

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	2

CONVEYING PARTY DATA

Name	Execution Date
LANDIS+GYR TECHNOLOGY, INC.	03/10/2017

RECEIVING PARTY DATA

Name:	LANDIS+GYR INNOVATIONS, INC.
Street Address:	30000 MILL CREEK AVENUE
Internal Address:	SUITE 100
City:	APHARETTA
State/Country:	GEORGIA
Postal Code:	30022

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8996183

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	035361/0295661
NAME OF SUBMITTER:	MELODY WILSON
SIGNATURE:	/Melody Wilson/
DATE SIGNED:	03/15/2017

Total Attachments: 15

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ASSIGNMENT

This Assignment is made by Landis+Gyr Technology, Inc., a corporation of the State of Delaware, having a place of business at 30000 Mill Creek Avenue, Suite 100, Alpharetta, Georgia 30022, hereinafter referred to as "Assignor," to Landis+Gyr Innovations, Inc., a corporation of the State of Delaware, having a place of business at 30000 Mill Creek Avenue, Suite 100, Alpharetta, Georgia 30022, hereinafter referred to as "Assignee,"

WHEREAS, Assignor is the owner of all rights, title and interest in certain Patents and Patent Applications (as defined below);

WHEREAS, Assignor desires to transfer and Assignee is desirous of acquiring such rights, title, and interest in the Patents and Patent Applications;

NOW THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Assignor agrees as follows:

- I. Agrees to assign, transfer, convey, and sell; hereby assigns, transfers, conveys and sells; and has assigned, transferred, conveyed, and sold to Assignee all right, title and interest in and to:
 - (a) the patents and patent applications set forth on the attached Schedule A (hereinafter "the Patents and Patent Applications") and to intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the Patents and Patent Applications, implicitly or explicitly;
 - (b) the Patents and Patent Applications, the right to claim priority to the Patent Applications, all applications based in whole or in part upon the above-referenced Patents and Patent Applications, including, without limitation, all applications that are provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent applications or applications for other rights based in whole or in part on the Patents and Patent Applications;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all Patent Applications or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and
 - (d) all claims for damages by reason of past infringement of any rights under (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use;

ASSIGNMENT

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2. Agrees to authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent applications and patents described in Paragraph 1 of this Assignment.
3. Agrees to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
4. Agrees that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successor, assign and other legal representative, and shall be binding upon Assignor, as well as its successor, assign and other legal representative.
5. Promises and affirms that Assignor has not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

Date: 3/10/17

LANDS+GYR TECHNOLOGY, INC.
(Assignor)
By: David K. Wilson

Name: VP & Secretary
Title: David K. Wilson

UNITED STATES OF AMERICA)
STATE OF Georgia)
COUNTY OF Forsyth)

Before me, a Notary Public in and for the State of Georgia, on this 10th day of March, 2017, personally appeared David Wilson, who being duly sworn, signed and Acknowledged the foregoing Assignment as his/her free act and deed.



Lynn Ann Pistner
NOTARY PUBLIC
My Commission Expires: 11-19-2019

LOWIS+BYE INNOVATIONS, INC.
(Assignee)

Date: 3/10/17

By: David K. Wilson

Name: David K. Wilson

Title: Vice Secretary

UNITED STATES OF AMERICA)
STATE OF Georgia)
COUNTY OF Folsom)

Before me, a Notary Public in and for the State of Georgia on this 10th day of March 2017, personally appeared David Wilson, who being duly sworn, signed and Acknowledged the foregoing assignment as his/her free act and deed.



Lynn A Pitter
NOTARY PUBLIC
My Commission Expires: 11-19-2019

Schedule A

Patent No./Appl. No.	Title	Country	Appl. Date
7,715,951 11/895,909	System and Method for Managing Consumption of Power Supplied by an Electric Utility	USA	08/28/2007
2008296978	System and Method for Active Power Load Management	Australia	08/28/2008
2012200640	Method for Determining Carbon Credits and Apparatus and Systems for Performing Same (Divisional of Australian Pat. Application No. 20088296978)	Australia	02/03/2012
P10816110-0	System and Method for Active Power Load Management	Brazil	02/25/2010
2,696,348	System and Method for Active Power Load Management	Canada	02/26/2010
200880113529.7	System and Method for Active Power Load Management	China	04/27/2010
08795673.6	System and Method for Active Power Load Management	European Patent Office	03/05/2010
1278/DELNP/2010	System and Method for Active Power Load Management	India	02/23/2010
5358577 2010-522953	System and Method for Active Power Load Management	Japan	02/26/2010
5613749 2012-260104	System and Method for Active Power Load Management (Divisional of Japanese Pat. Application No. 2010-522953)	Japan	11/28/2012

