(No Model.)

A. G. BAYLES.

COMBINED WRENCH AND GAGE FOR GAS SERVICE PIPE COCKS.

No. 310,019. Patented Dec. 30, 1884.

Fig: 1.

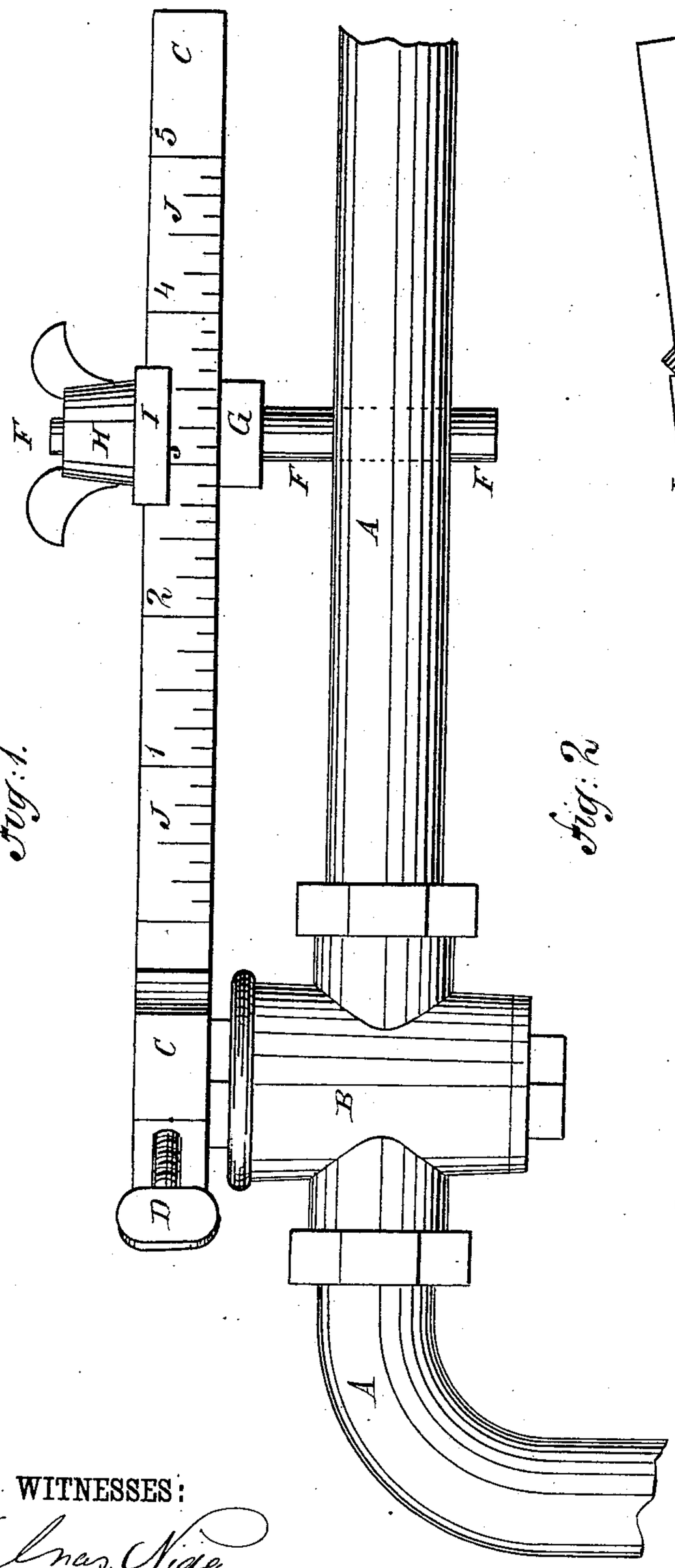
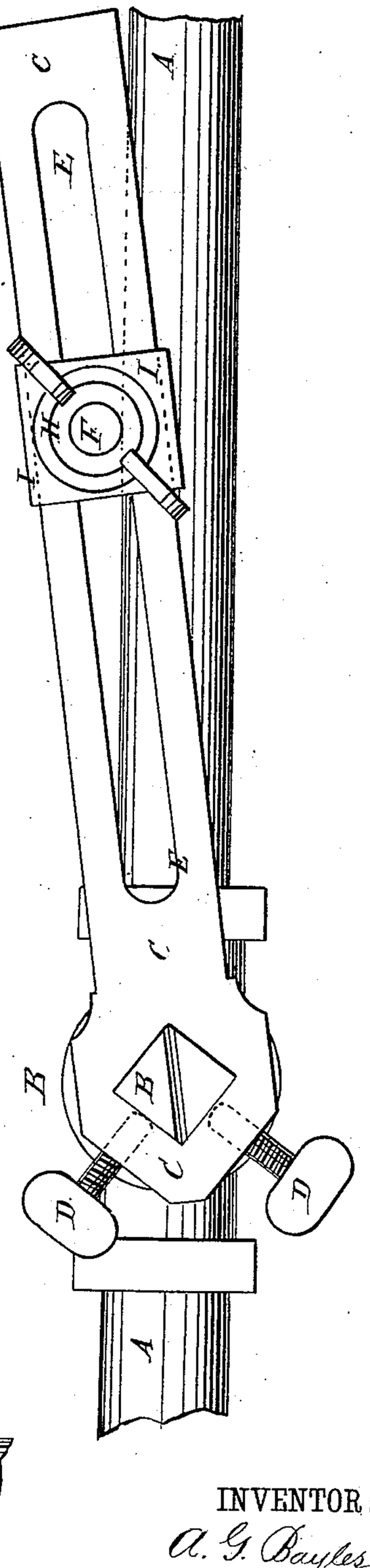


