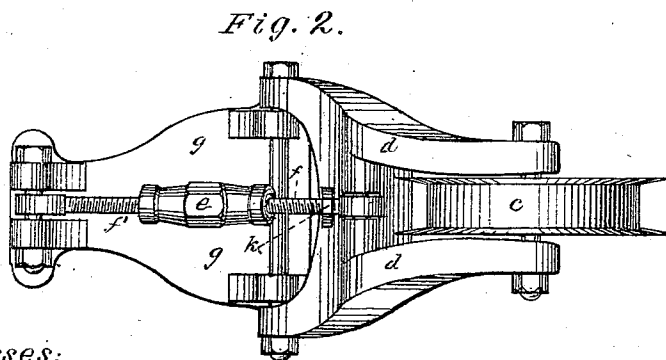
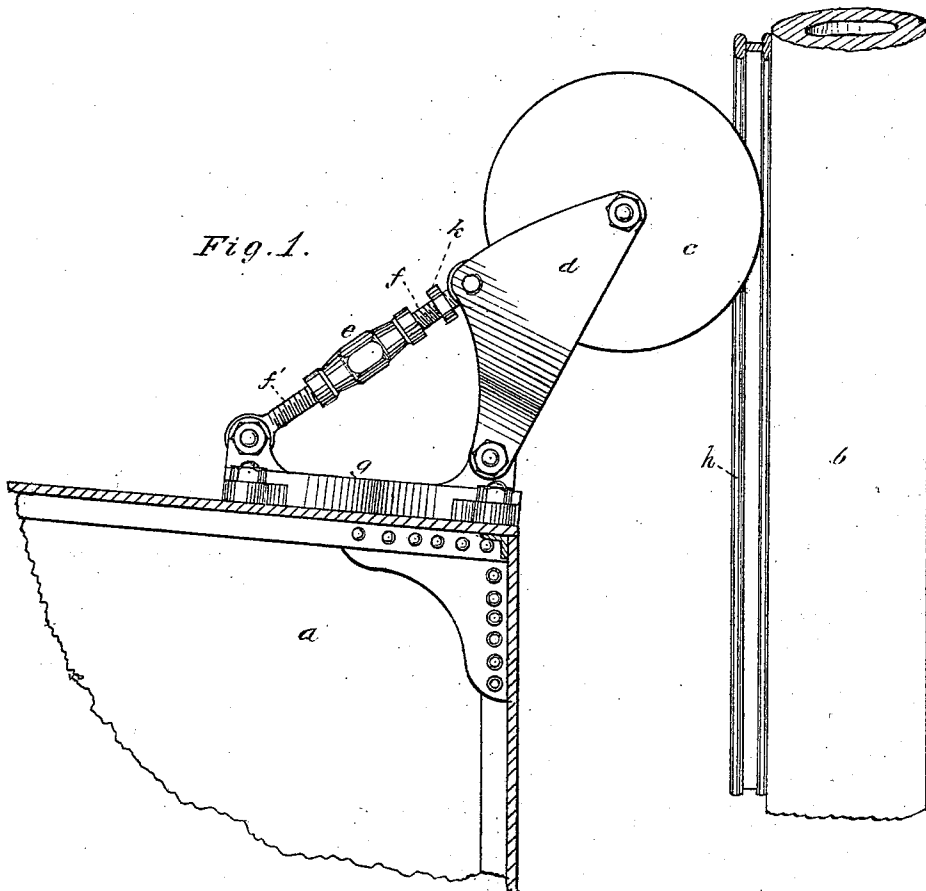


R. W. PROSSER.
Gas-Holders.

No. 148,755.

Patented March 17, 1874.



Witnesses:

Chas M Higgins.
Arthur C. Fraser.

Inventor:

Robt W. Prosser
Per Burke & Fraser
attys

UNITED STATES PATENT OFFICE

ROBERT W. PROSSER, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN GAS-HOLDERS.

Specification forming part of Letters Patent No. **148,755**, dated March 17, 1874; application filed March 2, 1874.

To all whom it may concern:

Be it known that I, ROBERT W. PROSSER, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Goose-Neck or Bracket for the Guiding and Adjusting of the Tops of Gas-Holders, of which the following is a specification:

The nature of my invention consists in arranging the roller which guides the gas-holder in its upward and downward motion in a hinged frame or bracket provided with a screw or turn-buckle, by which it may be adjusted toward or from the column or guides, as may be required.

Figure 1 of the annexed drawings, is a side elevation of my improved adjustable bracket, showing a portion of the gas-holder and guiding column. Fig. 2 is a plan view of the same.

In the drawings, *a* represents a portion of the gas-holder, and *b* a portion of one of the guiding-columns, which are arranged around it. To the top of the gas-holder a plate, *g*, is bolted, to the front of which is jointed the bracket *d*. To the outer and upper end of the bracket the guiding-roller *c* is journaled, and its grooved periphery embraces the track *h* on the column *b*. At about the center of the bracket a threaded rod, *f*, is jointed, and to the base-plate a like rod, *f'*, is jointed, and they are united by a nut, *e*. The screw-threads

upon the rods *f f'* are, respectively, right and left hand, and the nut *e* is correspondingly threaded, as in an ordinary turn-buckle.

The operation of adjusting the bracket is performed by turning the turn-buckle or nut *e* in one direction or the other, according as the bracket requires to be moved forward or backward, and is secured in the proper position by the lock-nut *k*, which is screwed down upon it.

By means of the power gained by the screw this adjustment can be made when a strong pressure of wind is being exerted on the opposite side of the holder.

I have shown the bracket and screw as being jointed to a base-plate, which is bolted to the gas-holder, but these parts may be bolted directly to the holder, if desired.

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

The adjusting screw or turn-buckle *f f' e*, in combination with the hinged frame or bracket *d* and roller *c*, substantially as and for the purpose set forth.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

Witnesses:

R. W. PROSSER.

CHAS. M. HIGGINS,

ARTHUR C. FRASER.