Patent No./Appl. No.	Title	Country	Appl. Date
10-1277398 10-2010-7006895	System and Method for Active Power Load Management	Korea	03/29/2010
10-2012-7001804	Method for Determining Carbon Credits and Apparatus and System for Performing Same (Divisional of Korean Pat. Application No. 10-2010-7006895)	Korea	01/20/2012
303201 MX/a/2010/002252	System and Method for Active Power Load Management	Mexico	02/25/2010
307722 MX/a/2012/000856	System and Method for Active Power Load Management (Divisional of Mexican Pat. Application No. MX/a/2010/002252)	Mexico	01/18/2012
303903 Appl. #. MX/a/2012/000855	System and Method for Active Power Load Management (Divisional of Mexican Pat. Application No. MX/a/2010/002252)	Mexico	01/18/2012
MX/a/2012/000854	System and Method for Active Power Load Management (Divisional of Mexican Pat. Application No. MX/a/2010/002252)	Mexico	01/18/2012
PCT/US2008/010199 WO/2009/032161 A1	System and Method for Active Power Load Management	PCT	08/28/2008
2010/01965 2010/01965	System and Method for Active Power Load Management	South Africa	03/18/2010
12/001,819	Method and Apparatus for Providing a Virtual Electric Utility	USA	12/13/2007

Patent No./Appl. No.	Title	Country	Appl. Date
2008296979	Method and Apparatus for Providing a Virtual Electric Utility	Australia	08/28/2008
2012230096 2012230096	Method and Apparatus for Providing a Virtual Electric Utility (Divisional of Australian Pat. Application No. 2008296979)	Australia	09/27/2012
PI 0815801-0	Method and Apparatus for Providing a Virtual Electric Utility	Brazil	06/26/2010
2,698,098	Method and Apparatus for Providing a Virtual Electric Utility	Canada	02/26/2010
200880113530.X CN 101842801A	Method and Apparatus for Providing a Virtual Electric Utility	China	04/27/2010
08795674.4 EP 2193497 A1	Method and Apparatus for Providing a Virtual Electric Utility	European Patent Office	03/10/2010
1583/DELNP/2010	Method and Apparatus for Providing a Virtual Electric Utility	India	03/08/2010
5324579 2010-522954	Method and Apparatus for Providing a Virtual Electric Utility	Japan	02/26/2010
10-2010-7006801	Method and Apparatus for Providing a Virtual Electric Utility	Korea	03/29/2010
341646 MX/a/2010/002325	Method and Apparatus for Providing a Virtual Electric Utility	Mexico	02/26/2010

Patent No./Appl. No.	Title	Country	Appl. Date
WO 2009/032162A1 PCT/AUS2008/010200	Method and Apparatus for Providing a Virtual Electric Utility	PCT	08/28/2008
2010/01968	Method and Apparatus for Providing a Virtual Electric Utility	South Africa	03/18/2010
8,010,812 12/715,124	Method and Apparatus for Actively Managing Consumption of Electric Power Supplied By One or More Electric Utilities (Divisional of U.S. Pat. Application Serial No. 11/895,909)	USA	03/01/2010
8,307,225 13/172,261	Method and Apparatus for Actively Managing Consumption of Electric Power Supplied By One or More Electric Utilities (Continuation of U.S. Pat. Application Serial No. 12/715,124)	USA	06/29/2011
8,032,233 12/715,195	Method and Apparatus for Actively Managing Consumption of Electric Power Supplied by an Electric Utility (Divisional of U.S. Pat. Application Serial No. 11/895,909)	USA	03/01/2010
8,315,717 13/172,389	Method and Apparatus for Actively Managing Consumption of Electric Power Supplied by an Electric Utility (Continuation of U.S. Pat. Application Serial No. 12/715,195)	USA	06/29/2011
8,396,606 12/775,979	System and Method for Estimating and Providing Dispatchable Operating Reserve Energy Capacity Through Use of Active Load Management	USA	05/07/2010
61/215725	System and Method for Estimating and Providing Dispatchable Operating Reserve Energy Capacity Through Use of Active Load Management	USA	05/08/2009

