

To make the technologies, patents and other research results, and facilities and equipment of the Japan Atomic Energy Agency (JAEA) widely available to society, we are promoting activities in three areas: “academia-industry collaboration”, “utilization of intellectual property”, and “facility usage”. We are also creating a database of patents and intellectual property information held by the JAEA. The following table is a list of intellectual property (patents in foreign countries) in the fiscal year 2014.

Intellectual Property Held by JAEA Patent Information

Title	Department	R&D Institutes and Centers	Publication Number	Date of Registration
1 USA				
Method for Detecting Fine Particles in Fluid with X-ray	Nuclear Science and Engineering Center, Sector of Nuclear Science Research	Nuclear Science Research Institute	8744042	Jun. 3, 2014
Image Capturing Apparatus, Image Displaying Method and Recording Medium, Image Displaying Program Being Recorded Thereon	Quantum Beam Science Center, Sector of Nuclear Science Research	Kansai Photon Science Institute	8792000	Jul. 29, 2014
Nondestructive Inspection System using Nuclear Resonance Fluorescence	Quantum Beam Science Center, Sector of Nuclear Science Research	Kansai Photon Science Institute	8804911	Aug. 12, 2014
Neutron Detector and Neutron Image Detector with Scintillator	J-PARC Center, Sector of Nuclear Science Research	Nuclear Science Research Institute	8822943	Sep. 2, 2014
Particle Radiation Monitoring Apparatus, Recording Medium to Retain Particle Radiation Monitoring Program, and Particle Radiation Monitoring Method	Takasaki Advanced Radiation Research Institute, Sector of Nuclear Science Research	Takasaki Advanced Radiation Research Institute	8909495	Dec. 9, 2014
Spectroscopic Apparatus	Quantum Beam Science Center, Sector of Nuclear Science Research	Kansai Photon Science Institute	8983032	Mar. 17, 2015
Composite Optical Fiber and Method of Manufacturing the Same	Quantum Beam Science Center, Sector of Nuclear Science Research	Kansai Photon Science Institute	8983255	Mar. 17, 2015
Pixel-Type Two-Dimensional Image Detector	J-PARC Center, Sector of Nuclear Science Research	Nuclear Science Research Institute	8993973	Mar. 31, 2015
2 UK				
Use of Light Emitting Material	Oarai Research and Development Center, Sector of Fast Reactor Research and Development	Oarai Research and Development Center	1757671	Oct. 8, 2014
3 France				
Particle Detector and Neutron Detector that Use Zinc Sulfide Phosphors	J-PARC Center, Sector of Nuclear Science Research	Nuclear Science Research Institute	503801	Jun. 27, 2014
Use of Light Emitting Material	Oarai Research and Development Center, Sector of Fast Reactor Research and Development	Oarai Research and Development Center	1757671	Oct. 8, 2014
Liquid Alkali Metal Dispersed with Nanoparticles and Method of Manufacturing the Same	Oarai Research and Development Center, Sector of Fast Reactor Research and Development	Oarai Research and Development Center	1151588	Dec. 26, 2014
4 Germany				
Use of Light Emitting Material	Oarai Research and Development Center, Sector of Fast Reactor Research and Development	Oarai Research and Development Center	602005044870.5	Oct. 8, 2014
Material for Nuclear Fusion Reactor Excellent in High Temperature Characteristics Comprising Beryllium Intermetallic Compound	Oarai Research and Development Center, Sector of Nuclear Science Research	Oarai Research and Development Center	1494244	Jan. 7, 2015
5 China				
Polymer Electrolyte Membrane Comprising Alkylether Graft Chain and Method of Producing the Same	Quantum Beam Science Center, Sector of Nuclear Science Research	Takasaki Advanced Radiation Research Institute	ZL201010109458.2	Apr. 9, 2014
Method for Extracting and Separating Rare Earth Elements	Nuclear Science and Engineering Center, Sector of Nuclear Science Research	Nuclear Science Research Institute	ZL201010278408.7	Aug. 27, 2014
Image Capturing Apparatus, Image Displaying Method and Recording Medium, Image Displaying Program Being Recorded Thereon	Quantum Beam Science Center, Sector of Nuclear Science Research	Kansai Photon Science Institute	ZL201010288859.9	Oct. 15, 2014
Composite Optical Fiber and Method of Manufacturing the Same	Quantum Beam Science Center, Sector of Nuclear Science Research	Kansai Photon Science Institute	ZL201180028326.X	Mar. 25, 2015