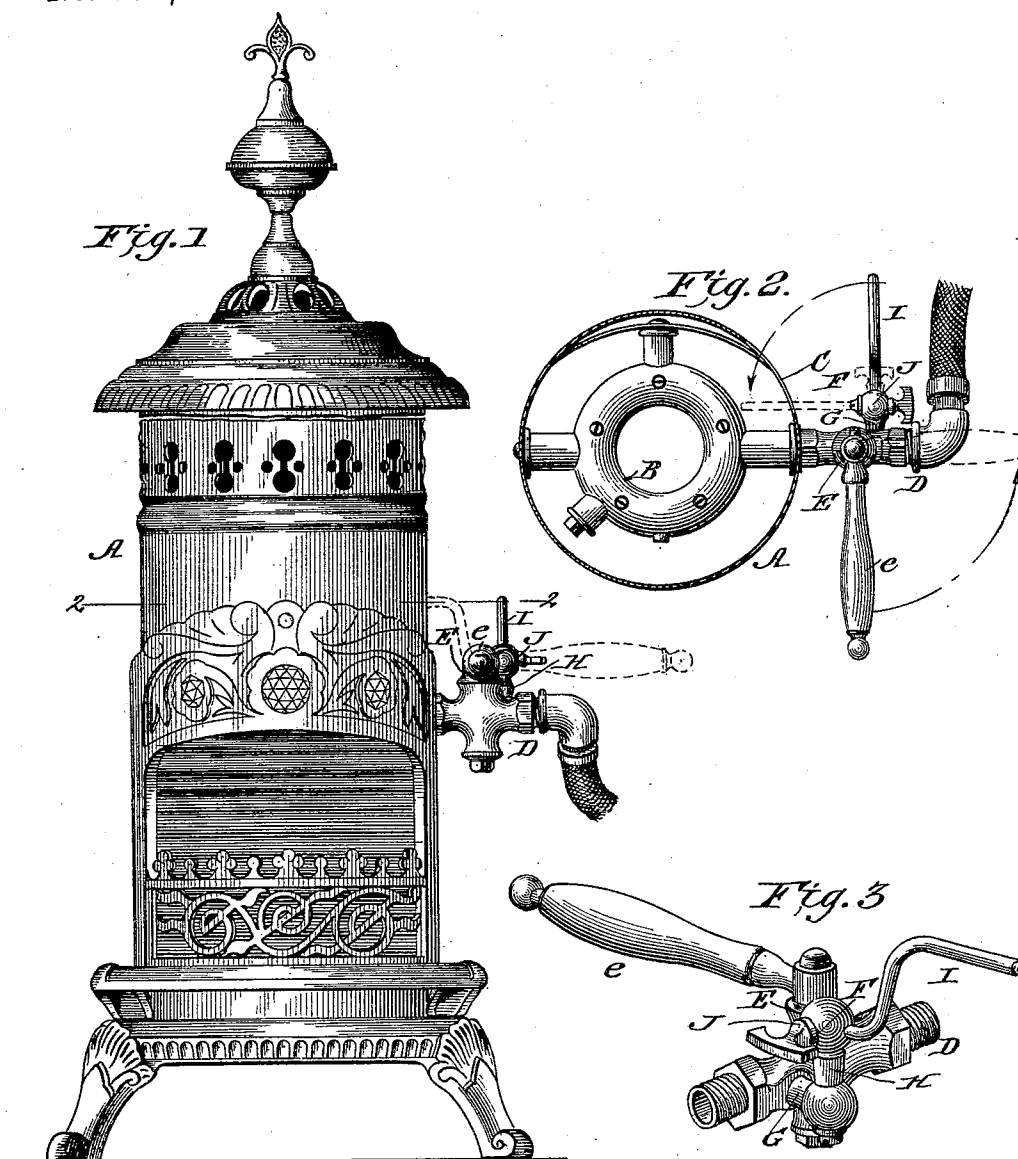


(No Model.)

A. WEISKITTEL.
GAS STOVE.

No. 499,623.

Patented June 13, 1893.



WITNESSES:
Fred G. Dietrich
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UNITED STATES PATENT OFFICE.

ANTON WEISKITTEL, OF BALTIMORE, MARYLAND.

GAS-STOVE.

SPECIFICATION forming part of Letters Patent No. 499,623, dated June 13, 1893.

Application filed October 14, 1892. Serial No. 448,914. (No model.)

To all whom it may concern:

Be it known that I, ANTON WEISKITTEL, residing at Baltimore city, in the State of Maryland, have invented certain new and useful Improvements in Gas-Stoves, of which the following is a specification.

My invention is an improvement in gas stoves, and especially in the so-called "pilot light" or lighting device for use on said stoves, and the invention consists in the special constructions and combinations of parts as will be hereinafter described and pointed out in the claim.

In the drawings: Figure 1 is a front elevation, and Fig. 2 is a cross sectional view on about line 2—2 of Fig. 1 of a stove embodying my improvements, and Fig. 3 is a detail view of the cock.

The stove, A, and the burner, B, may in general respects be of ordinary construction, the former having in its side an opening, C, just above the burner, B, for the passage of the tip of the ignitor presently described.

The cock, D, is provided with a valve, E, having a handle, *e*, which valve may, for convenience of reference, be termed the supply valve, as it controls the flow of gas to the burner. The ignitor, F, connects with the cock, D, in advance of the valve, E, so that the flow of gas to said ignitor is not affected by the adjustments of the supply valve. In the construction shown the ignitor comprises a lateral section, G, projecting from the cock, D, a vertical section, H, jointed to turn in said section and provided with the burner tube, I, and with the valve, J, controlling the passage of gas to said burner. This ignitor may be swung to and from the burner passing through the slot or opening, C, in its movements into and out of the stove.

An important feature of my improvement is the fact that the movements of the ignitor are entirely independent of that of the supply valve of the burner, so that, when the ignitor has served its purpose to light the gas at the burner, it may be adjusted out of the

way of the burner and, in fact, entirely out of the stove, as will be readily seen. This is manifestly desirable for several reasons. It avoids any injury to the ignitor which might result from its continual heating by the stove burner, and it also enables the use of the ignitor or pilot light to, in a measure, illuminate the room which is desirable, because frequently stoves of this class are used in small rooms having only a single gas burner, and, when the stove is only used temporarily, the supply tube is connected to such burner, rendering other illuminating means necessary; or, if desired, the ignitor can be turned off and out of the stove as soon as it has accomplished its purpose.

By the construction of the cock with the supply valve and the ignitor, the improvement can be readily applied to any ordinary heating gas stove.

In operation the ignitor may be lighted and turned into the stove and then the gas be turned on, when it will be lighted, and the ignitor may be turned off and out of the stove.

I claim—

As a new and improved article of manufacture a cock or fitting for gas stoves consisting of a tubular or pipe section having a controlling valve E provided with a handle *e* projecting to one side of the pipe section and having a laterally projected section G on the opposite side from the handle *e*, the section H mounted vertically on and jointed to turn in the section G and the burner tube valve J carried by the vertical section all substantially as described whereby a single fitting furnishing the controlling valve, and ignitor tube and valve and whereby the manipulations of neither the controlling valve nor the ignitor or its valve interfere with the manipulations of the other part all substantially as and for the purposes set forth.

ANTON WEISKITTEL.

Witnesses:

WM. H. JONES,
J. EMERY WEATHERBY.