

Japanese Original Paper Sensing Technology

Registration No.	Number 00151		
Registration Date	September 2, 2014	Registration Category	Category 1

Name (Model, etc.)	Sonic Sheet Tester “ SST ”(SST-110)
Location	Chuo City,Tokyo Metropolis
	NOMURASHOJI CO., LTD.
Owner (Custodian)	NOMURASHOJI CO., LTD.
Manufacturer (Company)	NOMURASHOJI CO., LTD.
Year Manufactured	1984
Year first appeared	1984
Reason For Selection	The Sonic Sheet Tester (SST) is a device that uses ultrasonic to determine the fiber orientation. Previously, destructive testing was used to determine the direction, such as running ink on the surface of the paper; however, measuring the propagation rate of the ultrasonic provided a non-destructive means of assessment. The SST made it possible to control fiber orientation, thereby drastically reducing paper-handling problems, such as mobility inside printers or crumpling when loading. The SST is a Japanese device and was readily adopted by major domestic paper manufacturers due to its very high precision, reproducibility and operability. It was also exported to overseas paper manufacturers. It has since been developed further to include models that are capable of automatic measuring and data processing by computer. Currently, it is widely used around the world.
Registration Standard	1 - B(Show a uniquely Japanese scientific or technological development from an international perspective.) , 1 - C(Contributed to the creation of a new scientific or technological field.)

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