## KAWASAKI STEEL TECHNICAL REPORT

## No.29 ( November 1993 ) Special Issue on Iron Power

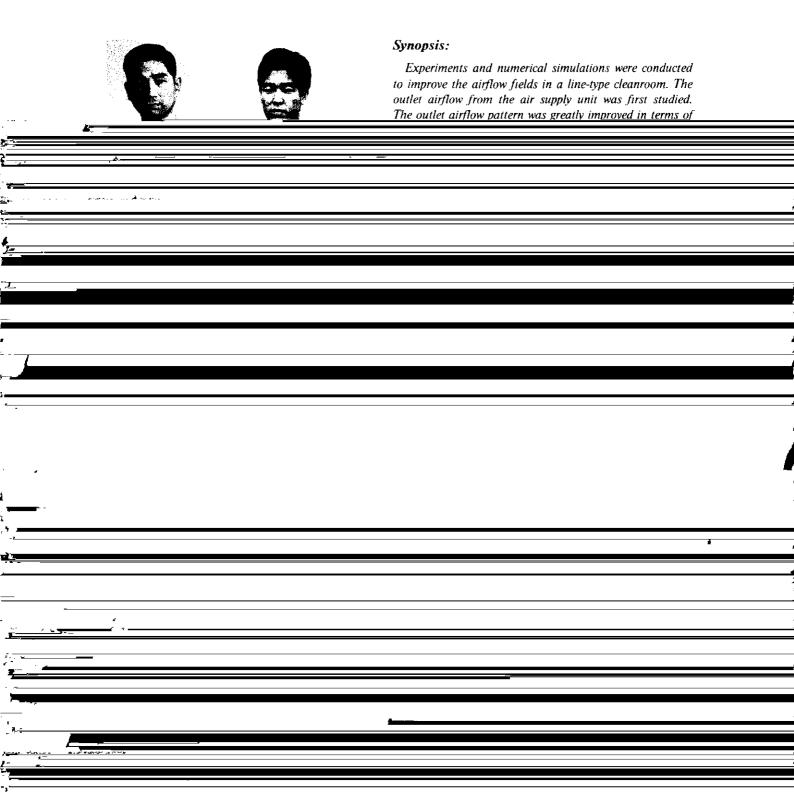
Airflow Fields in Line-Type Cleanroom

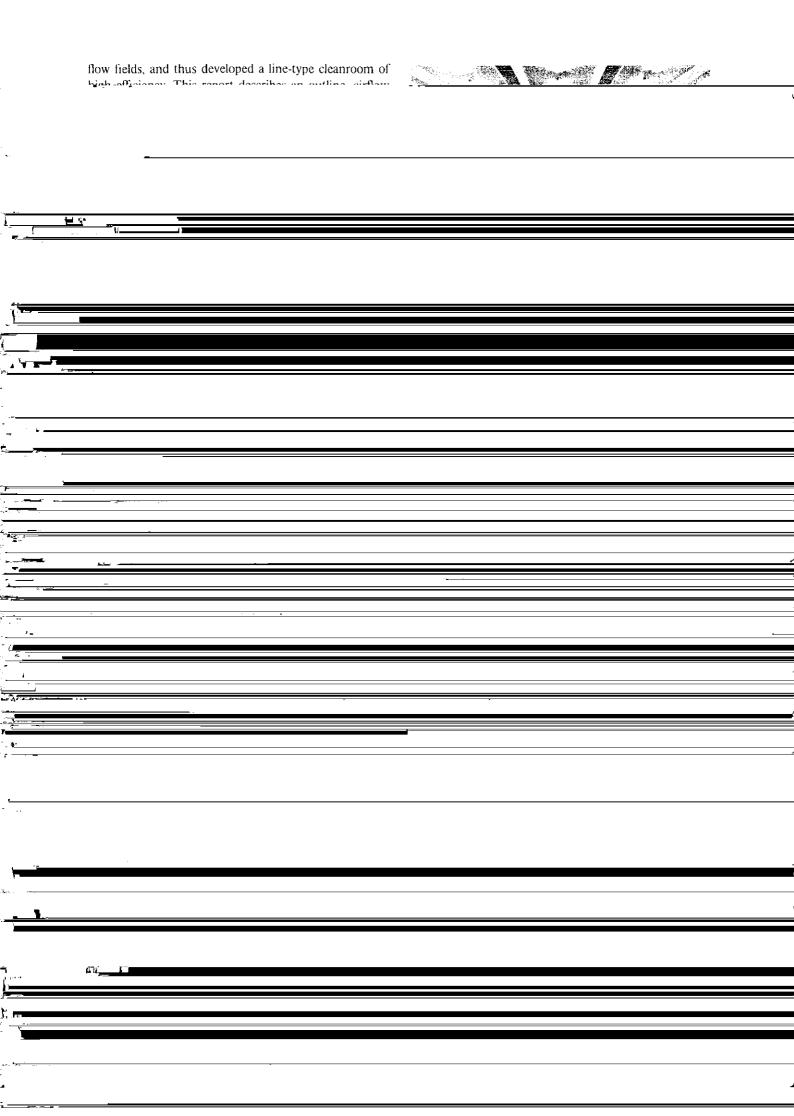
Tsutomu Fujita, Akira Sueda, Hitoshi Ura, Takeshi Shiraishi

