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

1. Name of conveying party(ies):

10-20-03

Lockheed Martin Idaho Technologies Company

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other _____

Execution Date: 09/20/1999

2. Name and address of receiving party(ies)

Name: Bechtel BWXT Idaho, LLC

Internal Address: P.O. Box 1625

Street Address: _____

City: Idaho Falls State: ID Zip: 83415-3899

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

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

A. Patent Application No.(s) _____

B. Patent No.(s) 5,535,006

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: IP Legal

Internal Address: Bechtel BWXT Idaho, LLC

P.O. Box 1625

Street Address: _____

City: Idaho Falls State: ID Zip: 83415-3899

6. Total number of applications and patents involved: ☐

7. Total fee (37 CFR 3.41).....\$ 40.00



Enclosed



Authorized to be charged to deposit account

8. Deposit account number:

05-0565

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Mandy Landon

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Mandy Landon

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10/15/03

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Commissioner of Patents & Trademarks, Box Assignments
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REEL: 014601 FRAME: 0340

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 28th day of September, 1999.

Lockheed Martin Idaho Technologies Company

By: Willis Walker
Willis Walker, Corporate Secretary

Tech ID	Patent Title	Issue Date	Patent No.	Inventors	Record Date	Reel No.	Frame No.
598A	A Method for the Purification of Noble Gases, Nitrogen and Hydrogen	09/23/97	5669961	Baker, John D./ Meikrantz, David H./ Tuggle, Dale G.	In Process	In Process	In Process
604	Iron Aluminide Alloy Coatings and Joints, and Methods of Forming	09/27/94	5350107	Wright, Richard N./ Wright, Julie K./ Moore, Glenn A.	In Process	In Process	In Process
606	Calibrated Vapor Generator Source	09/26/95	5452600	Davies, John P./ Larson, Ronald A./ Goodrich, Lorenzo D./ Hall, H. James/ Stoddard, Bill D./ Davis, Sean G./ Conrad, Frank J./ Kaser, Timothy G.	4/10/95	7425	0468
612A	Spray Forming Process for Producing Molds, Dies, and Related Tooling	02/17/98	5718863	McHugh, Kevin M./ Key, James F.	10/7/94	7192	0552
615	Method and Apparatus for Producing Oxygenates from Hydrocarbons	06/27/95	5427747	Kong, Peter C./ Lessing, Paul A.	2/23/95	7358	0225
622	Method for Preparing Membranes with Adjustable Separation Performance	01/31/95	5385672	Peterson, Eric S./ Orme, Christopher J./ Stone, Mark L.	1/23/95	7316	0514
635	Multiple Source/Multiple Target Fluid Transfer Apparatus	08/26/97	5660201	Turner, Terry D.	5/5/97	8491	0724
643A	Method for Enhancing Microbial Utilization Rates of Gases Using Perfluorocarbons	06/10/97	5637449	Turick, Charles E.	4/29/94	7006	0191
645	Method and System for Evaluating Integrity of Adherence of a Conductor Bond to a Mating Surface	07/09/96	5665006	Telschow, Kenneth L./ Silu, Bernard K.	4/26/96	7917	0778
652	Device and Method for Measuring Multi-Phase Fluid in a Conduit Using an Elbow Flow Meter	06/24/97	5641915	Ortiz, Marcos G./Boucher, Timothy J.	4/17/95	7436	0042
652A	Device and Method for Measuring Multi-Phase Fluid Flow in a Conduit Having an Abrupt Bend	02/10/98	5717146	Ortiz, Marcos G.	10/3/96	8207	0622
652B	Device and Method for Measuring Fluid Flow in a Conduit Having a Gradual Bend	11/10/98	5834659	Boucher, Timothy J./ Ortiz, Marcos G.	10/3/96	8250	0886