

E. TOURNÉ.

Device for Regulating the Flow of Gas.

No. 210,226.

Patented Nov. 26, 1878.

Fig. 1.

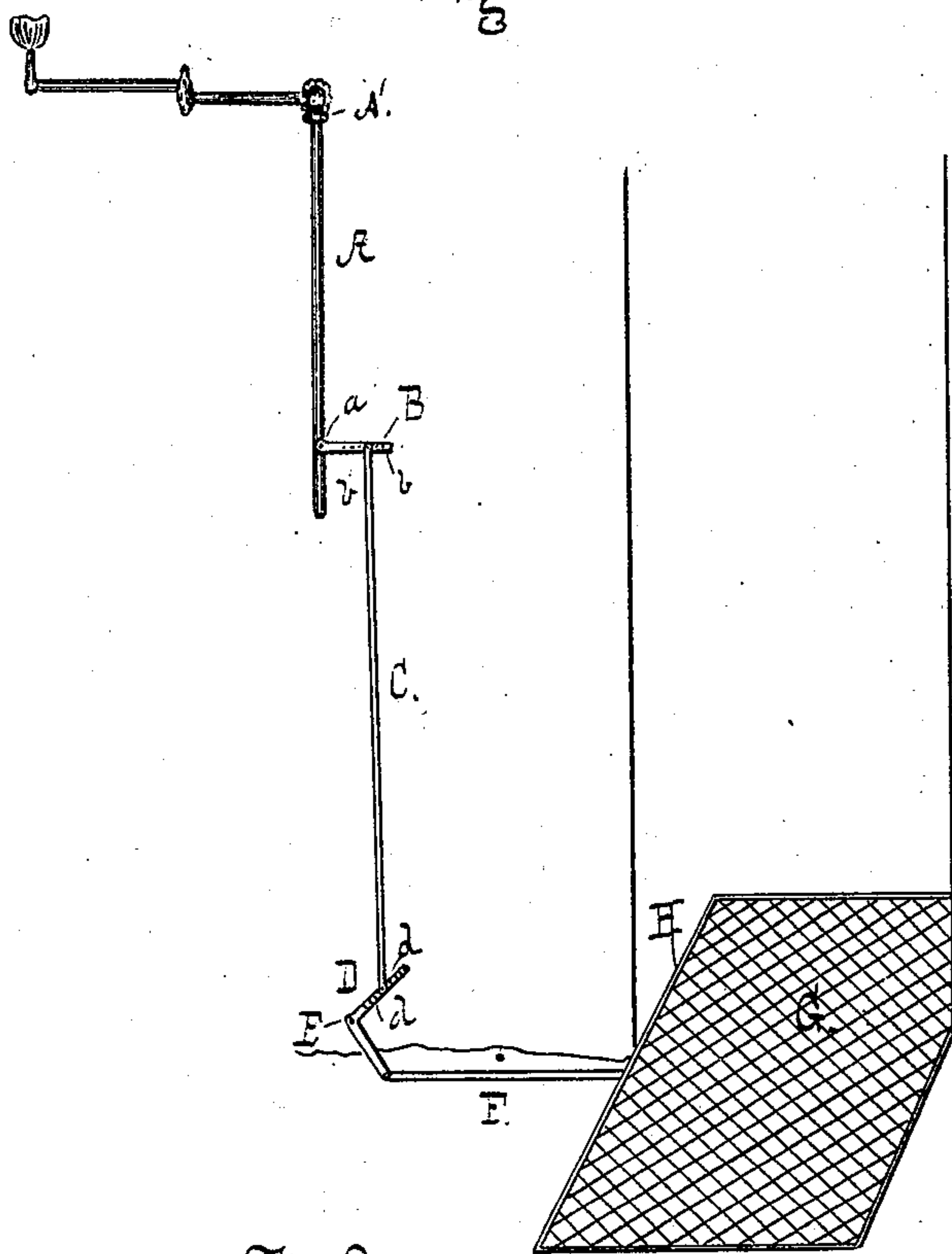
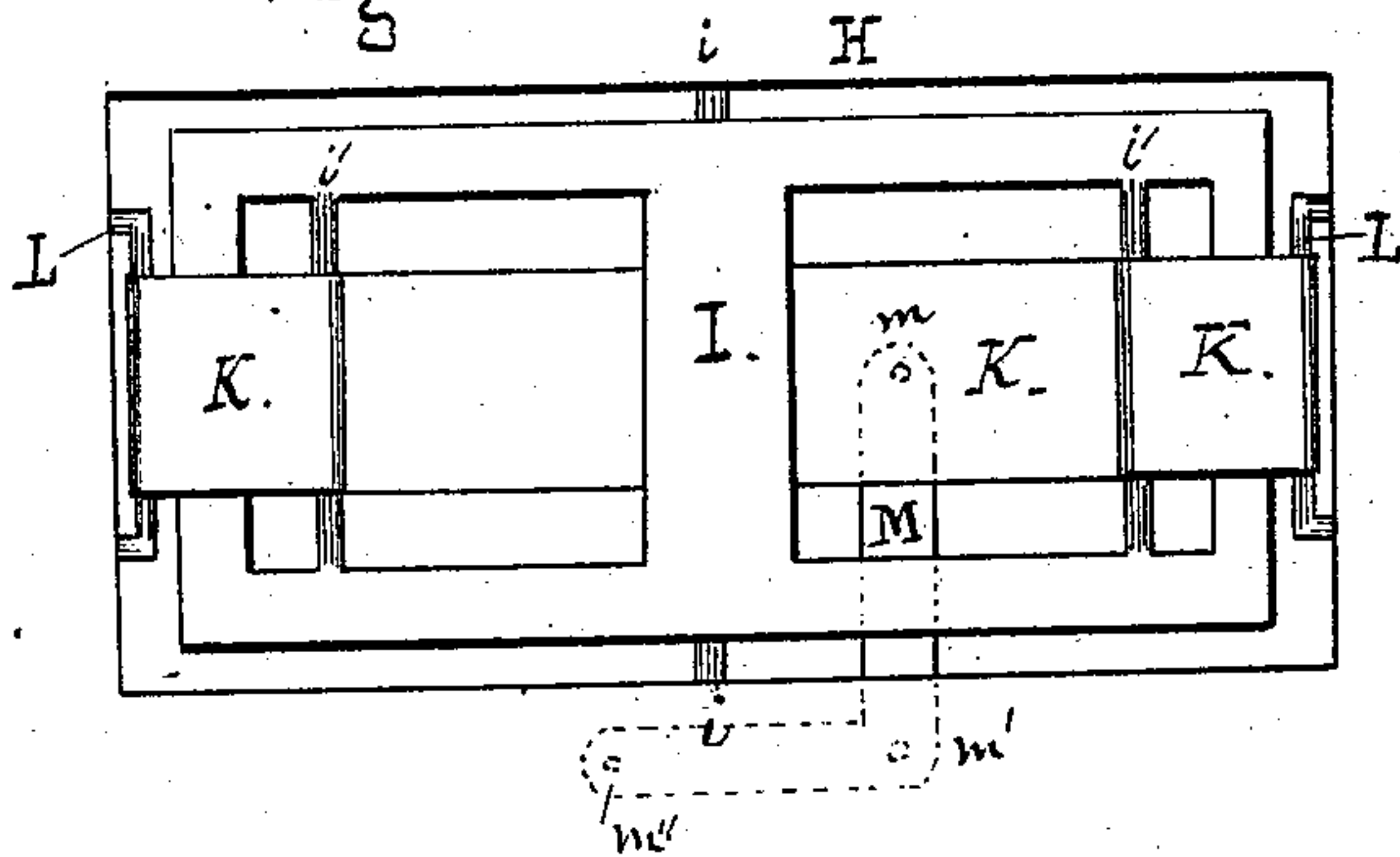


