

The following are US and International Patents for environmental and radioactive waste treatment processes invented by Mr. Mason, many of which have been commercially implemented.

Patent Number	Title
<b>International Patents (15)</b>	
RU2,216,396	Denitration of Wastes (Federation of Russia), 2003
CN1175429	Pyrolytic Decomposition of Organic Wastes (China), 2004
EP1228513	Process for Treatment of Radioactive Graphite (EU), 2005
DE60024306	Process for Treating Radioactive Graphite (Germany), 2006
JP3840590	Thermal Decomposition of Organic Wastes (Japan), 2006
JP4029320	Single Stage Denitration (Japan), 2009
EP1927997	Steam Reforming Process System for Graphite Destruction and Capture of Radionuclides (EU), 2009
EP1121691	Pyrolytic Decomposition of Organic Wastes (EU), 2009
EP1225973	Single Stage Denitration (EU), 2011
EP1539302	In-Drum Pyrolysis System (EU), 2012
EP1836008	In-Container Mineralization (EU), 2013
EP1917209	Mineralization of Alkali Metals, Sulfur and Halogens (EU), 2015
JP5661672	Method and System for Stabilizing Volatile Radionuclides During Denitration at High Temperatures (Japan), 2015
GB2495791	Graphite Thermal Decontamination with Reducing Gases (GB), 2015
EP1917209	Mineralization of Alkali Metals, Sulfur and Halogens (EU), 2016
Pending	Apparatus and Method for Thermal Treatment of Materials (US)
<b>US Patents (17)</b>	
US5,257,296	Steam Generator Chemical Cleaning Application Process (US), 1993
US5,268,942	Temporary Cooling System and Method for Removing Decay Heat from a Nuclear Reactor (US), 1993
US5,424,042	Apparatus and Method for Processing Wastes (EnviroGlass Vitrification Process-US), 1995
US5,643,350	Waste Vitrification Melter (VE-SKULL Vertical Electrode, Cold-Wall Melter-US), 1997
US5,909,654	Method for the Volume Reduction and Processing of Nuclear Waste (US), 1999
US6,084,147	Pyrolytic Decomposition of Organic Wastes (US), 2000
US6,240,985	Filling Device for Shipping Container (US), 2001

US6,280,694	Single Stage Denitration (US), 2001
US6,625,248	Process for Treatment of Radioactive Graphite (US), 2003
US6,709,586	Dewatering Method and Device (US), 2004
US7,011,800	Single Stage Denitration (US), 2006
US7,476,194	In-Container Mineralization (US), 2009
US7,491,861	In-Drum Pyrolysis System (US), 2009
US7,531,152	Mineralization of Alkali Metals, Sulfur and Halogens (US), 2009
US7,763,219	In-Drum Pyrolysis System (US), 2010
US9,040,014	Graphite Thermal Decontamination with Reducing Gases (US), 2015
US10,593,437	Method for Treatment of Radioactive Organic Waste (US), 2020
Pending	Apparatus and Method for Thermal Treatment of Materials (US)