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|---------------------------|--|-----------------------|------------|
| Registration No.          | Number 00022   |                       |            |
| Registration Date         | October9,2008  | Registration Category | Category 1 |
| Name<br>(Model, etc.)     | Step-and-Repeat System NSR-1505G2A   |                       |            |
| Location                  | Minato-ku, Tokyo   |                       |            |
|                           | NIKON MUSEUM   |                       |            |
| Owner<br>(Custodian)      | NIKON CORPORATION  |                       |            |
| Manufacturer<br>(Company) | NIKON CORPORATION  |                       |            |
| Year Manufactured         | 1984   |                       |            |
| Reason For Selection      | <p>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.</p> |                       |            |
| Registration Standard     | 1 - B  |                       |            |
| Open/Closed to Public     | Open to Public   |                       |            |
| Photo                     |    |                       |            |
| Other useful information  | Note that the photo is different from the current exhibit. The outer housing is missing, and just the actual equipment is preserved.   |                       |            |