

# EPA Patents

## Miscellaneous Areas of Environmental Expertise & Invention

Patent #	Patent Title	Issue Date
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### *Ecological Research*

12/172519 pat. pend.	Microorganism Discriminator and Method	N/A
11/695432 pat.pend.	Systems and Methods for Concentrating Substances in Fluid Samples	N/A
10/147322 pat. pend.	Detection of Microsporidial Species Using a Quantitative Real-Time PCR Assay	N/A
8,058,000	Species-Specific Primer Sets and Identification of Species-Specific DNA Sequences Using Genome Fragment Enrichment	11/15/2011
7,715,013	Optical System for Plant Characterization	05/11/2010
7,572,584	Species-Specific Primer Sets and Identification of Species-Specific DNA Sequences Using Genome Fragment Enrichment	08/11/2009
7,388,381	High Resolution Geoelectrical Probe	06/17/2008
7,157,284	Vacuum Distillation Automatic Sampler	01/02/2007
6,670,145	Method for Detection of Total Coliforms and E. Coli	12/30/2003

### *Economics & Decision Sciences*

10/456615 pat. pend.	Resource Management Planning	N/A
10/456438 pat. pend.	Resource Management Planning	N/A
10/455914 pat. pend.	Resource Management Planning	N/A

### *Human Health*

10/663561 pat. pend.	Detecting Hormonally Active Compounds	N/A
10/657249 pat. pend.	Stabilized Enzymes for Detecting and Monitoring Chemical Toxins	N/A
10/264321 pat. pend.	Genetic Testing for Male Factor Infertility	N/A



10/147322 pat. pend.	Detection of Microsporidial Species Using a Quantitative Real-Time PCR Assay	N/A
8,497,135	Diagnostic Kits to Detect SP22 and SP22 Antibodies	07/30/2013
8,012,932	Contraceptives Based on SP22 and SP22 Antibodies	09/06/2011
7,754,212	Contraceptives Based on SP22 and SP22 Antibodies	07/13/2010
7,659,067	Method of Identification for Medically Relevant Fungi	02/09/2010
7,335,307	Method for Removing contaminants from Water Using Ruthenium Based Contaminant Sorbents and Oxidizers	02/26/2008
7,211,255	Contraceptives Based on SP22 and SP22 Antibodies	05/01/2007
6,965,016	Method for Evaluating and Affecting Male Fertility	11/15/2005
6,670,145	Method for Detection of Total Coliforms and E. Coli	12/30/2003
6,387,652	Method of Identifying and Quantifying Specific Fungi and Bacteria	05/14/2002
6,306,621	Membrane Filter Agar Medium for Simultaneous Detection of Total Coliforms and E. Coli	10/23/2001
6,238,899	Method and Apparatus for Altering Ionic Interactions with Magnetic Fields	05/29/2001
6,197,940	Method for Evaluating and Affecting Male Fertility	03/06/2001
5,919,679	Method and Apparatus for Altering Ionic Interactions with Magnetic Fields	07/06/1999

## *Manufacturing*

13/291448 pat. pend.	Green Synthesis of Nanometals Using Plant Extracts and Use Thereof	N/A
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