

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5042055

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BABAK PARKHIDEH	01/11/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE
<b>Street Address:</b>	9201 UNIVERSITY CITY BLVD.
<b>City:</b>	CHARLOTTE
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	28223
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16065781
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)341-3098
<i>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.</i>	
<b>Phone:</b>	(408)341-3000
<b>Email:</b>	nancy.pizzo@wbd-us.com
<b>Correspondent Name:</b>	LESTER J. VINCENT
<b>Address Line 1:</b>	WOMBLE BOND DICKINSON (US) LLP
<b>Address Line 2:</b>	P.O. BOX 7037
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30357-0037
<b>ATTORNEY DOCKET NUMBER:</b>	9746P004
<b>NAME OF SUBMITTER:</b>	LESTER J. VINCENT
<b>SIGNATURE:</b>	/LESTER J. VINCENT/
<b>DATE SIGNED:</b>	07/09/2018
<b>Total Attachments: 2</b>	
source=9746P004PCT_Assignment_Univ_NC_Charlotte#page1.tif	
source=9746P004PCT_Assignment_Univ_NC_Charlotte#page2.tif	

**ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: 9746P004PCT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Babak PARKHIDEH

hereby sell, assign, and transfer to The University of North Carolina at Charlotte  
a university of NORTH CAROLINA  
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 9201 University City Blvd., Charlotte, North Carolina,  
28223

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the international patent application entitled  
SYSTEMS AND METHODS FOR ADVANCED GRID INTEGRATION OF DISTRIBUTED  
GENERATORS AND ENERGY RESOURCES

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

International Patent Application Number PCT/US2016/068451 filed December 22, 2016

and in and to said application and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or 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 provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or

improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its 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.

**Each Inventor: Please Sign and Date Below:**

Jan 11, 2011  
Date

  
Signature

Babak PARKHIDEH  
Printed/Typed Name

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
1279 Oakmead Parkway  
Sunnyvale, CA 94085-4040  
(408) 720-8300