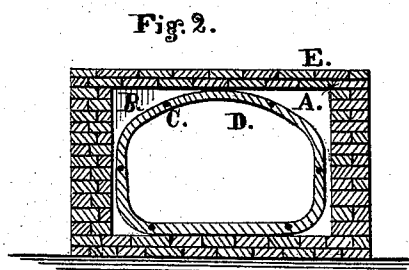
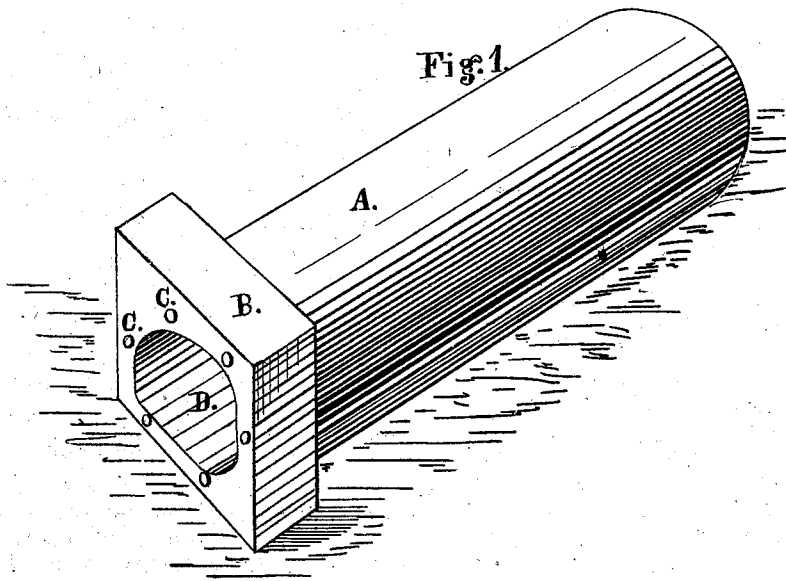


J. H. WALKER & J. WALKER.

Gas Retorts.

No. 133,731.

Patented Dec. 10, 1872.



Witnesses:

A. Schottenberg
E. G. Smith

Inventor:

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UNITED STATES PATENT OFFICE.

JAMES H. WALKER, OF MILWAUKEE, WISCONSIN, AND JOHN WALKER, OF
SOUTH BEND, INDIANA.

IMPROVEMENT IN GAS-RETORTS.

Specification forming part of Letters Patent No. 133,731, dated December 10, 1872.

To all whom it may concern:

Be it known that we, JAMES H. WALKER, of Milwaukee, county of Milwaukee and State of Wisconsin, and JOHN WALKER, of South Bend, county of St. Joseph, in the State of Indiana, have invented certain Improvements in Retorts, of which the following is a specification:

Nature and Object of the Invention.

Our invention is a retort for the manufacture of gas, or for any other purpose, and is made with the front end angular instead of being made in the present form, and thus several advantages are obtained: First, in the setting of the retort, the brick in the setting are all used whole; second, all the cutting and fitting of brick around the retort is avoided; third, any ordinary workman can lay up the wall around the retort and a skilled workman is not necessary; and fourth, all the joints are perfect and not likely to leak or get out of repair.

Description of the Drawing Forming Part of this Specification.

Figure 1 is a longitudinal perspective view,

and Fig. 2 an end view of the retort and brick setting.

General Description.

A is the body of the retort; B, the front end and opening of the retort; C, holes, into which bolts enter to hold the mouth-piece; D, the opening of the retort; E, the brick-work or retort-setting. This rectangular part of the retort B is as far back on the retort as the brick setting, and may be made separate.

Claim.

We claim as our invention—

The D or other curved retort having its front end rectangular, as and for the purpose specified.

JAMES H. WALKER.
JOHN WALKER.

Witnesses:

E. S. ABBOTT,
W. C. MILLS,
J. B. SMITH,
F. E. SMITH.