Patent No./Appl. No.	Title	Country	Appl. Date
9,069,337 13/784,211	System and Method for Estimating and Providing Dispatchable Operating Reserve Energy Capacity Through Use of Active Load Management (Divisional of U.S. Pat. Application Serial No. 12/775,979)	USA	03/04/2013
PCT/US2010/001354 WO 2010/129059 A1	System and Method for Estimating and Providing Dispatchable Operating Reserve Energy Capacity Through Use of Active Load Management	PCT	05/07/2010
2010245273	System and Method for Estimating and Providing Dispatchable Operating Reserve Energy Capacity Through Use of Active Load Management	Australia	11/11/2011
2,761,038	System and Method for Estimating and Providing Dispatchable Operating Reserve Energy Capacity Through Use of Active Load Management	Canada	11/04/2011
2,904,829	System and Method for Estimating and Providing Dispatchable Operating Reserve Energy Capacity Through Use of Active Load Management (Divisional of Canadian Pat. Application No. 2,761,038)	Canada	11/04/2011
10772388.4 EP 2427806 A1	System and Method for Estimating and Providing Dispatchable Operating Reserve Energy Capacity Through Use of Active Load Management	European Patent Office	11/22/2011
8975/DELNP/2011	System and Method for Estimating and Providing Dispatchable Operating Reserve Energy Capacity Through Use of Active Load Management	India	11/17/2011
308393 MX/a/2011/011824	System and Method for Estimating and Providing Dispatchable Operating Reserve Energy Capacity Through Use of Active Load Management	Mexico	11/07/2011
10-1408404 10-2011-7029409	System and Method for Estimating and Providing Dispatchable Operating Reserve Energy Capacity Through Use of Active Load Management	Korea	12/08/2011
6,996183 B2 13/019,867	System And Method For Estimating And Providing Dispatchable Operating Reserve Energy Capacity Through Use Of Active Load Management	USA	02/02/2011

Patent No./Appl. No.	Title	Country	Appl. Date
	(Continuation-in-Part of U.S. Pat. Application 12/715,124; 12/715,195; 12/702,640)		
14/341,982	System And Method For Estimating And Providing Dispatchable Operating Reserve Energy Capacity Through Use Of Active Load Management (Divisional of U.S. Pat. Application No. 13/019,867)	USA	07/28/2014
WO 2012/106431A1 PCT/US12/23488	System And Method For Estimating And Providing Dispatchable Operating Reserve Energy Capacity Through Use Of Active Load Management	PCT	02/01/2012
2012212224	System And Method For Estimating And Providing Dispatchable Operating Reserve Energy Capacity Through Use Of Active Load Management	Australia	02/01/2012
1120130197846	System And Method For Estimating And Providing Dispatchable Operating Reserve Energy Capacity Through Use Of Active Load Management	Brazil	08/02/2013
2826431	System And Method For Estimating And Providing Dispatchable Operating Reserve Energy Capacity Through Use Of Active Load Management	Canada	08/01/2013
12741765.7	System And Method For Estimating And Providing Dispatchable Operating Reserve Energy Capacity Through Use Of Active Load Management	European Patent Office	
2013-552597	System And Method For Estimating And Providing Dispatchable Operating Reserve Energy Capacity Through Use Of Active Load Management	Japan	08/02/2013
327967 MX/a/2013/008835	System And Method For Estimating And Providing Dispatchable Operating Reserve Energy Capacity Through Use Of Active Load Management	Mexico	07/30/2013
340268 MX/a/2014/009754	System And Method For Estimating And Providing Dispatchable Operating Reserve Energy Capacity Through Use Of Active Load Management	Mexico	08/13/2014
12/783,415	System and Method for Determining Carbon Credits Utilizing Two-Way Devices that Report Power Usage Data	USA	05/19/2010

