

6.5.00

07-03-2000

FORM PTO-1595  
1-31-92

RECORDATION FORM COVER SHEET



PATENTS ONLY

101394145

To the Honorable Commissioner of Patents and Trademarks: Please record the attached documents or copy thereof.

<p>1. Name of conveying party(ies):  Lockheed Martin Idaho Technologies Company</p> <hr/> <p>3. Nature of Conveyance:   <input checked="" type="checkbox"/> Assignment                      <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement              <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other _____</p> <p>Execution Date: <u>September 28, 1999</u></p>	<p>2. Name and address of receiving party(ies):   Name <u>Bechtel BXWT Idaho, LLC</u>  Internal Address: _____  <u>P. O. Box 1625, Idaho Falls, ID 83415-3805</u></p> <p>Street Address: _____</p> <p>City: _____ State: ___ ZIP: _____</p> <p>Additional names(s) and address(es) attached:  <input type="checkbox"/> Yes              <input checked="" type="checkbox"/> No</p>
--	--

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of this application is: \_\_\_\_\_

A. Patent Application No.(s)  
09/243,229

B. Patent No. (s)

Additional numbers attached:  Yes     No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Patricia Butikofer</u></p> <p>Internal Address: <u>Bechtel BWXT Idaho, LLC</u> <u>P. O. Box 1625, Idaho Falls, ID 83415-3805</u></p> <p>Street Address: _____</p> <p>City: _____ State: ___ ZIP: _____</p>	<p>6. Total number of applications and patents involved: <u>[ 1 ]</u></p> <p>7. Total fee (37 CFR 3.41.....) \$ <u>40.00</u></p> <p><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge to Deposit Account</p> <p>8. Deposit Account Number <u>05-0565</u></p>
---	---

07/03/2000 ASCOTT 00000066 050565 09243229  
01 FC:581 40.00 CH

DO NOT USE THIS SPACE

9. Statement and signature.  
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Patricia Butikofer                      Patricia Butikofer                      6-2-00  
Name of Person Signing                      Signature                      Date

Total number of pages including cover sheet, attachments and document [ 3 ]

## PATENT ASSIGNMENT

WHEREAS, LOCKHEED MARTIN IDAHO TECHNOLOGIES COMPANY (hereinafter "LMITCO") a management and operating contractor at the United States Department of Energy Idaho National Engineering and Environmental Laboratory under Contract No. DE-AC07-94ID13223, having changed its name from Lockheed Idaho Technologies Company on June 21, 1996, has been assigned the entire right, title and interest throughout the world (subject to the United States Government retained nonexclusive, nontransferable, irrevocable, paid-up license) in inventions disclosed in United States patents and patent applications listed and described in the attached Schedule A (hereinafter "Subject Inventions");

WHEREAS, Bechtel BWXT Idaho, LLC (hereinafter "BBWI") and the United States Department of Energy have entered into Contract No. DE-AC07-99ID13727 providing for BBWI to assume the management and operating responsibilities at the Idaho National Engineering and Environmental Laboratory;

NOW THEREFORE, for good and valuable consideration, the sufficiency of which is hereby acknowledged, LMITCO hereby assigns and transfers to BBWI, the entire right, title and interest throughout the world in the Subject Inventions and any and all applications for patent, divisions and continuations, substitutes, and reissues of said applications and the entire right, title, and interest in, to and under any and all Letters Patent of the United States and foreign countries that may issue or be granted on said Subject Inventions, subject to the retention by the United States Government of a nonexclusive, nontransferable, irrevocable, paid-up license to practice for or on behalf of the United States the Subject Inventions throughout the world.

LMITCO will sign all lawful papers and will sign all necessary documents which BBWI requests of LMITCO to make this assignment fully effective, including, but not limited to, signing different assignment forms which meet the requirements of certain foreign patent offices.

SIGNED this 20<sup>th</sup> day of September, 1999.

