

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3485330

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
EDISON GLOBAL CIRCUITS, LLC	07/12/2011

RECEIVING PARTY DATA

Name:	DIANE S. LAKE-TX, LLC
Street Address:	1475 SAWDUST ROAD, APT. 3108
City:	SPRING
State/Country:	TEXAS
Postal Code:	77380

PROPERTY NUMBERS Total: 10

Property Type	Number
Patent Number:	8681463
Application Number:	14413034
Application Number:	14697716
Application Number:	62109349
Application Number:	62134378
Application Number:	62089353
Application Number:	62153975
Application Number:	62153962
PCT Number:	US2011022438
PCT Number:	US2013051450

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: 703-328-7249

Email: TPETERSON@BTC.VACOXMAIL.COM

Correspondent Name: THOMAS L. PETERSON

Address Line 1: 1233 20TH STREET, NW

Address Line 2: SUITE 703

Address Line 4: WASHINGTON, D.C. 20036

PATENT

NAME OF SUBMITTER:	THOMAS L PETERSON
SIGNATURE:	/Thomas L Peterson/
DATE SIGNED:	08/17/2015
Total Attachments: 10 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif source=Assignment#page10.tif	

EDISON GLOBAL CIRCUITS LLC

AMENDED AND RESTATED PATENT COLLATERAL ASSIGNMENT

This COLLATERAL ASSIGNMENT (Collateral Assignment) is executed in duplicate as of July 12, 2011 (Effective Date), by and between **EDISON GLOBAL CIRCUITS LLC**, a Texas limited liability company (Assignor), and **DIANE S. LAKE-TX, LLC**, a Texas limited liability company (Lender).

WITNESSETH:

WHEREAS, Assignor and Lender are parties to a Recapitalization Agreement dated as of the Effective Date (Recapitalization Agreement) pursuant to which Assignor has executed one or more Secured Promissory Notes secured by certain Collateral as set forth in a Security Agreement dated as of the Effective Date; and

WHEREAS, Assignor, as "Debtor" in the Security Agreement and "Maker" in the Secured Promissory Notes, wishes to conditionally assign the Patents defined below to Lender, as "Holder" in the Secured Promissory Notes, as Collateral for the Secured Promissory Notes.

NOW, THEREFORE, in consideration of the foregoing premises, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby agrees with Lender as follows:

1. To secure the complete and timely satisfaction of all Obligations defined in the Security Agreement, Assignor hereby grants, assigns and conveys *nunc pro tunc* to Lender the entire right, title and interest in and to the patent applications and patents listed in Schedule "A" attached hereto, including without limitation all proceeds thereof (such as, by way of example, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all reissues, divisionals, continuations, continuations-in-part, substitutions, reissues, renewals, and extensions thereof (collectively called the "Patents").

2. Assignor covenants and warrants that:

a. The Patents are subsisting and have not been adjudged invalid or unenforceable, in whole or in part;

b. To the best of Assignor's knowledge, each of the Patents is valid and enforceable and Assignor has submitted to the U.S. Patent and Trademark Office all prior art (including public uses and sales) of which it is aware;

c. Assignor is the sole and exclusive owner of the entire and unencumbered right, title and interest in and to each of the Patents, free and clear of any liens, charges and encumbrances, including without limitation pledges, assignments, licenses, shop rights and covenants by Assignor not to sue third persons; and

d. Assignor has the unqualified right to enter into this Collateral Assignment and perform according to its terms.

Assignor does not warrant that the Patents might not be declared invalid if challenged in court.

3. Assignor shall not enter into any agreement (for example, a license agreement) which is inconsistent with Assignor's obligations under this Collateral Assignment, without

Lender's prior written consent, until all of the Obligations shall have been satisfied in full.

4. If, before the Obligations shall have been satisfied in full, Assignor shall obtain rights or become entitled to the benefit of any patent application or patent for any reissue, divisional, continuation, renewal, extension, or continuation-in-part of any Patent or any improvement on any Patent, the provisions of paragraph 1 shall automatically apply thereto and Assignor shall give to Lender prompt notice thereof in writing.

5. Assignor authorizes Lender to modify this Agreement by amending Schedule "A" to include any future patents and patent applications which are comprised in the Patents through the operation of paragraph 1 or of paragraph 4 hereof.

6. Lender hereby grants to Assignor the exclusive, non-transferable right and license under the Patents to make, have made for it, use and sell the inventions disclosed and claimed in the Patents for Assignor's own benefit and account and for none other. Assignor shall not sell or assign its interest in, or grant any sublicense under, the license granted to Assignor in this paragraph 6, without the prior written consent of Lender.

