

Edgewood Chemical Biological Center Patents List

<u>Issue Date</u>	<u>Number</u>	<u>Title</u>
6/28/2005	6,910,445	System and method for containment and testing of extremely toxic substances
5/24/2005	6,897,032	Method for detecting G- and V-agents of chemical warfare and their degradation products
4/26/2005	6,884,588	Nucleotide sequences for detection of bacillus anthracis
4/19/2005	6,881,383	Explosive destruction system for disposal of chemical munitions
3/8/2005	6,864,056	Method for detecting ribosome inactivating proteins
2/8/2005	6,852,903	Decontamination of chemical warfare agent using a reactive sorbent
1/25/2005	6,846,633	Nucleotide sequences for detection of Bacillus anthracis
1/18/2005	6,844,160	Nucleotide sequences for detection of Bacillus anthracis
1/11/2005	6,841,346	Methods for detecting bacteriophage MS2
1/11/2005	6,840,456	Injection valves
1/4/2005	6,838,277	Furthering the enzymatic destruction of nerve agents
12/7/2004	6,826,783	Chemical/biological helmet
11/30/2004	6,824,984	Nucleotide sequences for detection of bacillus anthracis
11/2/2004	6,811,984	Nucleotide sequences for detection of Bacillus anthracis
10/12/2004	6,802,172	Particle aerosol belt
9/7/2004	6,787,366	Microspot test kit and method for chemical testing
8/31/2004	6,785,125	Force activated switch
8/10/2004	6,773,928	Compositions and methods for enhancing bioassay performance
8/3/2004	6,769,800	Collapsing and telescoping baffles for stirred vessels
7/27/2004	6,766,744	Incendiary device
7/20/2004	6,763,835	Chemical/biological special operations mask

6/1/2004	6,743,947	Electronically stable onium salts and electrolytes containing such
5/4/2004	6,731,804	Thermal luminescence liquid monitoring system and method
4/20/2004	6,723,891	Molybdate/peroxide microemulsions useful for decontamination of chemical warfare agents
4/20/2004	6,722,182	Solid state vapor generator
4/13/2004	6,719,130	Packaging system for a product provided by mixing two or more components
4/6/2004	6,716,450	Enhancing protein activity through nanoencapsulation
4/6/2004	6,715,343	Portable glovebox and filtration system
3/9/2004	6,702,982	Aluminum-lithium alloy
2/10/2004	6,688,032	Rifle-launched non-lethal cargo dispenser
1/6/2004	6,672,217	Pyrotechnic incendiary grenade holding device
1/6/2004	6,672,133	Biological classification system
7/29/2003	6,599,733	Microbial biodegradation of phosphonates
7/8/2003	6,590,375	Device and method for detection and/or inspection of conductive particles using high-voltage field
7/1/2003	6,584,865	Absolute reference aerosol sampler
5/20/2003	6,566,138	Chemical agent simulant training composition
5/6/2003	6,558,946	Automated sample processing for identification of microorganisms and proteins
5/6/2003	6,558,487	Smoke generating compositions and methods of making the same
3/25/2003	6,537,382	Decontamination methods for toxic chemical agents
3/18/2003	6,534,429	Multi-component material for uncooled thermal imaging and graphical method for the determination thereof
2/25/2003	6,523,478	Rifle-launched non-lethal cargo dispenser
2/18/2003	6,521,064	Pyrotechnic burster composition
1/28/2003	6,512,355	Device and method for inspection and detection of a material by observing a high-voltage waveform produced by that material
12/10/2002	6,491,872	Method and system for detecting and recording submicron sized particles
11/26/2002	6,485,686	Method and apparatus for counting submicron sized particles

