

W. H. R. TOYE.

REFLECTORS FOR GAS-BURNERS.

No. 175,527.

Patented March 28, 1876.

FIG. 1.

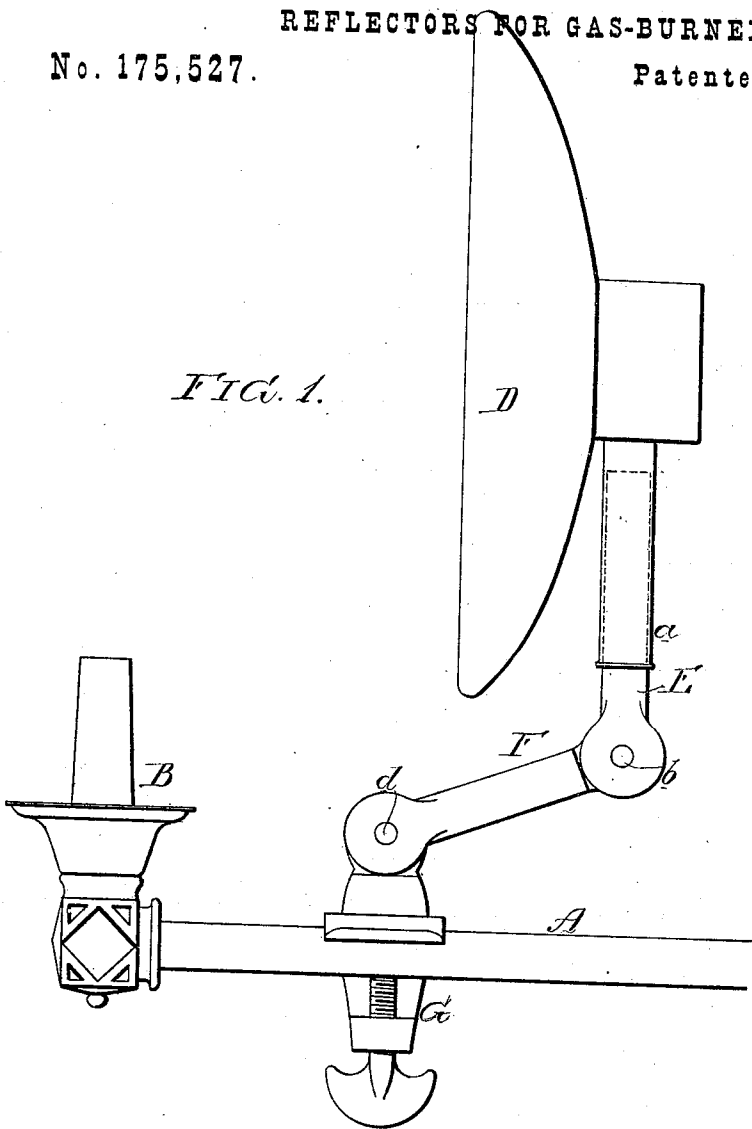
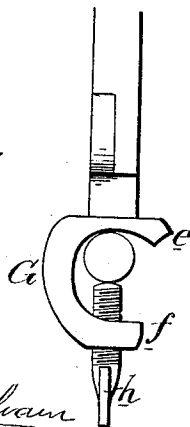


FIG. 2.



Witnesses, *Thomas William*
Harry Smith

William H. R. Toye
by his Attorneys
Hawson and Son

UNITED STATES PATENT OFFICE

WILLIAM H. R. TOYE, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF
ONE-HALF HIS RIGHT TO THOMAS F. BOYD, OF SAME PLACE.

IMPROVEMENT IN REFLECTORS FOR GAS-BURNERS.

Specification forming part of Letters Patent No. **175,527**, dated March 23, 1876; application filed
January 24, 1876.

To all whom it may concern:

Be it known that I, WILLIAM H. R. TOYE, of Philadelphia, Pennsylvania, have invented an Improved Reflector for Gas-Burners, of which the following is a specification:

The object of my invention is to attach a reflector to the bracket of a gas-burner or lamp-holder in such a manner that it can be readily adjusted to different positions in respect to the burner; and this object I attain in the manner which I will now proceed to describe, reference being had to the accompanying drawing.

In Figure 1, A represents the branch of a gas-bracket, and B the burner. D is a reflector, which may be of the usual construction, and to the rear of this reflector is secured a socket, *a*, arranged to fit snugly over and to turn freely on the pin E, the latter being hinged at *b* to a rod, F, which is hinged at *d* to a clamp, G, the hinges or joints being of such a character that the pin E and rod F will be self-retaining in any position to which they have been adjusted.

On referring to Fig. 2 it will be observed

that the clamp G has two projections, *e* and *f*, the concave under side of the former bearing on the top of the branch A, and a set-screw, *h*, passing through the projection *f*, and bearing against the under side of the branch.

It will be evident that by the above-described attachment the reflector may be readily adjusted to different positions in respect to the burner, and that an additional rod or rods, F, may be introduced without departing from the main features of my invention.

I claim as my invention—

The reflector D, having a socket arranged to turn on a pin, E, in combination with one or more jointed rods, F, and an adjustable clamp, G, for attachment to the branch of a gas-burner or other support, all substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WM. H. R. TOYE.

Witnesses:

HARRY HOWSON, Jr.,
HARRY SMITH.