

Japanese Phototelegraphic System Offering World-class Performance

Registration No.	Number 00230		
Registration Date	September 12, 2017	Registration Category	Category 2

Name (Model, etc.)	Portable NE-type phototelegraphic system (facsimile machine)		
Location	Ichikawa City, Chiba Prefecture		
	Postal Museum Japan Research and Documentation Centre		
Owner (Custodian)	JAPAN POST HOLDINGS Co.,Ltd.		
Manufacturer (Company)	Nippon Electric Company, Limited		
Year Manufactured	1936		
Year first appeared	1928		
Reason For Selection	This portable NE-type phototelegraphic system (facsimile machine) was developed for use by a newspaper company. The NE device was a simple apparatus that would convert between printed format and electrical signals. Featuring electric apparatus, not pendulum-like apparatus which were the predominant means of synchronizing between sending and receiving machines, the device made it possible to render high-quality photographs using machine that was more compact than models made abroad. The NE device gained recognition after being the only such system to successfully transmit scenes of the Imperial Accession Ceremony of Emperor Hirohito from Kyoto to Tokyo, while all of the models manufactured overseas failed at the task. Invented by Yasujiro Niwa, the NE device is listed as one of Japan's top ten major inventions as selected by the Japan Patent Office. This device is the oldest example of this particular design now in existence, and is historically significant because it reflects the distinctive nature of scientific and technological development in Japan.		
Registration Standard	1-B (Show a uniquely Japanese scientific or technological development from an international perspective.)		

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Photo	
Other useful information	