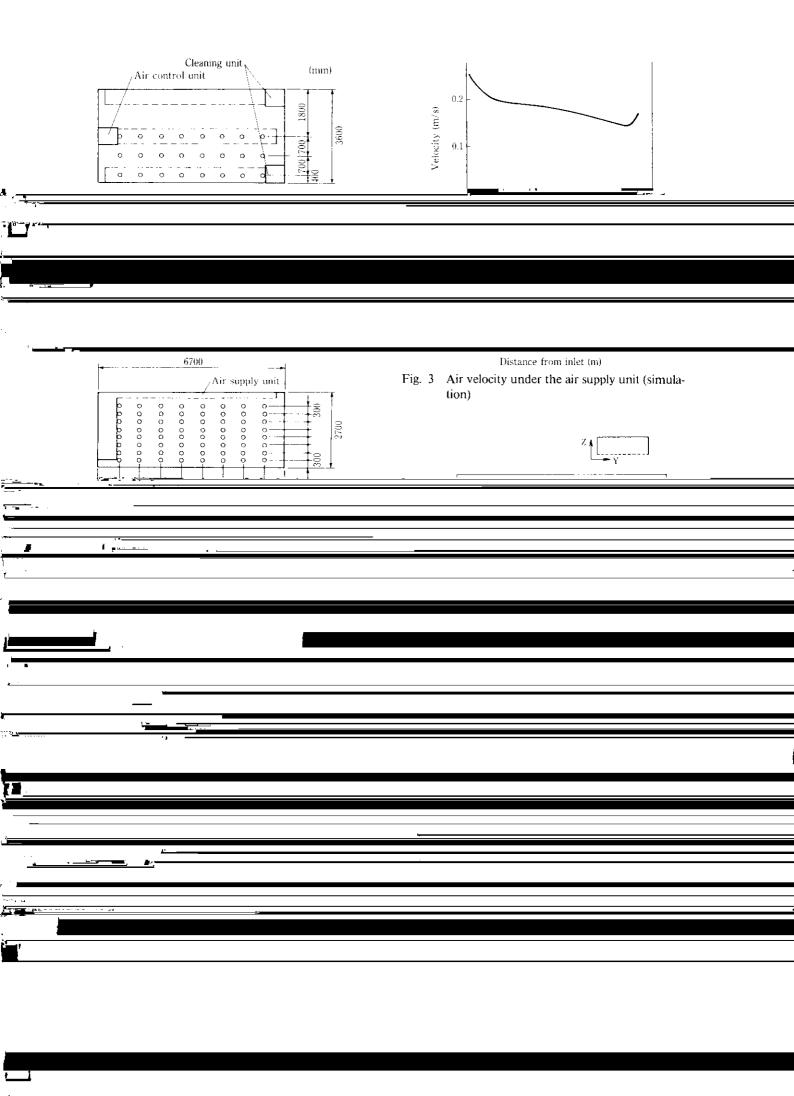
## Synopsis:

