

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CAUSAM HOLDINGS LLC	10/25/2013
RECEIVING PARTY DATA	
Name:	CAUSAM ENERGY, INC.
Street Address:	14460 NEW FALLS OF THE NEUSE ROAD
Internal Address:	SUITE 149-302
City:	RALEIGH
State/Country:	NORTH CAROLINA
Postal Code:	27614
PROPERTY NUMBERS Total: 9	
Property Type	Number
Application Number:	13563535
PCT Number:	US2013053095
Application Number:	13659564
PCT Number:	US2013064868
Application Number:	13746733
Application Number:	13757772
Application Number:	13839610
Application Number:	13840128
Application Number:	13888839
CORRESPONDENCE DATA	
Fax Number:	
Email:	jinan@trianglepatents.com
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
Correspondent Name:	JINAN GLASGOW

OP \$360.00 13563535

Address Line 1: PO BOX 52546
Address Line 4: DURHAM, NORTH CAROLINA 27717

ATTORNEY DOCKET NUMBER:	4204
NAME OF SUBMITTER:	JINAN GLASGOW
Signature:	/JiNan Glasgow/
Date:	11/07/2013
Total Attachments: 2 source=4204CH-Assignment-signed#page1.tif source=4204CH-Assignment-signed#page2.tif	

ASSIGNMENT OF RIGHTS: PATENT APPLICATIONS

Causam Holdings LLC ("Assignor"), whose mailing address is 14460 New Falls of the Neuse Rd., Raleigh, NC 27614, is owner of:

"SYSTEM, METHOD, AND APPARATUS FOR ELECTRIC POWER GRID AND NETWORK MANAGEMENT OF GRID ELEMENTS," as described in the U.S. Patent Application No. 13/563535, filed on 07/31/2012;

"SYSTEM, METHOD, AND APPARATUS FOR ELECTRIC POWER GRID AND NETWORK MANAGEMENT OF GRID ELEMENTS," as described in the PCT Patent Application No. PCT/US13/53095, filed on 7/31/2013;

"SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID," as described in the U.S. Patent Application No. 13/659564, filed on 10/24/2012;

"SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID," as described in the PCT Patent Application No. PCT/US13/64868, filed on 10/14/2013;

"SYSTEM, METHOD, AND APPARATUS FOR ELECTRIC POWER GRID AND NETWORK MANAGEMENT OF GRID ELEMENTS," as described in the U.S. Patent Application No. 13/746733, filed on 01/22/2013;

"SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID," as described in the U.S. Patent Application No. 13/746703, filed on 01/22/2013

"SYSTEM, METHOD, AND APPARATUS FOR ELECTRIC POWER GRID AND NETWORK MANAGEMENT OF GRID ELEMENTS," as described in the U.S. Patent Application No. 13/757772, filed on 02/02/2013;

"SYSTEM & METHODS FOR ACTIVELY MANAGING ELECTRIC POWER OVER AN ELECTRIC POWER GRID," as described in the U.S. Patent Application No. 13/839610, filed on 03/15/2013;

"SYSTEM & METHODS FOR ACTIVELY MANAGING ELECTRIC POWER OVER AN ELECTRIC POWER GRID AND PROVIDING REVENUE GRADE DATA USABLE FOR SETTLEMENT," as described in the U.S. Patent Application No 13/840128, filed on 03/15/2013;

"SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID," as described in the U.S. Patent Application No. 13/888839, filed on 05/07/2013;

"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

(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

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: 10/25/13

[Signature]
Assignor

PRESIDENT & MANAGER
Title

On this 25th 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.

[Signature]

Notary Public

Sandra C. Lawrence

