


Plain paper photocopier developed with original Japanese technology

Registration No.	Number 00358		
Registration Date	September 12, 2023	Registration Category	Category 1

Name (Model, etc.)	Canon NP-1100		
Location	Ota-ku, Tokyo		
	Canon Inc.		
Owner (Custodian)	Canon Inc.		
Manufacturer (Company)	Canon Inc.		
Year Manufactured	1970		
Year first appeared	1969		
Reason For Selection	<p>It was one of the first plain paper photocopiers developed with original Japanese technology. The new technology to create an electrostatic latent image with a three-layered photosensitive drum consisting of a conductive substrate, photosensitive layer, and insulating layer was called the New Process (NP) method. The NP photosensitive drum has high visible light sensitivity and durability, enabling a reduction in the size of the light source and the adoption of cleaning blades. Furthermore, magnetic brush development was adopted instead of conventional cascade development. It is historically significant as a new plain paper photocopier created with original Japanese technology at a time when the world photocopier market was dominated by the technology of U.S.-based Xerox Corporation.</p>		
Registration Standard	1-B (Show a uniquely Japanese scientific or technological development from an international perspective.)		

Open/Closed to Public	Closed to Public		
Photo			
Other useful information			