Experiments and numerical simulations were conducted to improve the airflow fields in a line-type cleanroom. The outlet airflow from the air supply unit was first studied. The outlet airflow pattern was greatly improved in terms of uniformity by fitting flow

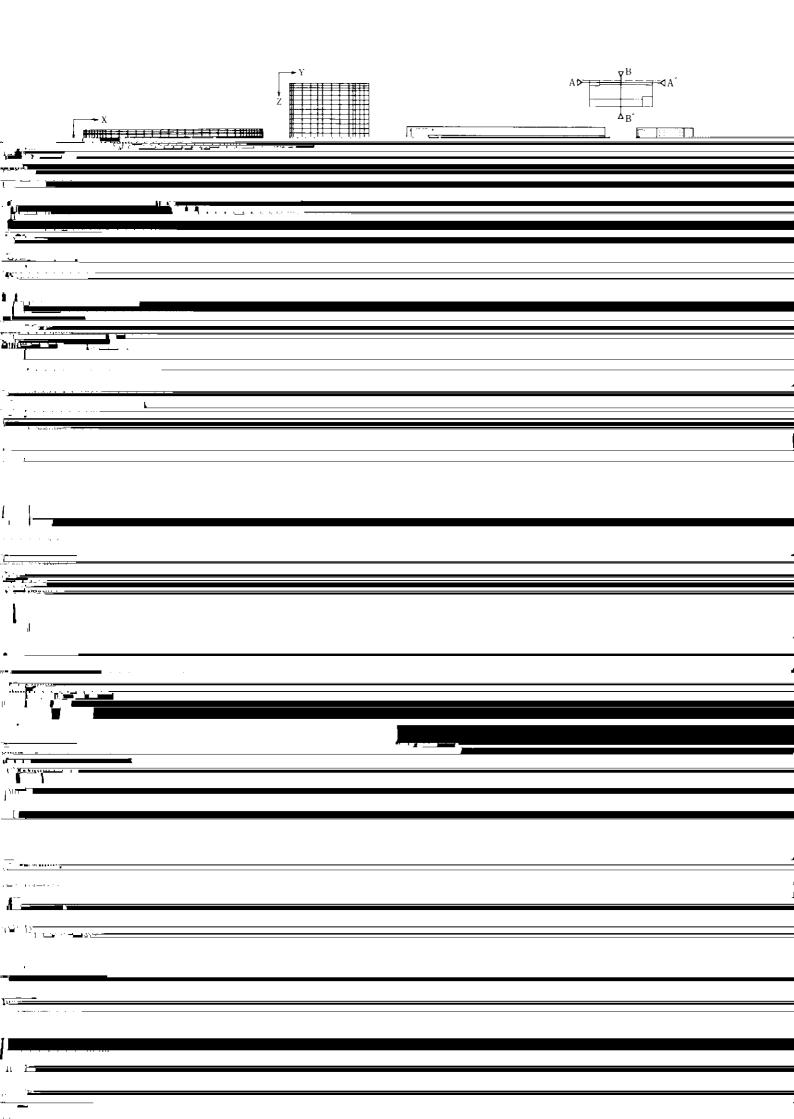
## **Airflow Fields in Line-Type Cleanroom**\*







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	4.1 Experiment 4.1.1 Experimental method  As the first sten the line-type cleancoom shown in	those of the unidirectional flow cleanroom. While the airflow pattern shows an effect of the airflow velocity component in the longitudinal direction of the duct, which is blown out of the supply unit the airflow pat-
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	airflow velocity was reduced because it was far from the	10° E	Particle diameter≥0.5µm	
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