

May 18, 1926.

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1,585,084

GAS VALVE RECEPTACLE

Filed Feb. 28, 1923

Fig. 1.

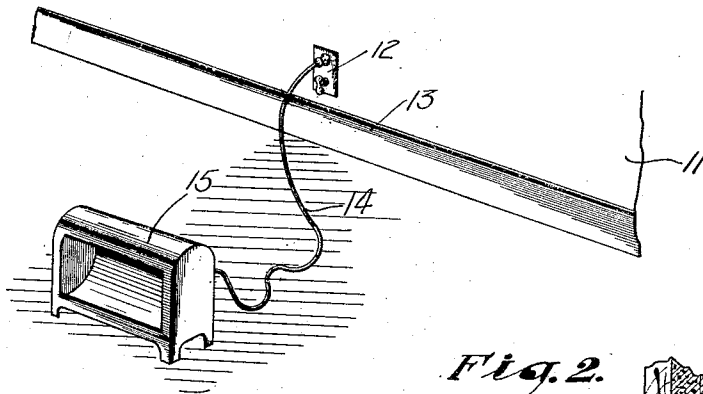


Fig. 2.

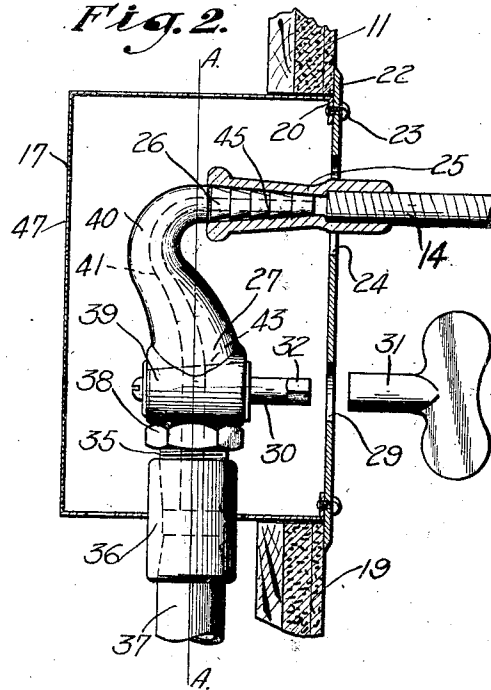
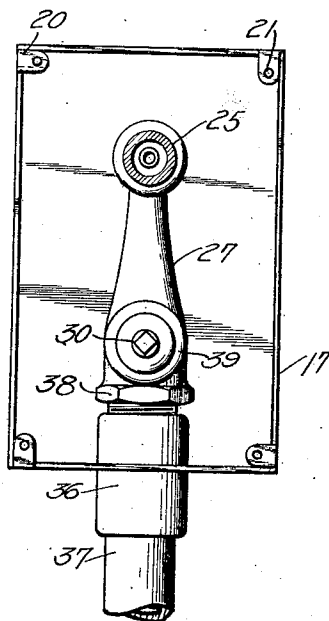


Fig. 3.



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GAS-VALVE RECEPTACLE.

Application filed February 28, 1923. Serial No. 621,857.

This invention relates to gas fixtures of the character employed with household service piping.

In gas service piping throughout buildings and residences, it is customary to provide in the separate rooms, gas cocks to which flexible tubing may be attached for serving stoves for temporary heating, or for the service of gas to various other appliances. In the installation of such means for providing temporary service of gas appliances, a nipple is extended up through the floor or out through the wall near the base board and a hose attachment gas cock screwed thereupon. This gas cock, by nature of the construction employed, projects outwardly into the room and presents a detraction to the general appearance of the room besides, and being unsightly in appearance is in the way.

It is an object of my invention to provide a means whereby a room may be served by a gas connection so that gas appliances may be used in the room, without visibility of the gas cock or its projection from the wall of the room.

It is a further object of the invention to provide this means in the form of a receptacle which may be set into the wall with the front thereof flush with the surface of the wall and having means of access into the interior of the receptacle whereby the hose may be attached to the improved form of gas cock I employ, and whereby the valve may be operated.

The especial advantages of my invention and further objects thereof will be made evident hereinafter.

Referring to the drawing which is for illustrative purposes only:

Fig. 1 is a perspective view showing the utility of the invention.

Fig. 2 is a vertical cross section through the invention as shown in Fig. 1.

Fig. 3 is a face view of the receptacle with the valve disposed therein, the receptacle having the cover removed therefrom.

