

Essential for the Fabrication of All-Pervasive Integrated Circuits

Registration No.	Number 00022		
Registration Date	October 9, 2008	Registration Category	Category 1

Name (Model, etc.)	Step-and-Repeat System NSR-1505G2A
Location	Shinagawa-ku, Tokyo
	NIKON MUSEUM, NIKON CORPORATION
Owner (Custodian)	NIKON CORPORATION
Manufacturer (Company)	NIKON CORPORATION
Year Manufactured	1984
Year first appeared	
Reason For Selection	This step-and-repeat system is called a stepper and was used on an early fabrication line to produce 256-Kbit ULSI chips. It was employed to manufacture DRAM chips, an area where Japan has a commanding market share, but also played a significant role in making today's complex system ICs practical to manufacture. Japan played a significant worldwide role in the dissemination of computers and all kinds of other digital equipment through the fabrication of ICs through the 1980s, but it was the NSR-1505G2A stepper that made the mass fabrication of complex system VLSIs a practical reality.
Registration Standard	1-B (Show a uniquely Japanese scientific or technological development from an international perspective.)

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