10/22/2002	6,469,145	One-step purification process for organophosphorus hydrolase enzyme
10/15/2002	6,464,392	Tactical thermal luminescence sensor for ground path contamination detection
9/10/2002	6,448,016	Nucleotide sequences for detection of Bacillus anthracis
8/27/2002	6,441,387	Biological aerosol trigger (BAT)
8/6/2002	6,428,122	Portable glovebox and filtration system
7/16/2002	6,420,181	Field microspot test method for on-site chemical testing
7/2/2002	6,412,945	Non-uniform mask lens
7/2/2002	6,412,416	Propellant-based aerosol generation devices and method
6/25/2002	6,408,915	Apparatus for monitoring the cure profile along a pultrusion die
6/18/2002	6,406,660	Method for producing polymer matrix composites having low volume percentage of reinforcement fiber and controlled thickness
6/11/2002	6,403,329	Methods of detecting methylphosphonic compounds
5/14/2002	6,389,408	Neural network systems for chemical and biological pattern recognition via the Mueller matrix
11/27/2001	6,323,633	Device and method for detection and/or inspection of conductive particles using high-voltage field
11/13/2001	6,316,143	Electrode for rechargeable lithium-ion battery and method of fabrication
7/24/2001	6,266,428	System and method for remote detection of hazardous vapors and aerosols
6/12/2001	6,245,957	Universal decontaminating solution for chemical warfare agents
5/29/2001	6,238,866	Detector for nucleic acid typing and methods of using the same
5/8/2001	6,228,657	Environmental material ticket reader and airborne hazard detection system
5/1/2001	6,224,898	Antimicrobial dendrimer nanocomposites and a method of treating wounds
4/10/2001	6,212,989	High pressure, high temperature window assembly and method of making the same
3/13/2001	6,200,356	Lithium ion secondary electrochemical cell and a method of preventing the electrochemical dissolution of a copper current collector therein
2/20/2001	6,191,696	Alarm system for hand-held chemical monitor
1/23/2001	6,177,266	Rapid identification of bacteria by mass spectrometry
1/23/2001	6,176,239	Advanced chemical-biological mask

1/16/2001	6,174,732	Analytical methodology for qualitative and quantitative determination of chemical agent vapor
1/9/2001	6,170,234	Solid particle aerosol belt and dissemination method
12/12/2000	6,160,255	Laser-based photoacoustic sensor and method for trace detection and differentiation of atmospheric NO and NO.sub.2
12/12/2000	6,158,429	Hood respirator for protection against biological hazards
10/31/2000	6,138,766	Apparatus for preparing and disseminating novel fire extinguishing agents
10/17/2000	6,132,356	Portable system for vapor, aerosol or airborne hazard suppression of hazardous environmental spills
9/19/2000	6,120,238	Method of maneuvering a slipsheeted load and drawbar device therefor
8/29/2000	6,109,185	Anti-armor projectile with autonomous, attachable, precursor warhead
6/27/2000	6,080,566	Enzymatic detoxification of organophosphorus compounds
6/20/2000	6,076,671	Solid particle aerosol belt and dissemination method
6/13/2000	6,074,971	Ceramic ferroelectric composite materials with enhances electronic pro
6/6/2000	6,071,555	Ferroelectric thin film composites made by metalorganic decomposition
5/16/2000	6,063,719	Ceramic ferrite/ferroelectric composite material
5/9/2000	6,060,710	Infrared Mueller matrix detection and ranging system
4/18/2000	6,051,189	System and method for detection, identification and monitoring of submicron-sized particles
4/11/2000	6,047,644	Propellant based aerosol generating device and method of use
3/28/2000	6,043,469	Tailored mesh susceptors for uniform induction heating, curing and bonding
1/25/2000	6,017,750	Hydrolysis and biodegradation of the chemical warfare vesicant agent HT
12/28/1999	6,007,648	Liquid explosive composition
11/30/1999	5,994,067	Method and kit for rapid detection of toxins and bacteria
11/9/1999	5,980,149	Sampling arm coupler
10/26/1999	5,973,464	Intermittent automatic windshield wiper controller
10/12/1999	5,965,823	Specimen holder for thermal mechanical testing machine
10/5/1999	5,963,777	Hypereutectoid and hypoeutectic binary uranium-vanadium alloys

