

Humanoid Robots That Function Alongside Human Workers

Registration No.	Number 00227		
Registration Date	September 12, 2017	Registration Category	Category 2

Name (Model, etc.)	HRP-2 PROMET		
Location	Taito-ku, Tokyo		
	KAWADA ROBOTICS CORPORATION		
Owner (Custodian)	KAWADA ROBOTICS CORPORATION		
Manufacturer (Company)	KAWADA INDUSTRIES, INC. (Current KAWADA ROBOTICS CORPORATION) ／ National Institute of Advanced Industrial Science and Technology		
Year Manufactured	2003		
Year first appeared	2003		
Reason For Selection	This humanoid robot was designed to perform work-related tasks. It was developed mainly by the Institute of Advanced Industrial Science and Technology (AIST) and Kawada Industries, under the Humanoid Robotics Project (HRP) sponsored by the Ministry of Economy, Trade and Industry (METI), and enlisted the participation of numerous companies and universities from April 1998 to March 2003. The HRP-2 Promet is capable of actions and functions similar to those of human beings, such as in terms of walking on uneven terrain and getting back to an upright position after falling down. Kawada Industries also developed the NEXTAGE robot which acts as a production line robot that works alongside human employees. It has gone on to become an indispensable robot that delivers greater added value by handling flexible production in terms of varieties of items and varying quantities, cell production manufacturing configurations and otherwise enabling manufacturers to address market needs in a timely manner. This robot is historically significant given that it represents a key step in progress originally made with respect to techniques for developing robots in Japan.		
Registration Standard	1-A (Show an important aspect or stage of the development of science and technology.)		

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