W. B. JOHNS.

Apparatus for Lighting Gas.

No. 25,122. Patented Aug. 16, 1859.

Fig. 1.

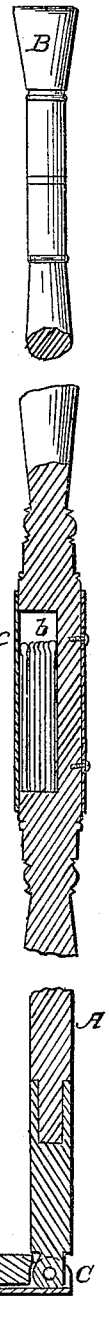
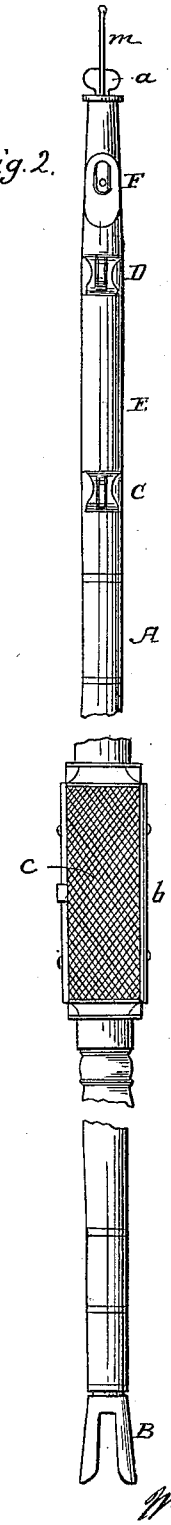


Fig. 2.



Witnesses
Geo Ritter
A B Grimes

Inventor:
Wm B Johns

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

WM. B. JOHNS, OF THE UNITED STATES ARMY.

APPARATUS FOR LIGHTING GAS-BURNERS.

Specification of Letters Patent No. 25,122, dated August 16, 1859.

To all whom it may concern:

Be it known that I, WM. B. JOHNS, of the United States Army, have invented a new and useful Improvement in Apparatus for Lighting Gas; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawing, forming part of this specification, in the several figures of which similar characters of reference denote the same part.

Figure 1 is a view of the apparatus in position for turning the key of the burner. Fig. 2 shows it in position for lighting the burner.

The nature of the invention consists in a wrench with a jointed match holder at the opposite extremity to be used as hereinafter to be set forth.

In the drawing A is the staff with an ordinary wrench B at its extremity. The opposite end of the staff has two joints C and D, so as to admit of section F of the staff being brought parallel to the main body thereof, as seen in Fig. 1. The end of this section being hollow and provided with a spring, *a*, for holding a match. The middle of the staff is provided with a cavity *b*, having a roughened cover *c*, constituting a match box.

The match, *m* being inserted in section F after it is ignited, the several parts having positions shown in Fig. 1, a light is furnished to enable the operator to guide the wrench to the head of the key. As soon as the flow of gas commences, the staff is reversed so as to bring the match end uppermost, the sections being brought into line as seen in Fig. 2, and the flame applied to the escaping gas.

I claim—

Giving the wrench staff the joints sections E and F, so that a match inserted in the extreme section may illuminate the burner key while the gas is being turned on and also serve as a torch to ignite the gas.

In testimony whereof I have hereunto signed my name before two subscribing witnesses.

WM. B. JOHNS.

Witnesses:

JOHNS HOLLINGSHEAD,

GEO. PATTEN.