7. Any and all controversies, claims, issues or disputes between or among the parties hereto with respect to or arising out of this Collateral Assignment or the transactions contemplated by this Collateral Assignment, including without limitation any issue with respect to a Default Event, the validity or enforceability of this Collateral Assignment or any breach, misrepresentation or violation with respect to this Collateral Assignment (collectively, a "dispute"), except as otherwise expressly provided herein, shall be exclusively and conclusively resolved in accordance with the provisions of paragraph 6 of the Recapitalization Agreement.

8. If any Default Event, as defined in section 10 of the Security Agreement, shall have occurred and be continuing, providing that Assignor has failed to cure such Default Event within thirty (30) days after Assignor shall have received written notice of the intent of the Lender to declare the Security Agreement to be in default and such Default Event is not a dispute subject to paragraph 7 hereof, Assignor's license under the Patents as set forth in paragraph 6 hereof shall terminate and Lender shall have, in addition to all other rights and remedies given it by this Agreement, those allowed by law and the rights and remedies of a secured party under the Uniform Commercial Code as enacted in any jurisdiction in which the Patents may be located and, without limiting the generality of the foregoing, Lender may, without other notice to Assignor than that set forth in this Collateral Assignment but after public advertisement, sell at public or private sale or otherwise realize upon, in Houston, Texas or elsewhere, the whole or from time to time any part of the Patents, or any interest which the Assignor may have therein, and after deducting from the proceeds of sale or other disposition of the Patents all expenses (including all reasonable expenses for broker's fees and legal services), shall apply the rest of such proceeds toward the payment of Assignor's monetary Obligations. Any remainder of the proceeds after payment in full of such monetary Obligations shall be paid over to Assignor. Notice of any sale or other disposition of the Patents shall be given to Assignor at least thirty (30) days before the time of any intended public or private sale or other disposition of the Patents is to be made, which Assignor hereby acknowledges is reasonable notice of such sale or other disposition. Any such sale or other disposition of the Patents or of any part of the Patents shall, to the extent permissible under applicable law, be free from any right of redemption on the part of Assignor, which right is hereby waived and released.

9. If any Default Event shall have occurred and be continuing without cure,

Assignor hereby authorizes and empowers Lender to make, constitute and appoint any officer or agent of Lender, as Lender may select in its exclusive discretion, as Assignor's true and lawful attorney-in-fact, with the power to endorse Assignor's name on all applications, documents, papers and instruments necessary for Lender to use the Patents, or to grant or issue any exclusive or non-exclusive license under the Patents to any third person, or necessary for Lender to assign, pledge, convey or otherwise transfer title in or dispose of the Patents to any third person, Assignor hereby ratifies all that such attorney shall lawfully do or cause to be done by virtue hereof. This power of attorney shall be irrevocable for the life of this Collateral Assignment.

10. At such time as Assignor shall satisfy all of its Obligations pursuant to the Security Agreement, this Collateral Assignment shall terminate, and title to the Patents shall automatically re-vest in Assignor. Lender shall execute and deliver to Assignor all deeds, assignments and other instruments and perform such other acts as may be reasonably necessary to give Assignor, its successors and assigns, as may be necessary or proper to re-vest in Assignor full title to the Patents, subject to any disposition thereof that may have been made by Lender pursuant hereto.

11. Any and all fees, costs and expenses, of whatever kind or nature, including attorneys' fees, reasonably necessary for maintaining or preserving the Patents, or in defending or prosecuting any actions or proceedings arising out of or related to the Patents, shall be borne and paid by Assignor on demand by Lender and until so paid shall be added to the amount of the Obligations under the Security Agreement and shall bear interest at the highest rate prescribed therein.

12. Assignor shall have the duty, through counsel acceptable to Lender, to prosecute diligently any patent applications of the Patents pending as of the date of this Collateral Assignment or thereafter until the monetary Obligations shall have been paid in full, to make application on unpatented but patentable inventions and to preserve and maintain all rights in patent applications and patents of the Patents, including without limitation the payment of all maintenance fees. Any expenses incurred in connection with such an application shall be borne by Assignor. Assignor shall not abandon any right to file a patent application, or any pending patent application or patent, without the consent of Lender, which consent shall not be unreasonably withheld.

13. Assignor shall have the right, with the consent of Lender, which shall not be unreasonably withheld, to bring suit in its own name, and to join Lender, if necessary, as a party to such suit, to enforce the Patents and licenses thereunder. Assignor shall promptly, upon demand, reimburse and indemnify Lender for all damages, costs and expenses, including legal fees, incurred by Lender pursuant to this paragraph 13.

