

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RICHARD M. PRATT	04/05/2010
DONALD J. HAMMERSTROM	04/05/2010
MICHAEL C.W. KINTER-MEYER	04/05/2010
FRANCIS K. TUFFNER	04/05/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BATTELLE MEMORIAL INSTITUTE
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<b>City:</b>	RICHLAND
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	99354
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15487310
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(503)595-5301
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<b>ATTORNEY DOCKET NUMBER:</b>	23-84271-09
<b>NAME OF SUBMITTER:</b>	MARK W. WILSON
<b>SIGNATURE:</b>	/ Mark W. Wilson /
<b>DATE SIGNED:</b>	05/02/2017
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

WHEREAS, we, Richard M. Pratt, of Richland, Washington; Donald J. Hammerstrom, of West Richland, Washington; Michael C.W. Kintner-Meyer, of Richland, Washington; and Francis K. Tuffner, of Richland, Washington, have invented certain inventions as described in U.S. Patent Application No. 12/755,260, filed on April 6, 2010, entitled "GRID REGULATION SERVICES FOR ENERGY STORAGE DEVICES BASED ON GRID FREQUENCY" (hereinafter the "application").

WHEREAS, Battelle Memorial Institute, a corporation of Ohio, organized and existing under the laws of the State of Ohio, having a place of business in the City of Richland, Washington, is desirous of acquiring an interest in the said inventions and in any patent or any patents to be obtained therefor:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign and transfer to Battelle Memorial Institute, our full and exclusive right, title and interest in and to said inventions, patent application, and patent rights throughout the world, including foreign and U.S. patent priority rights (including, but not limited to, the right to claim priority to the above-referenced patent application), the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said inventions, patent application, and letters patent in this or any foreign country, and all divisions, continuations, reissues, and extensions thereof, to be held and enjoyed by Battelle Memorial Institute, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to Battelle Memorial Institute, or its successors and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid Battelle Memorial Institute, its successors, and assigns to obtain and enforce proper patent protection for said inventions in the United States or any foreign country.



*Donald J. Hammerstrom*

Donald J. Hammerstrom

At Richland, WA  
(City and State)

on this 5<sup>th</sup> day of April, 2010.

STATE OF WASHINGTON )  
 )  
 ) ss.  
COUNTY OF BENTON )

This 5<sup>th</sup> day of April, 2010, before me personally came the above-named Donald J. Hammerstrom, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Donald J. Hammerstrom's own free will for the purpose set forth therein.



[SEAL]

*Darcil Bunten*

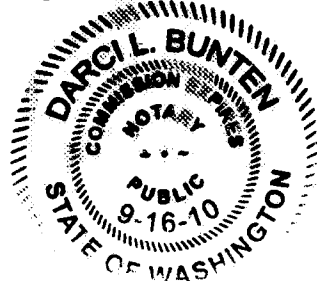
Notary Public for the State of Washington,  
My commission expires: 9/16/10.

At Richland, WA  
(City and State)

on this 5<sup>th</sup> day of April, 2010.

STATE OF WASHINGTON )  
 )  
 ) ss.  
COUNTY OF BENTON )

This 5<sup>th</sup> day of April, 2010, before me personally came the above-named Michael C.W. Kintner-Meyer, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Michael C.W. Kintner-Meyer's own free will for the purpose set forth therein.



[SEAL]

*Darcil Bunten*

Notary Public for the State of Washington,  
My commission expires: 9/16/10.

