

Specification of Marc Antoine François Mannons : condensation of smoke, &c.;

Contributors

Mennons, Marc Antoine François.

Publication/Creation

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A.D. 1858, 28th APRIL. N° 940.

SPECIFICATION

OF

MARC ANTOINE FRANÇOIS MENNONS.

CONDENSATION OF SMOKE, &c.

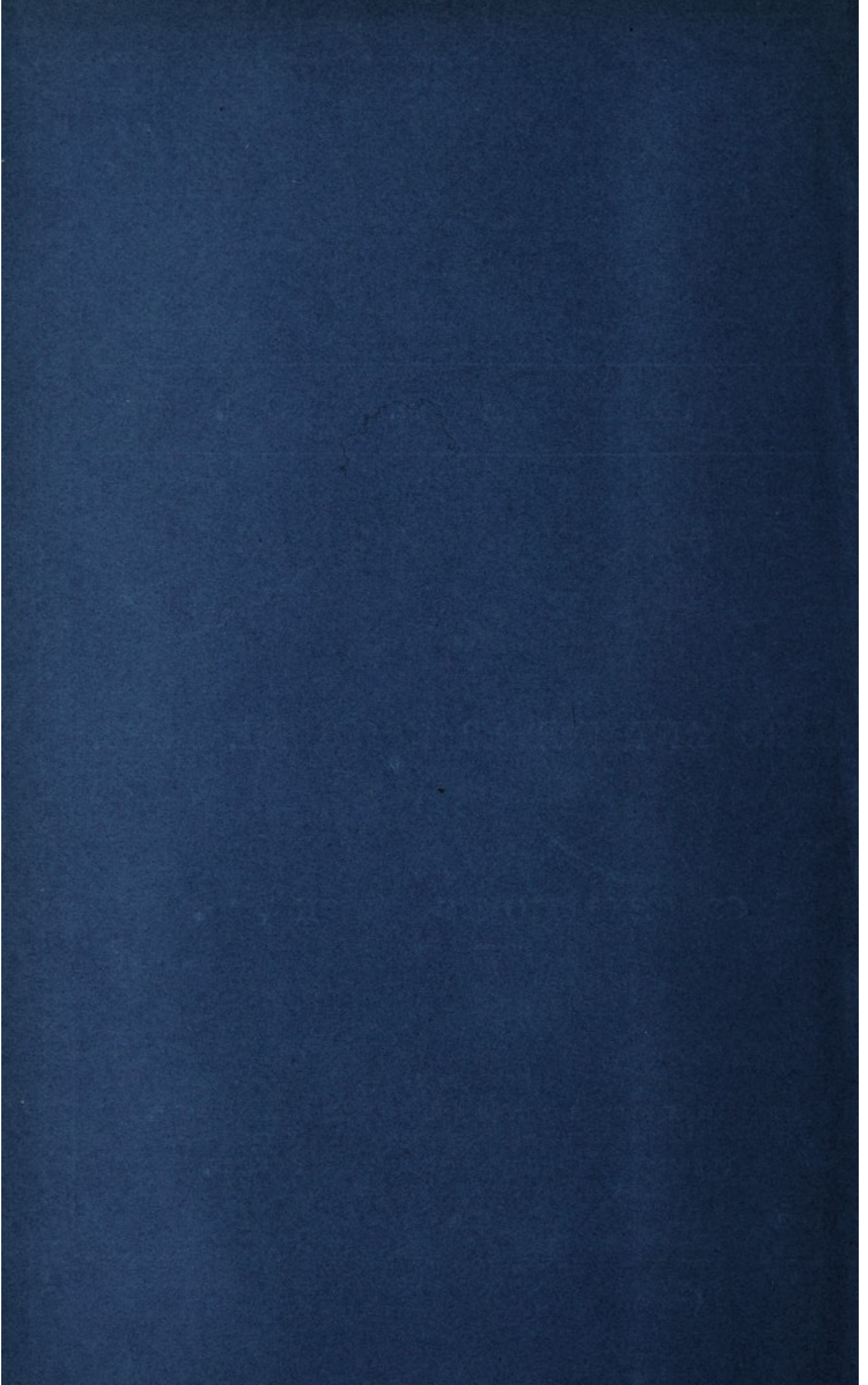
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A.D. 1858, 28th APRIL. N° 940.

Condensation of Smoke, &c.

(This Invention received Provisional Protection, but notice to proceed with the application for Letters Patent was not given within the time prescribed by the Act.)

PROVISIONAL SPECIFICATION left by Marc Antoine François Mennons at the Office of the Commissioners of Patents, with his Petition, on the 28th April 1858.—A communication.

I, MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent
5 Offices, No. 39, Rue de l'Echiquier, Paris, in the Empire of France, do hereby declare the nature of the said Invention for "AN IMPROVED APPARATUS FOR THE CONDENSATION OF SMOKE," a communication, to be as follows:—

This Invention consists in an arrangement of apparatus for the condensation of smoke, and for economising the insoluble gaseous products of combustion.
10 To this end the smoke of the furnace is carried by a pipe into a closed recipient containing the necessary quantity of water, in which are precipitated in transit the solid constituents of the smoke. At the exterior of the recipient, and in communication with it, are mounted two tubes, one within the other, and into the space between these tubes atmospheric air is injected, by means
15 of a ventilator. The smoke is thus forced to pass through the intervening body of water, which takes up the carbonaceous particles, while the insoluble gases, being disengaged, are carried off to the furnace, where they are finally consumed. The same result may be obtained by the injection of steam instead of air into the space between the tubes.

LONDON:

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Printers to the Queen's most Excellent Majesty. 1858.

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