14. No course of dealing between Assignor and Lender, nor any failure to exercise, nor any delay in exercising, on the part of Lender, any right, power or privilege hereunder or under the Security Agreement shall operate as a waiver thereof; nor shall any single or partial exercise of any right, power or privilege hereunder or under the Security Agreement preclude any other or further exercise thereof or the exercise of any other right, power or privilege.

15. All of Lender's rights and remedies with respect to the Patents, whether established under this Collateral Assignment or by the Security Agreement, or by any other agreements or by law shall be cumulative and may be exercised singularly or concurrently.

16. This Collateral Assignment is subject to modification only by a writing signed by the parties, except as provided in paragraph 5.

17. The benefits and obligations of this Collateral Assignment shall inure to the benefit of and be binding upon the respective successors and permitted assigns of the parties.

18. The validity and interpretation of this Collateral Assignment and the rights and obligations of the parties shall be governed by the laws of the State of Texas without regard to conflict of law principles.

In WITNESS whereof, Assignor and Lender have caused this Collateral Assignment to be executed as of, though not necessarily on, the Effective Date.

EDISON GLOBAL CIRCUITS LLC,
a Texas limited liability company

By: EDISON GLOBAL SERVICES LLC,
Texas limited liability company
Its Manager

By: 
Stephen E. Williams, a Manager

By: 
Ray C. Cole, a Manager

DIANE S. LAKE-TX, LLC,
a Texas limited liability company

By: 
Diane S. Lake, Manager

State of California §
 § ss.
Country of Kern §

On June 17, 2013, before me, Cora Y. Thompson Notary Public, personally appeared Diane S. Lake, who 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 she executed the same in her authorized capacity, and that by her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

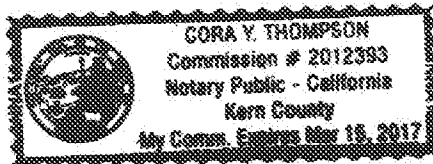
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Notary Seal]

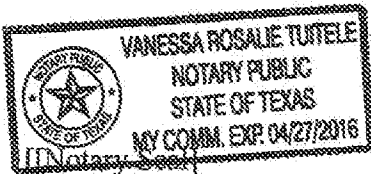
Cora Y. Thompson
Signature

My Commission Expires:



State of Texas §
§
County of Montgomery §

On June 3, 2013, before me, Vanessa Rosalie Tuttle, Notary Public, personally appeared Stephen E. Williams, a Manager of Edison Global Circuits LLC (Assignor), who 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 in his authorized capacity, and that by his signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.



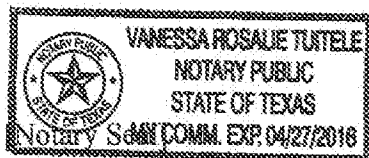
WITNESS my hand and official seal.

Vanessa Rosalie Tuttle
Notary Public in for the State of Texas

My Commission Expires:
04/27/2016

State of Texas §
§
County of Montgomery §

On June 3, 2013, before me, Vanessa Rosalie Tuttle, Notary Public, personally appeared Ray Cole, a Manager of Edison Global Circuits LLC (Assignor), who 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 in his authorized capacity, and that by his signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Vanessa Rosalie Tuttle

Notary Public in for the State of Texas

My Commission Expires:
04/27/2016

Amended Schedule A

To Patent Collateral Assignment dated as of the Effective Date,
between Edison Global Circuits LLC (Assignor) and
Diane S. Lake-TX, LLC (Lender)

Group 1 Patent Applications and Patents

COUNTRY	TITLE	STATUS	APPLICATION NO.	FILING DATE	PATENT NO.	ISSUE DATE
WO	CIRCUIT BREAKER PANEL	Nationalized	PCT/US2011/022438	25-Jan-2011	N/A	N/A
Mexico	CIRCUIT BREAKER PANEL	Granted	MX/a/2012/008468	20-Jul-2012	311553	19-Jul-2013
Argentina	CIRCUIT BREAKER PANEL	Withdrawn	P 110101660	13-May-2011		
China	CIRCUIT BREAKER PANEL	Pending	201180007089.9	25-Jul-2012		
India	CIRCUIT BREAKER PANEL	Pending	6394/DELNP/2012	19-Jul-2012		
Indonesia	CIRCUIT BREAKER PANEL	Withdrawn	W00 2012 02883	18-Jul-2012		
Russian Fed	CIRCUIT BREAKER PANEL	Withdrawn	2012131665	24-Jul-2012		
Vietnam	CIRCUIT BREAKER PANEL	Withdrawn	1-2012-02103	19-Jul-2012		
Brazil	CIRCUIT BREAKER PANEL	Pending	112012018447-4	24-Jul-2012		
Canada	CIRCUIT BREAKER PANEL	Granted	2,787,077	25-Jan-2011	2,787,077	7-Apr-2015
Columbia	CIRCUIT BREAKER PANEL	Granted	12141264	21-Aug-2012	4730	08-Apr-2014
Egypt	CIRCUIT BREAKER PANEL	Allowed	1300/2012 PCT	27-Jun-2012		

