

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>BATTELLE MEMORIAL INSTITUTE, PACIFIC NORTHWEST DIVISION</td><td>10/17/2011</td></tr></tbody></table>	Name	Execution Date	BATTELLE MEMORIAL INSTITUTE, PACIFIC NORTHWEST DIVISION	10/17/2011							
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BATTELLE MEMORIAL INSTITUTE, PACIFIC NORTHWEST DIVISION	10/17/2011										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>U.S. Department of Energy</td></tr><tr><td>Street Address:</td><td>1000 Independence Ave., SW</td></tr><tr><td>City:</td><td>Washington</td></tr><tr><td>State/Country:</td><td>DISTRICT OF COLUMBIA</td></tr><tr><td>Postal Code:</td><td>20585</td></tr></table>	Name:	U.S. Department of Energy	Street Address:	1000 Independence Ave., SW	City:	Washington	State/Country:	DISTRICT OF COLUMBIA	Postal Code:	20585	
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13246375</td></tr></tbody></table>	Property Type	Number	Application Number:	13246375							
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Application Number:	13246375										
CORRESPONDENCE DATA											
Fax Number: (202)586-7127											
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Total Attachments: 1 source=S-114930 CL#page1.tif											

501716453

PATENT
REEL: 027192 FRAME: 0447

CONFIRMATORY LICENSE
(Nonprofit Organizations or Small Business Forms)

Title: PLANAR HIGH DENSITY SODIUM BATTERY
Inventor(s): JP Lemmon; KD Meinhardt
Serial No.: 13/246,375 File Date (U.S.): 09/27/2011
Contractor: Battelle Memorial Institute, PNWD DOE Case No.: S-114,930
Docket No: 16624-E
DOE Contract No.: DE-AC05-76RL0 1830 Patent Right Clause No.: 1-99

The Contractor, having the right to retain title to subject inventions as a result of Public Law 96-517, has reported the above-identified invention as a subject invention to DOE with its election to retain title thereto.

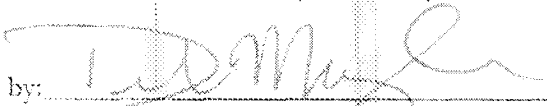
Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up license to practice or to have practiced for or on behalf of the United States. Required by the Public Law and the above-identified contract, in this invention and of all other rights acquired by the Government by the above-identified contract, in this invention and of all other rights clause. It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified invention.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 17th day of October, 2011.

BATTELLE MEMORIAL INSTITUTE, PACIFIC NORTHWEST DIVISION
(Contractor)

by:


Derek H. Maughan, Contracting Officer

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Business Address