

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSEPH W. FORBES JR.	10/17/2013
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<b>Property Type</b>	<b>Number</b>
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<b>NAME OF SUBMITTER:</b>	JINAN GLASGOW
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<b>DATE SIGNED:</b>	02/02/2015
<b>Total Attachments: 1</b>	
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# 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:

"SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID," as described in the U.S. Patent Application No. 13/906064, filed on 05/30/2013;

"System, method, and apparatus for settlement for participation in an electric power grid," as described in the U.S. Patent Application No. 14/050325, filed on 10/09/2013;

"System, method, and apparatus for electric power grid and network management of grid elements," as described in the U.S. Patent Application No. 14/050328, filed on 10/09/2013;

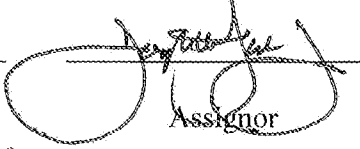
"System, method, and apparatus for settlement for participation in an electric power grid," as described in the U.S. Patent Application No. 14/050329, filed on 10/09/2013

(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.

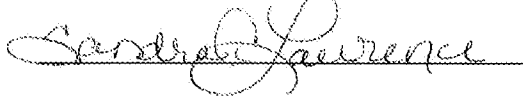
Therefore, for valuable consideration, the receipt of which is acknowledged, Assignor assigns to Assignee 100% of his right, title, and interest in the invention and Patent Applications (as well as such rights in any divisions, continuations in whole or part or substitute applications) to Assignee for 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.

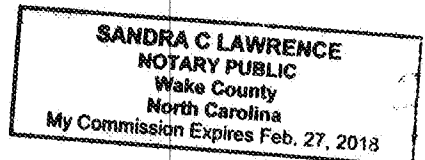
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Assignor further agrees to: (a) cooperate with Assignee in the prosecution of the Patent Applications and foreign counterparts; (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer; 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: 10/17/13  \_\_\_\_\_  
Assignor Title

On this 17<sup>th</sup> day of October, 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



PATENT