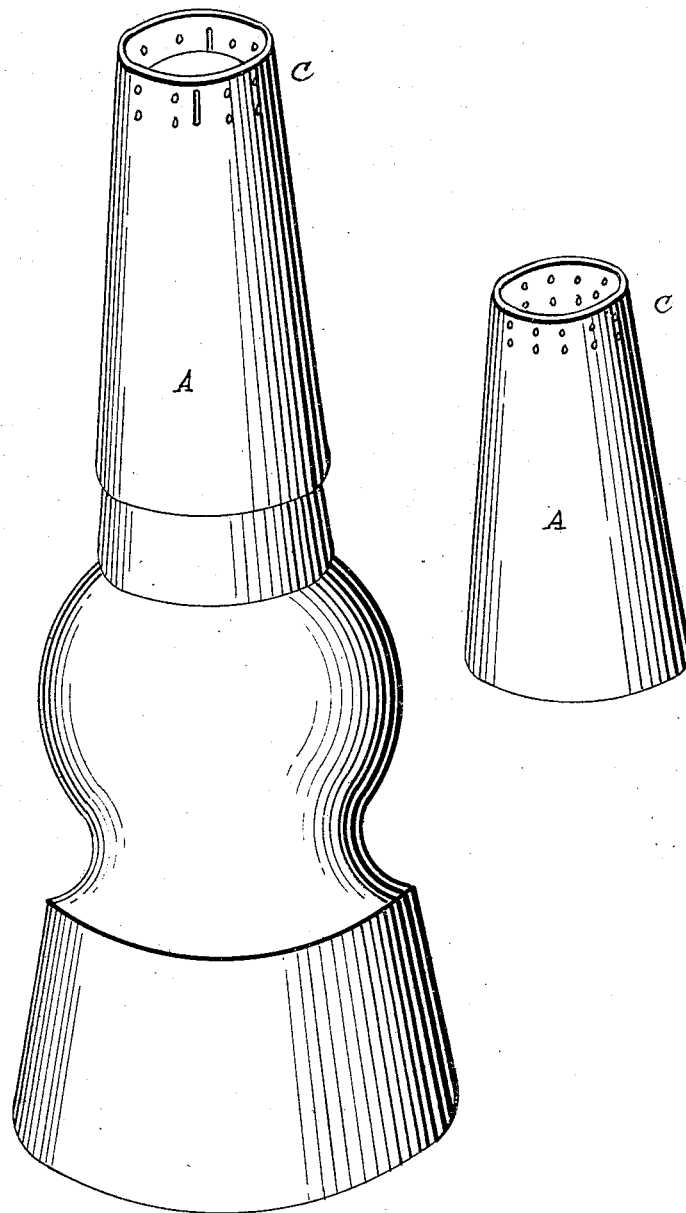


C. RITTER.
Gas Burner.

No. 50,628.

Patented Oct. 24, 1865.



WITNESSES:

Joseph G. Hawley
Charles H. Fritz

INVENTOR.

Christian Ritter

UNITED STATES PATENT OFFICE.

CHRISTIAN RITTER, OF READING, PENNSYLVANIA.

IMPROVEMENT IN GAS-BURNERS.

Specification forming part of Letters Patent No. 50,628, dated October 24, 1865.

To all whom it may concern:

Be it known that I, CHRISTIAN RITTER, of Reading, in the county of Berks, in the State of Pennsylvania, have invented a new and improved mode of producing more light with the same quantity of gas from any kind of gas-burners in general use; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in providing for any common gas-burner a sliding tube, made of brass or any other suitable material, open at both ends, but perforated at the upper portion or end, so as to allow a draft of air to pass into the flame of the gas-burner, giving it more bulk, causing a more perfect consumption of gas, and consequently producing more light. By having two or three tubes

fitting differently on the burner as to the space they project over it, so as to allow more or less air to pass into the flame, a different strength of light can be produced by putting on the one or the other of the tubes.

The construction of these tubes is so simple that it is not deemed necessary to give any further description.

What I claim as my invention, and desire to secure by Letters Patent, is—

A sliding tube, A, of brass or any other suitable substance or material, open at both ends, the upper end being perforated, C, to slide on gas-burners, in the manner described, for the purposes set forth.

CHRISTIAN RITTER.

Witnesses:

J. M. BECK,
FRANK. B. MILLER.