Patent No./Appl. No.	Title	Country	Appl. Date
61/216,712	System and Method for Determining Carbon Credits Utilizing Two-way Devices That Report Power Usage Data	USA	05/20/2009
PCT/US2010/001489	System and Method for Determining Carbon Credits Utilizing Two-Way Devices that Report Power Usage Data	PCT	05/20/2010
2010250121	System and Method for Determining Carbon Credits Utilizing Two-Way Devices that Report Power Usage Data	Australia	11/24/2011
2,762,387	System and Method for Determining Carbon Credits Utilizing Two-Way Devices that Report Power Usage Data	Canada	05/20/2010
10778048.8	System and Method for Determining Carbon Credits Utilizing Two-Way Devices that Report Power Usage Data	European Patent Office	12/19/2011
9447/DELNP/2011	System and Method for Determining Carbon Credits Utilizing Two-Way Devices that Report Power Usage Data	India	12/01/2011
MX/ai/2011/012342	System and Method for Determining Carbon Credits Utilizing Two-Way Devices that Report Power Usage Data	Mexico	11/18/2011
10-2011-7030546	System and Method for Determining Carbon Credits Utilizing Two-Way Devices that Report Power Usage Data	Korea	12/20/2011
10-2013-7012390	System and Method for Determining Carbon Credits Utilizing Two-Way Devices that Report Power Usage Data	Korea	05/14/2013
8855279 12/900,884	Apparatus and Method for Controlling Communications to and from Utility Service Points	USA	10/08/2010
61/278,669	System and Method for Controlling Communications to and From Utility Service Points	USA	10/09/2009
9,305,454 14/444,018	Continuation of Apparatus and Method for Controlling Communications to and from Fixed Position Devices Over A Fixed Bandwidth Communication Link	USA	07/28/2014

Patent No./Appl. No.	Title	Country	Appl. Date
WO 2011/043818A2 PCT/US2010/002709	Apparatus and Method for Controlling Communications to and from Utility Service Points	PCT	10/08/2010
310100 MX/a/2012/004186	Apparatus and Method for Controlling Communications to and from Utility Service Points	Mexico	04/09/2012
2,777,154	Apparatus and Method for Controlling Communications to and from Utility Service Points	Canada	10/08/2010
2010303947	Apparatus and Method for Controlling Communications to and from Utility Service Points	Australia	10/08/2010
10822357.9	Apparatus and Method for Controlling Communications to and from Utility Service Points	Europe	05/09/2012
4083/DELNP/2012	Apparatus and Method for Controlling Communications to and from Utility Service Points	India	05/09/2012
10-1453664 10-2012-7011990	Apparatus and Method for Controlling Communications to and from Utility Service Points	Korea	05/09/2012
8527107 12/898,307	Method and Apparatus for Effecting Controlled Restart of Electrical Service within a Utility Service Area	USA	10/01/2010
61/279,072	Method and apparatus for effecting controlled restart of electrical service within a utility service area	USA	10/15/2009
PCT/US10/02676	Method and Apparatus for Effecting Controlled Restart of Electrical Service within a Utility Service Area	PCT	10/05/2010
318395 MX/a/2012/004312	Method and Apparatus for Effecting Controlled Restart of Electrical Service within a Utility Service Area	Mexico	04/12/2012
2,777,147	Method and Apparatus for Effecting Controlled Restart of Electrical Service within a Utility Service Area	Canada	10/05/2010

Patent No./Appl. No.	Title	Country	Appl. Date
2010307299	Method and Apparatus for Effecting Controlled Restart of Electrical Service within a Utility Service Area	Australia	10/05/2010
10823723.1	Method and Apparatus for Effecting Controlled Restart of Electrical Service within a Utility Service Area	Europe	05/10/2012
4167/DELNP/2012	Method and Apparatus for Effecting Controlled Restart of Electrical Service within a Utility Service Area	India	05/11/2012
10-1345521 10-2012-7012538	Method and Apparatus for Effecting Controlled Restart of Electrical Service within a Utility Service Area	Korea	05/15/2012
8,542,685 12/702,554	System and Method for Priority Delivery of Load Management Messages on IP-based Networks	USA	02/09/2010
61/150949	Method for Priority Delivery of Load Management Messages on IP-Based Networks	USA	209/2009
61/176976	Method For Priority Delivery of Load Management Messages on IP-Based Networks	USA	5/11/2009
PCT/US2010/034395	System and Method for Priority Delivery of Load Management Messages on IP-based Networks	PCT	05/11/2010
2010247777 2010247777	System and Method for Priority Delivery of Load Management Messages on IP-Based Networks	Australia	05/11/2010
2761582	System and Method for Priority Delivery of Load Management Messages on IP-Based Networks	Canada	05/11/2010
313199 MX/A/2011012031	System and Method for Priority Delivery of Load Management Messages on IP-Based Networks	Mexico	05/11/2010
8,131,403 12/702,640	System and Method for Determining and Utilizing Customer Energy Profiles for Load Control for Individual Structures, Devices and Aggregation of Same	USA	02/09/2010