PATENT

REEL: 036337 FRAME: 0722

EP	CIRCUIT BREAKER PANEL	Published	117353589.9	25-Jan-2011		
Japan	CIRCUIT BREAKER PANEL	Granted	2012-551235	25-Jul-2012	5519811	11-Apr-2014
Nigeria	CIRCUIT BREAKER PANEL	Granted	NG/C/2012/449	18-Jul-2012	NG/C/2012/449	29-Nov-2013
Philippines	CIRCUIT BREAKER PANEL	Granted	1-2012-501496	20-Jul-2012		2-Feb-2015
South Africa	CIRCUIT BREAKER PANEL	Granted	2012/05323	17-Jul-2012	2012/05323	30-Oct-2013
Thailand	CIRCUIT BREAKER PANEL	Withdrawn	1201003596	18-Jul-2012		
Mexico	CIRCUIT BREAKER PANEL (Divisional)	Granted	MX/a/2013/008248	16-Jul-2013	315245	12-Nov-2013
Hong Kong	CIRCUIT BREAKER PANEL	Withdrawn	13106152.6	25-Jan-2011		
United States	CIRCUIT BREAKER PANEL	Granted	13/574,946	25-Jan-2011	8,681,463	25-Mar-2014

Group 2 Patent Applications and Patents

COUNTRY	TITLE	STATUS	APPLICATION NO.	FILING DATE	PATENT NO.	ISSUE DATE
WO	CIRCUIT BREAKER PANEL	Nationalized	PCT/US2013/051450	22-Jul-2013		
Mexico	CIRCUIT BREAKER PANEL	Pending	MX/a/2015/001091	23-Jan-2015		
China	CIRCUIT BREAKER PANEL	Pending	201380039057.6	22-Jan-2015		
Brazil	CIRCUIT BREAKER PANEL	Pending	112015000886-0	14-Jan-2015		
Canada	CIRCUIT BREAKER PANEL	Pending	2,878,074	24-Dec-2014		

PATENT

REEL: 036337 FRAME: 0723

EP	CIRCUIT BREAKER PANEL	Pending	13823844.9	26-Jan-2015	
Japan	CIRCUIT BREAKER PANEL	Pending			
United States	CIRCUIT BREAKER PANEL	Pending	14/413,034	6-Jan-2015	

Group 3 Patent Applications and Patents

COUNTRY	TITLE	STATUS	APPLICATION NO.	FILING DATE	PATENT NO.	ISSUE DATE
United States	ENHANCED CIRCUIT BREAKERS AND CIRCUIT BREAKER PANELS USING THE SAME	Pending	62/109,349	29-Jan-2015		
United States	ENHANCED CIRCUIT BREAKERS AND CIRCUIT BREAKER PANELS USING THE SAME	Pending	62/134,378	17-March-2015		

Group 4 Patent Applications and Patents

COUNTRY	TITLE	STATUS	APPLICATION NO.	FILING DATE	PATENT NO.	ISSUE DATE
United States	FIRE AND ELECTRICITY RISK MANAGEMENT AND MITIGATION SYSTEM	Pending	62/089,353	9-Dec-2014		
United States	AN INTEGRATED HAZARD RISK MANAGEMENT AND MITIGATION SYSTEM	Pending	14/697,716	28-April-2015		

Group 5 Patent Applications and Patents

COUNTRY	TITLE	STATUS	APPLICATION NO.	FILING DATE	PATENT NO.	ISSUE DATE
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PATENT

United States	Smart Power Node	Pending	62/153,975	28-April-15	
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Group 6 Patent Applications and Patents

COUNTRY	TITLE	STATUS	APPLICATION NO.	FILING DATE	PATENT NO.	ISSUE DATE
United States	METHOD AND APPARATUS FOR MONITORING AND CONTROLLING ELECTRICAL ENERGY CONSUMPTION	Pending	62/153,962	28-April-15		

Purpose of Amendment

To add additional patents and patent applications pursuant to paragraphs 1, 4 and 5 of the Amended and Restated Patent Collateral Assignment dated July 12, 2011.

DIANE S. LAKE-TX, LLC,
a Texas limited liability company

By: *Diane S. Lake*
Diane S. Lake, Manager

Date: 8-7-15