

P. KELLER.
Carbureter.

No. 211,744.

Patented Jan. 28, 1879.

FIG. 1.

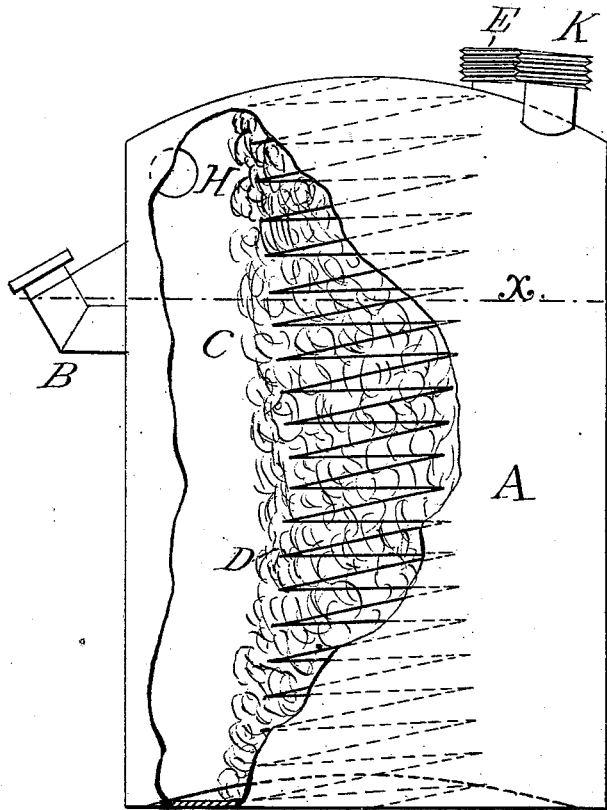
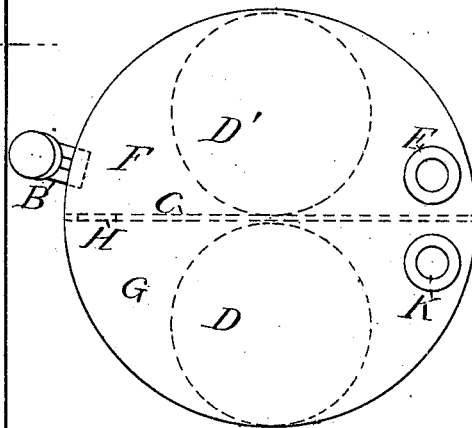


FIG. 2.



Witnesses:
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By
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Atty.

UNITED STATES PATENT OFFICE.

PETER KELLER, OF CINCINNATI, OHIO, ASSIGNOR TO CRAGIN BROS. & CHANDLER, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN CARBURETERS.

Specification forming part of Letters Patent No. 211,744, dated January 23, 1879; application filed August 17, 1878.

To all whom it may concern:

Be it known that I, PETER KELLER, of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Carbureters; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 is an elevation of my gas vaporizer and generator; Fig. 2, a plan of the same.

The object of my invention is to furnish a device to connect with a gas-meter in a manner to allow the gas to pass through the same and be carbureted or enriched with the vapor of hydrocarbon oil—such as gasoline.

In the drawings, A represents the body of the vaporizing and carbureting can, having above its center a tube, B, through which is passed the gasoline, which rises to its proper height, X, on both sides of the partition C, by passing under its bottom, which is cut in an arch form for that purpose. D D' are springs, one on each side of the partition C, around which is passed raw cotton, which will absorb the gasoline and carry it to the top of the can A, where it is vaporized, thereby assuring its

mixture with the gas, which enters division F through the pipe E, flowing from the meter. The gas circulates first in the division F, and at the same time mixes with the gasoline vapor, and thence passes into the division G through the opening H, and again circulates and is further charged with vapor before it reaches the outlet-pipe K, which conveys it ready for use.

I am aware that the principle of carbureting gas by the employment of gasoline and wicks or cotton to absorb the gasoline and carry it above the level of the same, in order that it may mingle with the gas that enters the vessel containing the gasoline, is old.

What I claim as new, and desire to secure by Letters Patent of the United States, is—

In a carbureter, the springs D D', supporting the cotton packing, in combination with a partition having an arched cut bottom, forming a passage-way for oil, and a hole through the upper part for the passage of the gas, substantially as shown and described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

PETER KELLER.

Witnesses:

C. MENDENHALL,
ISAIAH BARLEY.