED STATES PATENT OFFICE.

GEORGE BRECK, OF SAN FRANCISCO, CALIFORNIA.

INVERTED GAS-FIXTURE.

958,357. Specification of Letters Patent. Patented May 17, 1910.

Application filed September 22, 1909. Serial No. 519,084.

To all whom it may concern:

Be it known that I, GEORGE BRECK, citizen of the United States, residing in the city and county of San Francisco and State of California, have invented new and useful Improvements in Inverted Gas-Fixtures, of which the following is a specification.

My invention relates to gas fixtures.

The object of my invention is to provide an inverted gas fixture for use particularly with acetylene gas, which burner will have the appearance in many respects of an electric fixture and which will be adapted to throw the light downward and diffuse it at the sides.

The invention consists of the parts and the construction and combination of parts as hereinafter more fully described and claimed, having reference to the accompanying drawings, in which—

Figure 1 is a side elevation, partly broken away. Fig. 2 is a detail of a tip.

In the embodiment of the invention as practically applied I employ a globe A of suitable size, design and construction, which is open at the bottom and is provided with a small top or neck 2, having a surrounding bead or flange 3 to enable it to be attached to the globe holder 4, by suitable means, as the set screws 5 which engage in ordinary fashion underneath the bead 3. The globe holder is of suitable construction, preferably of metal, having suitable draft openings 6; the globe holder being secured to the pendent gas pipe 7. A small bent pipe 8 connects by a union 9 with the pipe 7, this small bent pipe 8 extending out sidewise and thence downward, as here shown, through one of the ventilating openings 6 inside of the globe and near to the bottom thereof, and carrying at its lower end the burner or tip 10. A valve 11 is interposed at any suitable point in the pipe 9 for controlling the jet.

Although the bent pipe 8 is shown as brought down inside the globe, it could come down on the outside and turn up into the globe, but the present construction is preferred because it adds to the neatness and appearance of the fixture as a whole and gives the semblance of an electric fixture.

The burner tip which I prefer to employ is a straight tip for burning acetylene gas, whereby there is a single flat jet with no tendency to shoot off laterally and break the glass.

This fixture is particularly designed for use with acetylene gas because of the comparatively small jet needed to give a large illumination. With ordinary gas there would be practically no demand for a fixture of this sort, because the fixture would have to be so big to accommodate the jet that it would be rendered in a great measure unattractive and undesirable.

The globe which I use, as here shown, for acetylene gas purposes need be no larger than one used for an ordinary incandescent electric bulb.

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

An improved gas fixture consisting of a pendent gas pipe, a globe holder carried thereby having suitable ventilating openings, a narrow topped globe carried by the globe holder, said globe open at both ends, and a pipe connecting with the said gas pipe at a point above the globe holder and extending down toward the same and through one of its draft openings and terminating at a point inside the globe adjacent to but above the bottom thereof, and having an upwardly turned top within said globe.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

GEORGE BRECK.

Witnesses:
M. C. MARKS,
S. E. MARVINE.