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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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

RECEIVING PARTY DATA

Name:	BATTELLE MEMORIAL INSTITUTE
Street Address:	902 BATTELLE BOULEVARD
City:	RICHLAND
State/Country:	WASHINGTON
Postal Code:	99354

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15487310

CORRESPONDENCE DATA

Fax Number: (503)595-5301

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 5035955300

Email: valerie.sullivan@klarquist.com

MARK W. WILSON/KLARQUIST SPARKMAN, LLP **Correspondent Name:**

Address Line 1: 121 SW SALMON ST., SUITE 1600 Address Line 2: ONE WORLD TRADE CENTER Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER:	23-84271-09
NAME OF SUBMITTER:	MARK W. WILSON
SIGNATURE:	/ Mark W. Wilson /
DATE SIGNED:	05/02/2017

Total Attachments: 4

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> PATENT REEL: 042217 FRAME: 0899

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 lesters 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.

We confirm that at the time the inventions were made, we were under an obligation to assign the inventions to Battelle Memorial Institute.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.

At Pickland State) on this 5 day of , 2010.	Richard M. Pratt
STATE OF WASHINGTON)	
COUNTY OF BENTON) ss.	

_, 20 , before me personally came the above-named Richard M. Pratt, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Richard M. Pratt's own free will for the purpose set forth therein.

otary Public for the State of Washington My commission expires:

[SEAL]

	Donald & Thermone Starten
A. Distaland Lilla	Donald J. Hammerstrom
(City and State)	
On this day of , 201	0.
STATE OF WASHINGTON)	
COUNTY OF BENTON)	SS.
This day of Donald J. Hammerstrom, who executes acknowledged to me that this instrume will for the purpose set forth therein.	, 20 /, before me personally came the above-named d the foregoing instrument in my presence, and who nt was executed by Donald J. Hammerstrom's own free
[SEAL]	Notary Public for the State of Washington, My commission expires:
A. Ordan J. Talla	Michael C.W. Kintner-Meyer
(City and State)	
At City and State) on this day of , 201	0,
STATE OF WASHINGTON)	
COUNTY OF BENTON)	SS.
Michael C.W. Kintner-Meyer, who exe	, 20
F. M. 9. 16-10-16 CE MASHING	

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	and the second s
	France Committee
. Piala I II	Francis K. Yuffner
Al Parcel Work With	
At Pion (City and State) on this day of , ,	2010.
STATE OF WASHINGTON	
COUNTY OF BENTON	SS.
singly	
Francis V. Tuffrar who associated the	, 20, before me personally came the above-named
raneis it, rainier, who excedible th	ne foregoing instrument in my presence, and who ment was executed by Francis K. Tuffner's own free will for
the purpose set forth therein.	ment was executed by Francis K. Turmer's own free will for
was purpose set rogar merem.	
	Mari L. Charter
Manning	Notary Public for the State of Washington
35 SUN 75 1/4.	My commission expires:
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[SEAL] FOR CARD TO WELL	
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WILL OF MARCH	
" Million	