Lockheed Martin Idaho Technologies Company

By:   
Willis Walker, Corporate Secretary

Schedule A

Patent ID	Patent Title	Patent Serial No.	File Date	Inventor	Record Date	Reel No.	Frame No.
LIT-PI-304	Sensor System for Buried Waste Containment Sites	08/925,101	09/08/97	Smith, Ann Marie/ Gardner, Bradley M./ Kostelnik, Kevin M./ Partin, Judy K./ Lancaster, Gregory D./ Pfeifer, M. Catherine	9/8/97	8702	0318
LIT-PI-305	Multi-Layer Waste Containment Barrier	08/925,099	09/08/97	Smith, Ann Marie/ Gardner, Bradley M./ Nickelson, David F.	9/8/97	8704	0045
LIT-PI-313	Method for the Decontamination of Soil Containing Solid Organic Explosives Therein	09/082,421	05/20/98	Radtke, Corey W./ Roberto, Francisco F.	7/24/98	9338	0521
LIT-PI-321	Lightweight Armor System and Process for Producing the Same	09/409,537	09/30/99	Chu, Henry S / Bruck, H. Alan/ Strempek, Gary C / Varacalle, Dominic J. Jr.	In Process	In Process	In Process
LIT-PI-326	Apparatus Configured for Identification of a Material and Method of Identifying a Material	09/205,265	12/03/98	Slater, John M./ Crawford, Thomas M., Frickey, Dean A.	12/3/98	0936	0669
LIT-PI-329	Advanced Neutron Absorber Materials	09/243,229	02/02/99	Branagan, Daniel J / Smolik, Galen R.	2/2/99	9745	0768
LIT-PI-330	Apparatus for the Concurrent Ultrasonic Inspection of Partially Completed Welds	09/066,723	04/23/98	Johnson, John A.	4/23/98	9151	0723
LIT-PI-332	Apparatuses and Methods for Detecting, Identifying and Quantitating Radioactive Nuclei, and Methods of Distinguishing Neutron Stimulation of a Radiation Particle Detector from Gamma-Ray Stimulation of a Detector	09/145,054	09/01/98	Cole, Jerald D./ Drigert, Mark W./ Robert, Edward L./ Ayaainejad, Rahmat	9/1/98	9447	0928
LIT-PI-345	Isobaric Groundwater Well	09/071,070	04/30/98	Hubbell, Joel M./ Sisson, James B.	4/30/98	9139	0590
LIT-PI-358	Apparatus and Method for Measuring and Imaging Traveling Waves	09/112,075	07/08/98	Telschow, Kenneth L./ Deason, Vance A.	7/9/99	9366	0472
LIT-PI-364	Methods and Computer Executable Instructions for Rapidly Calculating Simulated Particle Transport Through Geometrically Modeled Treatment Volumes Having Uniform Volume Elements for Use in Radiotherapy	09/063,736	04/21/98	Frandsen, Michael W./ Wessol, Daniel E./ Wheeler, Floyd J.	7/13/98	9316	0463

PATENT

REEL: 010882 FRAME: 0909

# INEEL

Idaho National Engineering & Environmental Laboratory  
BECHTEL BWXT IDAHO, LLC

P.O. Box 1625  
2525 North Fremont Ave.  
Idaho Falls, Idaho 83415  
(208) 526-0111

June 2, 2000

CCN 00-009654

## BOX ASSIGNMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

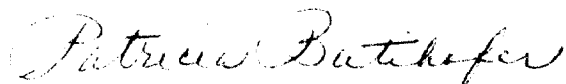
LIT-PI-329, "ADVANCED NEUTRON ABSORBER MATERIALS"

Reference: S/N: 09/243,229  
Filing Date: 02/02/99  
Batch No.: J40

Dear Sir:

Enclosed is an original Patent Assignment, together with a Recordation Form Cover Sheet.

Sincerely,



Patricia A. Butikofer  
Intellectual Property Administrator  
Technology Transfer Office

PB

Enclosures

RECORDED: 06/05/2000

PATENT  
REEL: 010882 FRAME: 0910