E. J. FARNAN.

GAS COCK.

APPLICATION FILED SEPT. 14, 1909.

950,382. Patented Feb. 22, 1910.

FIG. 1.

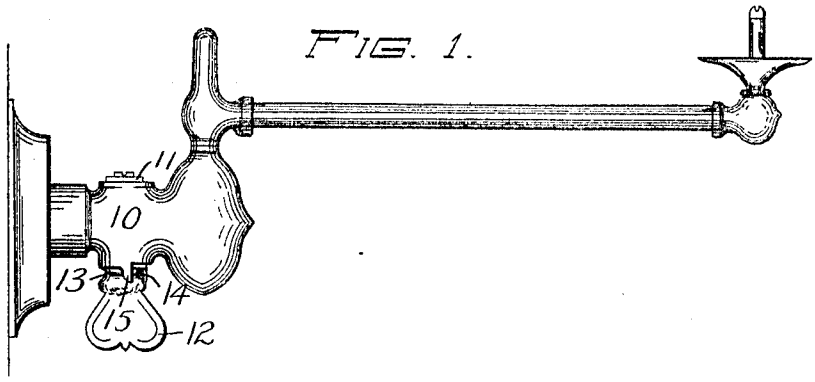


FIG. 2.

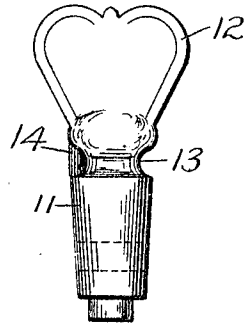


FIG. 3.

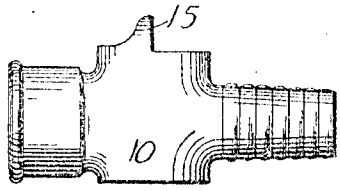


FIG. 4.

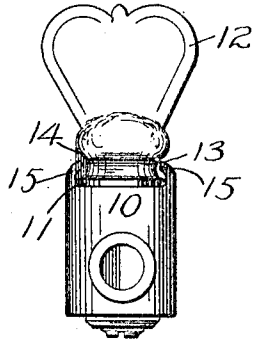
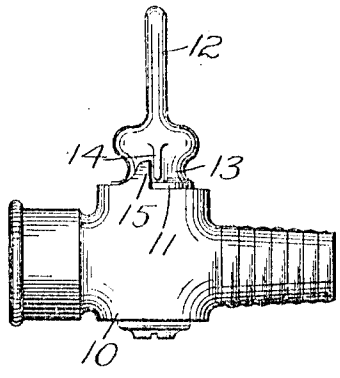


FIG. 5.



WITNESSES:

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GAS-COCK.

950,382. Specification of Letters Patent. Patented Feb. 22, 1910.

Application filed September 14, 1909. Serial No. 517,655.

To all whom it may concern:

Be it known that I, EDWARD J. FARNAN, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Gas-Cocks, of which the following is a specification.

This invention relates to gas cocks and similar cut offs for gas and water pipes, and its object is to provide a simple and cheap construction that is readily manufactured at a small cost, as will be more fully described in the following specification, set forth in the claim and illustrated in the drawings, where:

Figure 1 is a side view of a gas bracket embracing this invention. Fig. 2 is a view of the valve plug. Fig. 3 is a detail view of the casing. Fig. 4 is a front view of the cock assembled. Fig. 5 is a side elevation of same.

In the manufacture of gas cocks, it has been the practice heretofore to insert a pin in the plug to project from its side, and to cut shoulders from the valve seat or casing so that the pin shall play against these shoulders and act as a stop to prevent its rotation to an unnecessary degree.

The present invention is intended to simplify the manufacture of gas cocks by providing integral lugs for the valve casing which take the place of shoulders and may be bent into the path of a projection forming a part of the plug to stop it at certain points.

The casing 10 may be of any desired type to contain the plug 11 such as ordinarily used in gas brackets or cocks and having the usual thumb piece 12 to turn same. On the neck 13 of the plug, and at the point between the plug and the thumb piece, is formed a projection 14 of any desired width, and on each side of the casing 10 at its upper end are formed the lugs 15 originally cast upright but when the plug is inserted in the casing as shown in Fig. 4, these lugs 15 are bent over as shown so as to be in the path of the projection 14 so that the rotation of the plug is limited to a half turn or to a sufficient degree to open the valve or close it positively without running the risk of leaving it in a partly open position. This construction is simple and cheap and requires little finishing in the parts when cast thus and provides for the cheap construction of a cock but at the same time removing an objectionable feature of a pin, which is apt to become loosened and lost.

It is obvious that the parts may be modified or otherwise arranged if desired without departing from the essential features above described.

What I claim as new and desire to secure by Letters Patent is:

In a gas fixture, the combination with a plug having a projection integral with same, between the conical portion and the thumb piece, of a casing with lugs cast at each side of same at a point where the conical portion of the plug terminates and adapted to be bent to engage the projection on the plug.

In testimony whereof I affix my signature in presence of two witnesses.

EDWARD J. FARNAN.

Witnesses:

A. F. CONNELL,

JAMES F. DUHAMEL.