In Fig. 1 of the drawing, 11 indicates a wall having a gas outlet receptacle 12, embodying the features of my invention, mounted therein at a point slightly above the base board 13. The customary employment of such receptacle is for the attachment of a flexible hose 14 for conveying gas to a portable heater such as shown at 15, as such heaters are only used temporarily. It

is desirable that the receptacle 12 be as inconspicuous as possible, and as hereinbefore stated my invention eliminates the necessity of outstanding gas cocks such as now employed.

Fig. 2 illustrates the interior construction of the receptacle 12 which consists of a metal box 17 which may be set into the wall 11 so that the front thereof will be in a plane with the surface of the plaster or other wall finish 19. This box 17 is provided with inwardly extending tongues 20 having threaded openings 21 therein whereby a cover plate 22 may be attached by means of screws 23. An opening 24 is provided in the cover 22 through which the attachment end 25 of the flexible hose 14 may be inserted and forced upon the nozzle 26 of the gas cock 27 my invention provides, and an opening 29 is also provided in the cover in a position opposite to the valve stem 30 in order that a suitable key or wrench 31 may engage the end 32 of the stem 30.

The cock 27 provides a threaded projection 35 which may be screwed into a sleeve coupling 36 mounted upon the upper end of a gas riser 37, and has the portion 38 thereof prepared for the application of a wrench for the purpose of screwing the cock 27 into the coupling 36. This wrench engaging portion 38 is preferably hexagonal in form. The nozzle 26 extends upwardly from the valve body 39 in the form of a gooseneck as indicated at 40, and an opening 41 as indicated in Fig. 2 extends centrally through the threaded projection 35 and through the nozzle 26 to provide a gas passage, the flow of gas through which is controlled by the valve plug 43 from which the valve stem 30 extends.

It will be noticed that the gooseneck 40 dips rearwardly and then projects forwardly in a horizontal plane so that the portion thereof to which the hose is attached extends at right angles to the pipe 37 to which the valve is attached. This construction provides an ample length of the end 45 of the nozzle upon which the rubber hose attachment member 25 is forced without requiring an unusual depth of the box 17, and also permits the valve to be rotated upon the axis A—A within a box of minimum width for the purpose of screwing into the coupling 36. It will be noticed that the forward extension of the portion 45 from the axis A—A is less than the distance from the axis A—A to the

back 47 of the box 17, therefore allowing a free rotation of the cock therein.

It is preferable as shown in Figs. 2 and 3 to employ a coupling 36 in the installation of the device as it is customary for the plumber to close upon installation the ends of all risers so that dirt will not get into the pipes during the completion of the construction of the building. This is accomplished by plugs and caps. The use of a cap, however, in this case is undesirable, as in removing the cap preparatory to the placing of the cock 27, lower joints in the pipe may be unscrewed. In the construction shown, it is possible to grip the upper end of the coupling 36 with a wrench while the plug is being unscrewed therefrom, therefore accomplishing the opening of the upper end of the pipe without liability of unscrewing lower joints in the piping.

While in the hereinbefore description and the drawing I have described and shown a preferred form of my invention it is to be understood that the scope thereof is subject only to the limitation of the following claims.

I claim as my invention:

1. In combination with a wall having an opening therein, a receptacle adapted to be set into the opening in the wall; a cover plate for said receptacle in fixed relation to said wall and said receptacle and covering the opening in the wall, a gas supply pipe extending into said receptacle, a valve mem-

ber on said supply pipe and in said receptacle having a forwardly extending attachment portion, said attachment portion being supported by a gooseneck formation extending rearwardly from the longitudinal axis of said valve and attachment structure in a minimum space wholly behind said plate, said cover plate having an opening therein through which a tubular member may be connected to said attachment portion of the valve member and having an opening therein through which said valve may be operated.

2. In combination with a wall having an opening therein, a gas outlet fitting comprising: a valve portion and a tube attachment portion, said attachment portion extending substantially perpendicularly with respect to said valve portion and joined therewith by a gooseneck extending rearwardly from the longitudinal axis of said valve so as to permit rotation of said fitting in a minimum space, and a cover plate for said fitting over the opening in the wall in fixed relation thereto having openings therein through which a hose connection may be made to said attachment portion and the valve operated.

In testimony whereof, I have hereunto set my hand at Los Angeles, California, this 22nd day of February, 1923.

PERCY C. CUNNINGHAM.