Fig. 2.



Witnesses,

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# UNITED STATES PATENT OFFICE.

EUGÈNE TOURNÉ, OF NEW ORLEANS, LOUISIANA.

## IMPROVEMENT IN DEVICES FOR REGULATING THE FLOW OF GAS.

Specification forming part of Letters Patent No. **210,226**, dated November 26, 1878; application filed February 5, 1878.

*To all whom it may concern:*

Be it known that I, EUGÈNE TOURNÉ, of the city of New Orleans, State of Louisiana, have invented certain new and useful Improvements in Devices for Regulating the Flow of Gas; and I hereby declare the same to be fully, clearly, and exactly described as follows, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of the device; Fig. 2, a plan view of the actuating mechanism, as hereinafter described.

The object of my invention is to furnish a device whereby the flow of gas from a burner is regulated, being wholly or partially cut off and turned on, respectively, by the exit from or entrance into the apartment of an individual, or by his natural motions in leaving or occupying a seat or platform near the burner.

In the accompanying drawings, A represents an ordinary gas-fixture having the usual cock A'. The pipe is furnished with another cock, *a*, having a handle, B, provided with perforations *b b*, as shown. To the handle B is attached, by means of a pin passing through one of the holes, a rod, C, which is similarly attached to a bell-crank lever, D, pivoted at E, and having a series of perforations, *d d*. To the other arm of the lever is secured a rod, F, which is moved by the actuating mechanism under a platform, G, situated in a suitable base, H.

The construction of the said mechanism is shown in detail in Fig. 2, and consists of the following elements: A frame, I, pivoted centrally, or nearly so, at *i i*, supports the platform G, and is provided near either end with a cross-rod, *i'*. A strap, K, is attached to the rods *i'*, being led around bars L secured in the base H, and preferably provided with rollers,

and passes under the frame I. To the strap K a bell-crank lever, M, is attached at *m*, the said lever being pivoted at *m'*, and having the rod F attached at *m''*. As the platform G is tilted longitudinal motion is communicated to the strap K, which, through the intermediate bell-cranks and rods, actuates the cock *a* and regulates the flow of gas.

Obviously the throw of the cock may be regulated as desired by securing the rod C in the appropriate holes in the cock-handle and bell-crank.

In the drawings the device is shown applied to an entrance; but it may be placed in other positions, such as near a desk or chair, as may be desired and convenient. When placed in an entrance, of course, a suitable stop must be provided to prevent the operation of the device at the exit or entrance of each individual.

I am aware that it is not new to actuate the cocks of gas-pipes by means of a tilting platform and intermediate mechanism, and therefore do not claim the same broadly.

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

1. In combination with the platform mechanism and stop-cock, one or more bell-cranks having a series of perforations, as set forth.

2. In combination with the bell-cranks and connecting-rods, the platform G, centrally pivoted, and having flexible strap K and bars L, substantially as described.

In testimony whereof I have hereunto signed my name.

EUGÈNE TOURNÉ.

In presence of—

LOUIS A. WILTZ,  
A. WAGATHA, Jr.