

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2974697

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHRISTOPHER P. KARDOS	10/26/2010
DARREN D. VARNEY	10/26/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ECOLOGIC ANALYTICS, LLC
<b>Street Address:</b>	1650 W 82ND ST, STE 1100
<b>City:</b>	BLOOMINGTON
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55431
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13912252
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)339-3061
<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>	
<b>Email:</b>	request@slwip.com
<b>Correspondent Name:</b>	SCHWEGMAN LUNDBERG & WOESSNER, P.A.
<b>Address Line 1:</b>	P.O. BOX 2938
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>ATTORNEY DOCKET NUMBER:</b>	2238.005US2
<b>NAME OF SUBMITTER:</b>	ALLISON JOHNSON
<b>SIGNATURE:</b>	/Allison Johnson/
<b>DATE SIGNED:</b>	08/08/2014
<b>Total Attachments: 5</b>	
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RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 2238.005US2

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Christopher P. Kardos, Darren D. Varney

Additional name(s) of conveying party(ies) attached?

Yes  No

3. Nature of conveyance:

Assignment

Merger

Security Agreement  Change of Name

Other

Execution Date: October 26, 2010, October 26, 2010

2. Name and address of receiving party(ies):

Name: Ecologic Analytics, LLC

Street Address: 1650 W 82nd ST, STE 1100

City: Bloomington State: MN Zip: 55431

Country: United States of America

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 13/912,252

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David D'Zurilla

Address:

Schwegman Lundberg & Woessner, P.A.

P.O. Box 2938

Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

Enclosed

Authorized to be charged to deposit account 19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

**DO NOT USE THIS SPACE**

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David D'Zurilla/Reg. No. 36,776

Name of Person Signing

/David D'Zurilla/

Signature

August 8, 2014

Date

Total number of pages including cover sheet: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Mail Stop Assignment Recordation Services

P.O. Box 1450

Alexandria, VA 22313-1450

**PATENT**  
**REEL: 033497 FRAME: 0342**

ASSIGNMENT

WHEREAS, We, Christopher P. Kardos, residing at Center Point, IA, and Darren D. Varney, residing at Maple Grove, MN, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent on August 10, 2010, which application was assigned U.S. patent application serial number 12/854,168, and is entitled METER DATA MANAGEMENT SYSTEMS, METHODS, AND SOFTWARE WITH OUTAGE MANAGEMENT CAPABILITIES;

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Ecologic Analytics, LLC (the "Assignee"), a corporation of the State of Minnesota, having a place of business at 8011 34th Avenue South, Suite 205, Bloomington, MN 55425, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

Additional Application Information

*U.S. Provisional Application Serial No. 61/273,994, filed on August 10, 2009.*

*No International or foreign claim for priority is being made at this time.*

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be

ASSIGNMENT

Assignors: Christopher P. Kardos et al.

Title: METER DATA MANAGEMENT SYSTEMS, METHODS, AND SOFTWARE WITH OUTAGE MANAGEMENT CAPABILITIES

Page 2 of 4

Docket No: 2238 005US1

Serial Number: 12/854,168

made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

ASSIGNMENT

Assignors: Christopher P. Kardos et al.

Title: METER DATA MANAGEMENT SYSTEMS, METHODS, AND SOFTWARE WITH OUTAGE MANAGEMENT CAPABILITIES

Page 3 of 4

Docket No: 2238.005US1

Serial Number: 12/854,168

IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of

October, 20 10.

*Christopher P. Kardos*

Christopher P. Kardos

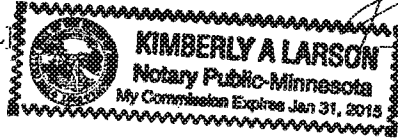
STATE OF Minnesota )

)ss

COUNTY OF Ramsay )

On this 26<sup>th</sup> day of October, 20 10 before me personally appeared Christopher P. Kardos, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



*Kimberly A. Larson*

Notary Public

ASSIGNMENT

Assignors: Christopher P. Kardos et al.

Title: METER DATA MANAGEMENT SYSTEMS, METHODS, AND SOFTWARE WITH OUTAGE MANAGEMENT CAPABILITIES

Page 4 of 4

Docket No: 2238.005US1

Serial Number: 12/854,168

IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of October, 2010



Darren D. Varney

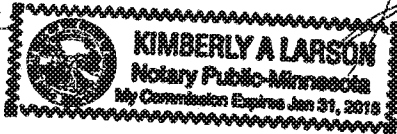
STATE OF Minnesota )

)ss

COUNTY OF Ramsay )

On this 26<sup>th</sup> day of October, 2010 before me personally appeared Darren D. Varney, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL



Notary Public