Patent No./Appl. No.	Title	Country	Appl. Date
61/176976	Method For Priority Delivery of Load Management Messages on IP-Based Networks	USA	5/11/2009
PCT/US2010/034247	System and Method for Determining and Utilizing Customer Energy Profiles for Load Control for Individual Structures, Devices and Aggregation of Same	PCT	05/10/2010
8,260,470 12/702,768	System and Method for Selective Disconnection of Electrical Service to End Customers	USA	02/09/2010
61/150,978	Enhancements and Applications of Active Power Load Management Systems and Methods and Virtual Utility Systems and Methods	USA	02/09/2009
61/177,044	Bulk Lift Bag	USA	05/11/2009
PCT/US2010/034409	System and Method for Selective Disconnection of Electrical Service to End Customers	PCT	05/11/2010
8,145,361 12/702,785	System and Method for Manipulating Controlled Energy Using Devices to Manage Customer Bills	USA	02/09/2010
61/150,978	Enhancements and Applications of Active Power Load Management Systems and Methods and Virtual Utility Systems and Methods	USA	2/09/2009
61/177,007	Signaling and Control System and Method for Manipulating Controlled Energy Using Devices to Manage Customer Bills	USA	5/11/2009
PCT/US2010/034418	System and Method for Manipulating Controlled Energy Using Devices to Manage Customer Bills	PCT	05/11/2010

Patent No./Appl. No.	Title	Country	Appl. Date
8,700,187 B2 13/050,595	Method and Apparatus for Actively Managing Consumption of Electric Power Supplied By One or More Electric Utilities Continuation-in-part of U.S. Pat. Application No. 12/783,415	USA	03/17/2011
PCT/US12/29339	Method and Apparatus for Actively Managing Consumption of Electric Power Supplied By One or More Electric Utilities	PCT	03/16/2012
2012246665	Method and Apparatus for Actively Managing Consumption of Electric Power Supplied By One or More Electric Utilities	Australia	03/16/2012
11201302381 19	Method and Apparatus for Actively Managing Consumption of Electric Power Supplied By One or More Electric Utilities	Brazil	09/17/2013
2,826,411	Method and Apparatus for Actively Managing Consumption of Electric Power Supplied By One or More Electric Utilities	Canada	08/01/2013
12774124.7	Method and Apparatus for Actively Managing Consumption of Electric Power Supplied By One or More Electric Utilities	European Patent Office	09/11/2013
Appl. #:	Method and Apparatus for Actively Managing Consumption of Electric Power Supplied By One or More Electric Utilities	Japan	
325381 MX/a/2013/008834	Method and Apparatus for Actively Managing Consumption of Electric Power Supplied By One or More Electric Utilities	Mexico	07/30/2013
9,196,977 13/954,151	Apparatus for use in Wiring a Multi-Configurable Electrical Device During Installation Thereof at a Point of Operation	USA	07/30/2013
14/079,776	Apparatus to Facilitate Testing of an Electrical Device	USA	11/14/2013
6,512,916 09/635,941	Method for Selecting Markets in Which to Deploy Fixed Wireless Communication Systems	USA	08/10/2000

Patent No./Appl. No.	Title	Country	Appl. Date
60/184,733	Fixed wireless communication system and method for selecting markets in which to deploy same	USA	2/23/2000
6,763,250 09/635,942	Rapidly Deployable Fixed Wireless Communication System and Method of Switching During Operation of Same	USA	8/10/2000
60/184,733	Fixed wireless communication system and method for selecting markets in which to deploy same	USA	2/23/2000