

First machine equipped with "F/F engine" widely used globally

Registration No.	Number 00361		
Registration Date	September 12, 2023	Registration Category	Category 1

Name (Model, etc.)	Ricopy FT4060
Location	Ebina-shi. Kanagawa
	Ricoh Company, Ltd.
Owner (Custodian)	Ricoh Company, Ltd.
Manufacturer (Company)	Ricoh Company, Ltd.
Year Manufactured	1982
Year first appeared	1982
Reason For Selection	This was the first machine equipped with the F/F engine, which uses an F drum (highly durable amorphous selenium photoreceptor) and a two-component F developer (carrier with silicone resin coated ferrite particles). Through the development of an electrophotographic imaging system, the company created a compact, high-quality, and highly durable A3-size plain paper copier. In addition to being widely accepted in Japan and abroad, the F drum, which has good spectral sensitivity in the visible range and is highly sensitive and durable, and F developer, which uses a metal azo dye complex for charge control, are significant for having been used in successor models for more than 10 years.
Registration Standard	1-A (Show an important aspect or stage of the development of science and technology.)

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Other useful information	