Fig: 2.



WITNESSES:

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ALFRED G. BAYLES, OF NEW YORK, N. Y.

COMBINED WRENCH AND GAGE FOR GAS-SERVICE-PIPE COCKS.

SPECIFICATION forming part of Letters Patent No. 310,019, dated December 30, 1884.

Application filed March 25, 1884. (No model.)

To all whom it may concern:

Be it known that I, ALFRED G. BAYLES, of the city, county, and State of New York, have invented certain new and useful Improvements in a Combined Wrench and Gage for Gas-Service-Pipe Cocks, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a side elevation of my improvement. Fig. 2 is a plan view of the same.

The object of this invention is to promote convenience in controlling the passage of gas to the meter.

The invention consists in a combined wrench and gage for gas-service-pipe cocks constructed with a longitudinal slot in its handle and having a pin secured adjustably in the said slot to adapt the wrench, when applied to a service-pipe cock, to serve as a gage in opening the said cock. The slotted handle of the wrench is provided with a scale of division-marks, so that the adjustable gage-pin can be readily set to prevent the cock from being opened beyond a fixed point, as will be hereinafter fully described.

A represents the service-pipe, leading from the main to the meter, and in which is placed the cock B. The upper end of the plug of the cock B is made square or of polygonal form to fit into a correspondingly-shaped socket in the wrench C. The wrench C is secured in place upon the upper end of the plug of the cock B by one or more set-screws, D, passing in through the sides of the wrench-socket and resting against the sides of the end of the said cock-plug. The handle of the wrench C has a longitudinal slot, E, formed in it to receive the pin F, which has a nut, collar, or shoulder, G, formed upon it to rest against the lower side of the wrench C. Upon the upper end of the pin F is formed a screw-thread to receive a hand-nut, H. Upon the pin F, between the wrench C and the nut H, is placed a washer, I, the ends of which are turned down to overlap the sides of the wrench C, to prevent the said washer from turning and to center the pin F in the slot E. Upon the side of the wrench C is formed, or to it is attached, a scale, J, of division-marks, to facilitate the adjustment of the pin F, so as to admit such a stream of gas to the meter as will supply the number of burners to be used. With this construction the cock can be opened more or less by moving the pin F farther from or closer to the cock B, and will be kept from being opened beyond the desired point by the said pin F coming in contact with the side of the pipe A, so that the said cock can be always opened to exactly the same point, even in the dark.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A combined wrench and gage consisting of a wrench provided with a handle, and a pin mounted at right angles thereto and adapted to slide thereon, whereby the pin, when slid to a certain point, will serve to limit the movement of the wrench by striking against the pipe, substantially as set forth.

2. The combination, with the cock B and the wrench C, having longitudinal slot E, of the adjustable pin F, substantially as herein shown and described, whereby the said wrench can be set to prevent the cock from being opened beyond a fixed point, as set forth.

3. The combination, with the cock B, the wrench C, having longitudinal slot E, and the adjustable pin F, of the scale J, substantially as herein shown and described, whereby the said pin can be readily set to allow the said cock to be opened to a fixed point, as set forth.

ALFRED G. BAYLES.

Witnesses:
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