

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3664883

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOSEPH W. FORBES JR.	11/05/2013
RECEIVING PARTY DATA	
Name:	CAUSAM ENERGY, INC.
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State/Country:	NORTH CAROLINA
Postal Code:	27717
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14969890
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<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>	
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ATTORNEY DOCKET NUMBER:	4145-008
NAME OF SUBMITTER:	JINAN GLASGOW
SIGNATURE:	/JiNan Glasgow/
DATE SIGNED:	12/18/2015
Total Attachments: 2	
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT2607568

SUBMISSION TYPE:		NEW ASSIGNMENT
NATURE OF CONVEYANCE:		ASSIGNMENT
CONVEYING PARTY DATA		
Name		Execution Date
JOSEPH W. FORBES JR.		11/05/2013
RECEIVING PARTY DATA		
Name:	CAUSAM ENERGY, INC.	
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PROPERTY NUMBERS Total: 4		
Property Type	Number	
Application Number:	13247844	
Application Number:	13247953	
Application Number:	13247972	
PCT Number:	US2012057880	
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ATTORNEY DOCKET NUMBER:	4204	
NAME OF SUBMITTER:	JINAN GLASGOW	
Signature:	/JiNan Glasgow/	
Date:	11/07/2013	
Total Attachments: 1 source=4204JF3-Assignment-signed#page1.tif		

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PATENT
 REEL: 031564 FRAME: 0853

ASSIGNMENT OF RIGHTS: PATENT APPLICATIONS

Joseph W. Forbes, Jr. ("Assignor"), whose mailing address is 14460 New Falls of the Neuse Rd., Raleigh, NC 27614, is owner of:

"SYSTEMS AND METHODS FOR MICROGRID POWER GENERATION AND MANAGEMENT," as described in the U.S. Patent Application No. 13/247944, filed on 09/28/2011;

"SYSTEMS AND METHODS FOR OPTIMIZING MICROGRID POWER GENERATION AND MANAGEMENT WITH PREDICTIVE MODELING," as described in the U.S Patent Application No. 13/247953, filed on 09/28/2011;

"SYSTEMS AND METHODS FOR MICROGRID POWER GENERATION MANAGEMENT WITH SELECTIVE DISCONNECT," as described in the U.S. Patent Application No. 13/247972, filed on 09/28/2011;

"SYSTEMS AND METHODS FOR OPTIMIZING MICROGRID POWER GENERATION MANAGEMENT WITH SELECTIVE DISCONNECT AND PREDICTIVE MODELING," as described in the U.S. Patent Application No. PCT/US12/57880, filed on 09/28/2012

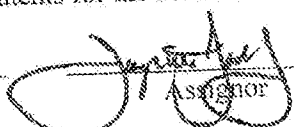
(the "Patent Applications"). Causam Energy, Inc. ("Assignee"), whose mailing address is 14460 New Falls of the Neuse Rd., Suite 149-302, Raleigh, NC 27614, desires to acquire all rights in and to the Patent Applications and the patents (and any reissues or extensions) that may be granted.

Therefore, for valuable consideration, the receipt of which is acknowledged, Assignor assigns to Assignee 100% of his right, title, and interest in the invention and Patent Applications (as well as such rights in any divisions, continuations in whole or part or substitute applications) to Assignee for the entire term of the issued Patents and any reissues or extensions that may be granted and for the entire terms of any and all foreign patents that may issue from foreign applications (as well as divisions, continuations in whole or part or substitute applications) filed claiming the benefit of the Patent Applications.

Assignor authorizes the United States Patent and Trademark Office to issue any Patents resulting from the Patent Application to Assignee according to the percentage interest indicated in this assignment. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this assignment not been made.


Assignor further agrees to: (a) cooperate with Assignee in the prosecution of the Patent Applications and foreign counterparts; (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer; and (c) perform such other acts as Assignee lawfully may request to obtain or maintain the Patents for the inventions in any and all countries.

Date: 11/5/13


Assignor

Title

On this 5th day of November, before me, Sandra C. Lawrence, the undersigned Notary Public, personally appeared Joseph W. Forbes, Jr. ASSIGNOR, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same. WITNESS my hand and official seal in North Carolina County of Wake on the date set forth in this certificate.


Notary Public

Sandra C. Lawrence

RECORDED: 11/07/2013



REEL: 031564 FRAME: 0854

RECORDED: 12/18/2015

PATENT
REEL: 037324 FRAME: 0548