507229798 04/13/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSEPH W. FORBES JR.	06/03/2014

RECEIVING PARTY DATA

Name:	CAUSAM ENERGY, INC.	
Street Address:	14460 NEW FALLS OF THE NEUSE ROAD, SUITE 149-302	
City:	RALEIGH	
State/Country:	NORTH CAROLINA	
Postal Code:	27614	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17718972

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 9198021124

Email: admin@neoipassets.com

Correspondent Name: NEO IP

Address Line 1: PO BOX 52546

Address Line 4: DURHAM, NORTH CAROLINA 27717

ATTORNEY DOCKET NUMBER:	4204-189	
NAME OF SUBMITTER:	JINAN GLASGOW GEORGE	
SIGNATURE:	/JiNan Glasgow George/	
DATE SIGNED:	04/13/2022	

Total Attachments: 2

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PATENT 507229798 REEL: 059581 FRAME: 0626

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 data packets for messaging for electric power grid elements over a secure internet protocol network," as described in the U.S. Patent Application No. 14/290,598, filed on May 29, 2014;

"Systems and methods for microgrid power generation management with selective disconnect," as described in the U.S. Patent Application No. 14/292,133, filed on May 30, 2014;

"METHOD AND APPARATUS FOR ACTIVELY MANAGING ELECTRIC POWER OVER AN ELECTRIC POWER GRID," as described in the PCT Patent Application No. PCT/US13/46855, filed on June 20, 2013;

"METHOD AND APPARATUS FOR ACTIVELY MANAGING ELECTRIC POWER OVER AN ELECTRIC POWER GRID," as described in the PCT Patent Application No. PCT/US13/50419, filed on July 14, 2013;

"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 July 31, 2014;

"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 October 14, 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.

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.

PATENT REEL: 059581 FRAME: 0627 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: 6/3/2014

Assignor

Title

On this day of Tune, before me, Sandra Clawrence, the undersigned Notary Public, personally appeared Teseph W. Forbes, Te. 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 Novah Cavoling County of Nake on the date set forth in this certificate.

Notary Public

RECORDED: 04/13/2022

Sandra C Lawrence

SANDRA C LAWRENCE
NOTARY PUBLIC
Walla Caunty
North Carolina
My Commission Expires Fab. 27, 2018

PATENT REEL: 059581 FRAME: 0628