9/28/1999	5,957,131	Biological warfare mask
9/14/1999	5,953,679	Method for recovery and separation of trinitrotoluene by supercritical
8/17/1999	5,939,663	Method for dispersing a jet from a shaped charge liner via a multiple
8/17/1999	5,939,229	Method for determining chemical cross talk or isotopic scrambling induced by analytical procedures
8/10/1999	5,935,862	Microspot test methods and field test kit for on-site inspections of chemical agents
8/10/1999	5,934,380	Apparatus for preparing and disseminating novel fire extinguisher age
8/3/1999	5,932,449	Detection of botulinum toxin
7/27/1999	5,928,927	Enzymatic detoxification of organophosphorus compounds
6/29/1999	5,918,254	Low concentration aerosol generator
5/25/1999	5,906,946	Device and process for detecting discriminating no and no2 from ot
3/23/1999	5,886,256	Ice detection sensor
3/2/1999	5,876,960	Bacterial spore detection and quantification methods
2/2/1999	5,866,073	Detector of halogenated compounds based on laser photofragmentation/fragment stimulated emission
1/26/1999	5,864,767	Chemical biological explosive containment system
1/5/1999	5,856,616	Hand-held temperature programmable modular gas chromatograph
12/8/1998	5,846,893	Thin film ferroelectric composites and method of making
11/10/1998	5,834,477	Opiate analgesic formulation with improved safety
10/20/1998	5,826,214	Hand-held probe for real-time analysis trace pollutants in atmosphere
9/29/1998	5,813,278	Projectile grenade launching system tester
9/22/1998	5,811,059	Automated, on-demand ion mobility spectrometry analysis of gas chromatograph effluents
8/11/1998	5,792,976	Rapidly deployable volume-displacement system for restraining movement
6/9/1998	5,763,737	Acid-catalyzed oxidation of S-(2-diisopropylamino) ethyl methylphosphonate
5/26/1998	5,756,995	Ion interface for mass spectrometer
3/24/1998	5,730,765	Super toxic analytical glove box system

3/17/1998	5,728,927	Controlled multi-purpose chemical agent vapor generator system
2/17/1998	5,719,323	Method of measuring the decomposition of a gaseous material under controlled temperature and time conditions
1/20/1998	5,710,358	Oxidative detoxification of phosphonothiolates and phosphonothioic acids
1/13/1998	5,708,503	Panoramic infrared-imaging spectroradiometer with reverse phase modulation beam broadcasting
12/30/1997	5,703,276	One-window cell for testing passive remote vapor detectors
12/23/1997	5,700,646	Comprehensive identification scheme for pathogens
12/16/1997	5,698,812	Thermite destructive device
11/18/1997	5,689,038	Decontamination of chemical warfare agents using activated aluminum oxide
10/28/1997	5,682,010	Method for creating a one way visible screening smoke
10/14/1997	5,678,243	Process for the in-situ detoxification of aminoalkyl phosphonothiolates by hydrolysis
9/30/1997	5,671,869	Fiber chaff disseminator
9/9/1997	5,665,272	Multifuel combustion engine and use in generating obscurant smoke
8/19/1997	5,659,391	Earth monitoring satellite system with combined infrared interferometry and photopolarimetry for chemical and biological sensing
7/22/1997	5,649,466	Method of rapidly deploying volume-displacement devices for restraining movement of objects
5/20/1997	5,631,469	Neural network computing system for pattern recognition of thermoluminescence signature spectra and chemical defense
5/6/1997	5,627,054	Competitor primer asymmetric polymerase chain reaction
2/25/1997	5,606,111	Apparatus and method for measurement of offgassing rate
10/29/1996	5,569,580	Method for testing the toxicity of chemicals using hyperactivated spermatozoa
10/22/1996	5,568,186	Focal plane filtered multispectral multidetector imager
9/24/1996	5,559,284	Method for determining elongational viscosity and dynamic surface tension in liquid solutions

7/15/2003	6,594,000	Automatic Gain Control System for Use with Multiple Wavelengths	769575 4th year fee window opens: 07/17/2006
4/25/2000	6,054,310	Continuous Fed-Batch Degradation of Decontaminating Solution 2 (DS2)	195113 8th year fee window opens: 04/25/2007
1/27/1999	5,711,916	Air-transportable modular analytical laboratory	657433 8th year fee window opens: 01/27/2005
8/26/1997	5,660,173	Frustum layered canister	175462 8th year fee window opens: 08/26/2004
8/5/1997	5,654,144	Detection of Yersinia	433551 8th year fee window opens: 08/05/2004