

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3311004

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNMENT DOCUMENT #WHEREAS, DUKE ENERGY CORPORATION, A NORTH CAROLINA CORPORATION## previously recorded on Reel 032781 Frame 0418. Assignor(s) hereby confirms the ASSIGNMENT DOCUMENT HAS BEEN CORRECTED TO READ -- WHEREAS, DUKE ENERGY CORPORATION, A DELAWARE CORPORATION## --.

CONVEYING PARTY DATA

Name	Execution Date
STUART LAVAL	04/28/2014
RAIFORD SMITH	04/28/2014

RECEIVING PARTY DATA

Name:	DUKE ENERGY CORPORATION
Street Address:	550 SOUTH TRYON STREET
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28202

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14264757

CORRESPONDENCE DATA

Fax Number: (919)854-1401
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: 9198541400
Email: mdowning@myersbigel.com
Correspondent Name: MYERS BIGEL SIBLEY & SAJOVEC
Address Line 1: 4140 PARKLAKE AVENUE
Address Line 2: SUITE 600
Address Line 4: RALEIGH, NORTH CAROLINA 27612

ATTORNEY DOCKET NUMBER:	9614-39
NAME OF SUBMITTER:	MEREDITH DOWNING
SIGNATURE:	/mld/
DATE SIGNED:	04/15/2015

Total Attachments: 5

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2834468

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STUART LAVAL	04/28/2014
RAIFORD SMITH	04/28/2014
RECEIVING PARTY DATA	
Name:	DUKE ENERGY CORPORATION
Street Address:	550 SOUTH TRYON STREET
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28202
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14264757
CORRESPONDENCE DATA	
Fax Number:	(919)854-1401
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	9198541400
Email:	mdowning@myersbigel.com
Correspondent Name:	MYERS BIGEL SIBLEY & SAJOVEC
Address Line 1:	4140 PARKLAKE AVENUE
Address Line 2:	SUITE 600
Address Line 4:	RALEIGH, NORTH CAROLINA 27612
ATTORNEY DOCKET NUMBER:	9614-39
NAME OF SUBMITTER:	MEREDITH DOWNING
SIGNATURE:	/mld/
DATE SIGNED:	04/29/2014
Total Attachments: 3	
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ASSIGNMENT

THIS ASSIGNMENT, made by us, **Stuart Laval**, a citizen of the United States of America, residing at 355 Olmstead Street, Fort Mill, South Carolina 29708; and **Ralford Smith**, a citizen of the United States of America, residing at 508 Mammoth Oaks Drive, Charlotte, North Carolina 28270;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **METHODS OF PROCESSING DATA CORRESPONDING TO A DEVICE THAT CORRESPONDS TO A GAS, WATER, OR ELECTRIC GRID, AND RELATED DEVICES AND COMPUTER PROGRAM PRODUCTS**, for which an application has been filed, or is being concurrently filed, in the United States Patent and Trademark Office. I hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 14/264,757, filed 04/29/2014) the filing date and application number of said application when known or to file this Assignment concurrently with the application; and

SPH 4/6/15 Delaware RS 3/31/2015 SL 4/6/15

WHEREAS, **DUKE ENERGY CORPORATION**, a ~~North Carolina~~ Delaware Corporation having a principal place of business at 550 South Tryon Street, Charlotte, NC 28202 hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to any and all inventions described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention(s) and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention(s) and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention(s), to testify in any interference or legal proceedings involving said invention(s), to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention(s) in all countries and to vest in the assignee complete title to the said invention(s) and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

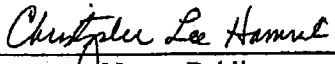
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 28th day of APRIL, 2014.



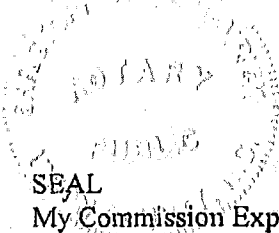
Stuart Laval (SEAL)

STATE OF NORTH CAROLINA)
) ss:
COUNTY OF UNION)

Before me personally appeared the person described in and who executed the foregoing instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein stated, this 28th day of APRIL, 2014.

CHRISTOPHER LEE HAMMICK


Notary Public



SEAL
My Commission Expires: My Commission Expires October 24, 2014

