

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2715885

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>FANG YANG</td> <td>09/09/2013</td> </tr> <tr> <td>XIANYONG FENG</td> <td>09/18/2013</td> </tr> <tr> <td>ALEXANDRE OUDALOV</td> <td>09/18/2013</td> </tr> <tr> <td>ZHAO LI</td> <td>09/10/2013</td> </tr> <tr> <td>ZHENYUAN WANG</td> <td>09/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	FANG YANG	09/09/2013	XIANYONG FENG	09/18/2013	ALEXANDRE OUDALOV	09/18/2013	ZHAO LI	09/10/2013	ZHENYUAN WANG	09/18/2013
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>ABB RESEARCH LTD.</td> </tr> <tr> <td>Street Address:</td> <td>AFFOLTERNSTRASSE 44</td> </tr> <tr> <td>City:</td> <td>ZURICH</td> </tr> <tr> <td>State/Country:</td> <td>SWITZERLAND</td> </tr> <tr> <td>Postal Code:</td> <td>CH-8050</td> </tr> </table>		Name:	ABB RESEARCH LTD.	Street Address:	AFFOLTERNSTRASSE 44	City:	ZURICH	State/Country:	SWITZERLAND	Postal Code:	CH-8050		
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CORRESPONDENCE DATA													
<p>Fax Number:</p> <p>Phone: 919.948.3390</p> <p>Email: official@mbhiplaw.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: MURPHY, BILAK & HOMILLER/ABB</p> <p>Address Line 1: 8000 REGENCY PARKWAY, SUITE 415</p> <p>Address Line 4: CARY, NORTH CAROLINA 27518</p>													
ATTORNEY DOCKET NUMBER:	1035-0029 / US-13051-OAH												
NAME OF SUBMITTER:	MARK R. BILAK												

Signature:	/Mark R. Bilak, Reg. No. 47,423/
Date:	02/06/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2 source=1035-0029_Assignment#page1.tif source=1035-0029_Assignment#page2.tif	

ASSIGNMENT

For good and valuable consideration, I/we,

Fang Yang, a citizen of China, residing at 1685 Drum Corps Dr., Apt. 15, Menasha, Wisconsin 54952, USA,

Xianyong Feng, a citizen of China, residing at 5214 Woodfield Lake Road, Cary, NC 27518, USA,

Alexandre Oudalov, a citizen of Russia, residing at Badenerstrasse 7A, 5442 Fislisbach, Switzerland,

Zhao Li, a citizen of China, residing at 1685 Drum Corps Dr., Apt. 15, Menasha, Wisconsin 54952, USA,

Zhenyuan Wang, a citizen of the United States of America, residing at 2117 Glade Valley Lane, Morrisville, NC 27560, USA

hereinafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to **ABB Research LTD.** having its principal place of business at Affolternstrasse 44, CH-8050 Zurich, Switzerland, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and

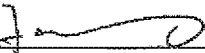
filed on 31 July 2013 as US Serial No. 13/955,575

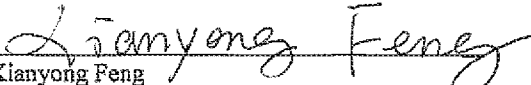
entitled: **Microgrid Energy Management System and Method for Controlling Operation of a Microgrid**


and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

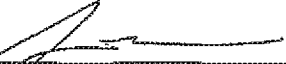
Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

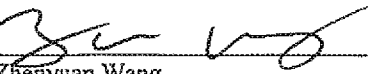
Covenant with said Assignee, it successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

SIGNATURE:  DATE: 9/9/2013
Fang Yang

SIGNATURE:  DATE: 9/18/2013
Xianyong Feng

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Alexandre Oudalov

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