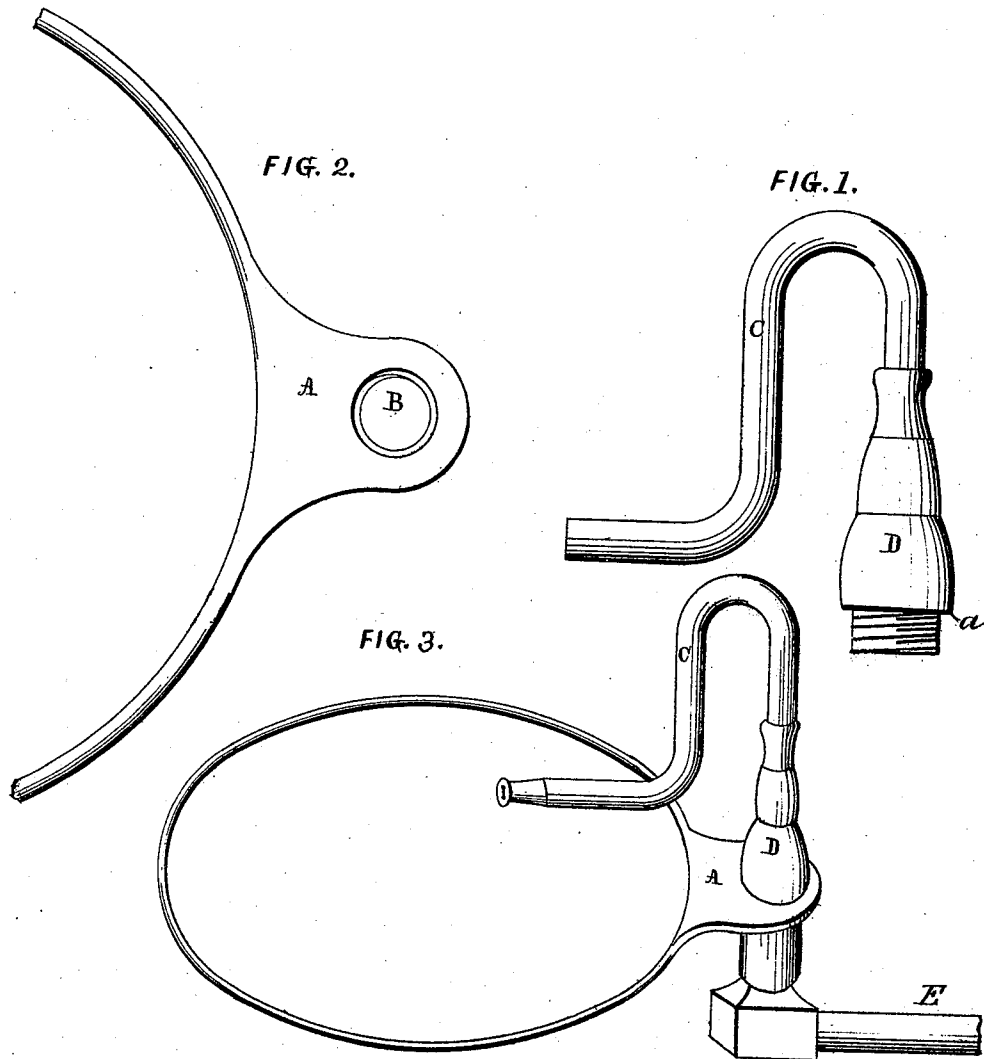


O. J. McGANN.

GAS-BURNER.

No. 171,831.

Patented Jan. 4, 1876.



WITNESSES:

James H. Lane
A. B. Franklin

INVENTOR.

O. J. McGann

UNITED STATES PATENT OFFICE.

OWEN J. MCGANN, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN GAS-BURNERS.

Specification forming part of Letters Patent No. **171,831**, dated January 4, 1876; application filed November 16, 1874.

To all whom it may concern:

Be it known that I, OWEN J. MCGANN, of the city of Chicago, county of Cook and State of Illinois, have invented a new Portable Water-Bowl Gas-Burner; 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.

Figure 1 is a side elevation of the goose-neck burner; Fig. 2, a plan of the flanged ring for holding the water-bowl, and Fig. 3 a perspective view of the device complete.

My invention has for its object to provide an improved mode of attaching the ring-holder of a water-lens or reflector to its burner, which latter is also provided with a socket adapted to be detachably applied to the burner of an ordinary gas-bracket.

The ring for supporting the water bowl or lens has a horizontal lug or flange, A, which is provided with a screw-threaded hole, B, to adapt it to receive the corresponding threaded end of the socket D of the goose-neck burner

C. Said socket has a perforated rubber diaphragm, (like the socket of the flexible tube of an ordinary "drop-light,") which adapts it to fit gas-tight upon the burner of the bracket E. The socket is screwed into hole B till arrested by its shoulder *a*; hence the circular lens-holder B and burner-tube C constitute, practically, one device, which may be readily attached to, or with equal facility detached from, the bracket-burner, while they may also be separated or detached one from the other.

What I claim is—

The combination, with the gum socket D, having burner-tube C and a screw-threaded end, of the lens-holder, provided with a correspondingly-threaded hole, B, in flange A, whereby said parts are adapted to be connected and attached to a gas-bracket burner, as shown and described.

OWEN J. MCGANN.

Witnesses:

A. D. FRANKLIN,
JAMES H. LANE.