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## On the Use of Hot Air in the Iron Works of England and Scotland: Translated from a Report, Made to the Director General of Mines in France, by M. Dufrenoy, in 1834 (Classic

By Armand Dufrenoy

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from On the Use of Hot Air in the Iron Works of England and Scotland: Translated From a Report, Made to the Director General of Mines in France, by M. Dufrenoy, in 1834 He communicated his ideas to Mr. Macintosh, long known in the scientific world for his spirit of invention. They undertook, in concert with Mr. Wilson, one of the proprietors of the Clyde works, a series of experiments at that establishment, in order to throw some light upon this important question. In the first experiment the air was heated in a kind of rectangular box of sheet iron, ten feet long, four high, and three wide, similar to the boilers of steam engines. The air proceeding from the blowing machine, was introduced into this space, where it was heated, previous to being conveyed into the blast furnace. Notwithstanding the imperfection of this process, which did not admit of the air being heated above 200 Fahr., it became immediately apparent that Mr. Neilson s idea was destined to produce a revolution in the manufacture of...



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