

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GreenVolts, Inc.	10/31/2012
RECEIVING PARTY DATA	
Name:	ABC-GV LLC
Street Address:	19200 Stevens Creek Blvd., Suite 200
City:	Cupertino
State/Country:	CALIFORNIA
Postal Code:	95014
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13227637
CORRESPONDENCE DATA	
Fax Number:	7145469035
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	Rutan & Tucker, LLP
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ATTORNEY DOCKET NUMBER:	030828-0046P
NAME OF SUBMITTER:	Thomas S. Ferrill, Reg. 42532
Signature:	/Thomas S. Ferrill/
Date:	09/23/2013
Total Attachments: 13 source=GreenVolts_to_ABC-GV_Assignment#page1.tif	

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## PATENT ASSIGNMENT

This Patent Assignment is entered into by and between GreenVolts, Inc. a Delaware corporation ("*Assignor*"), and ABC-GV LLC, a California limited liability company ("*Assignee*") as of October 31, 2012.

### RECITALS

A. Assignee desires to acquire ownership of the Patents (defined below) from Assignor pursuant to that certain Assignment for the Benefit of Creditors between Assignee and Assignor dated of even date herewith (the "*ABC*").

B. Assignor desires to transfer all right, title and interest in and to the Patents to Assignee.

NOW, THEREFORE, in consideration of the mutual covenants herein and for other good and valuable consideration paid by Assignee to Assignor, receipt and sufficiency of which Assignor hereby acknowledges, Assignee and Assignor agree as follows:

1. Pursuant to the ABC, Assignor hereby irrevocably assigns, transfers, grants, sells and otherwise conveys to Assignee all of Assignor's right, title and interest in and to (i) the United States patent application set forth on **EXHIBIT A** to this Patent Assignment, all inventions described or claimed therein and improvements thereto, all foreign counterparts thereof and the right to claim priority, all United States and foreign patents issuing or claiming priority from any of the foregoing, and all supplemental protection certificates, reissues, renewals, continuations, continuations-in-part, and divisionals, revisions, substitutions, extensions, reexaminations or any foreign counterparts thereof, throughout the world ("*Patents*"); (ii) all claims, demands and rights of action, both statutory and based upon common law, that Assignor has or might have by reason of any infringement or other unauthorized exploitation of any Patents prior to, on or after the date of this Patent Assignment, and all damages, royalties and other payments now or hereafter due and/or payable by reason of any past, present or future infringements of the Patents or unauthorized exploitation of the same, with the right to prosecute and sue for (in Assignee's own name) and collect the same for its own use and benefit, and for the use and on behalf of its successors, assigns and other legal representatives.

2. Assignor authorizes the United States Patent and Trademark Office, and the empowered officials of all other governments in any foreign jurisdiction to issue or transfer all said Patents to Assignee, as assignee thereof, or otherwise as Assignee may direct.

3. Assignor agrees, without further consideration, to execute and deliver all agreements, documents or other materials reasonably requested by Assignee and assist Assignee in any reasonable manner to obtain, perfect and enforce, for Assignee's benefit, Assignee's right, title and interest in and to the Patents in any and all countries throughout the world; provided that the requesting party shall pay the reasonable out-of-pocket expenses of the other party incurred in connection with complying with this Section 3. Assignor hereby constitutes and appoints Assignee, and its successors and assigns, the true and lawful attorney of Assignor with full power of substitution in the name and stead of Assignor, but on behalf and for the benefit of

**PATENT**

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Assignee, its successors and assigns to demand and receive each and all of the Patents and all rights associated therewith and related thereto.

4. Notwithstanding anything to the contrary herein, Assignor and Assignee are executing and delivering this Patent Assignment in accordance with and subject to all of the terms and provisions of the ABC. The rights and obligations of the parties to the ABC set forth in the representations, warranties, covenants, indemnities, agreements and other terms and provisions of the ABC shall be neither limited, altered or impaired nor enhanced or enlarged hereby or by performance hereunder.

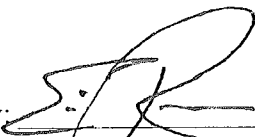
5. This Patent Assignment shall be binding upon Assignor and shall inure to the benefit of Assignee, and its representatives, successors and assigns. This Patent Assignment may be executed in counterparts, each of which shall be deemed to be an original, but both of which together shall constitute the same agreement.

[Signature Page Follows]

 ER

"Assignor"

GreenVolts, Inc.

EXECUTED By:  \_\_\_\_\_ Date: 10/31/12 \_\_\_\_\_

Print Name: Eric Romo \_\_\_\_\_

Title: CEO \_\_\_\_\_



"Assignee"

ABC-GV, LLC

EXECUTED By:  Date: 10/31/12

Print Name: J. Weston Rose

Title: Manager

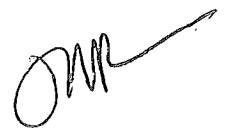


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Exhibit A to Patent Assignment

Patent Applications

A handwritten signature in black ink, appearing to be 'JMR' with a long horizontal stroke extending to the right.

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**GreenVolts, Inc.**

<b>Rutan Ref. No. Status</b>	<b>Application No. Patent No.</b>	<b>Title</b>	<b>Inventors</b>
0020P USPTO predicts First Office Action by August 2013.	13/028,122	AN INVERTER FOR A THREE-PHASE AC PHOTOVOLTAIC SYSTEM	Hinman, Kazemi, Miller
0020PCT Published; Search Report mailed. Claims 1-20 considered potentially patentable on the basis of Novelty and Industrial Applicability.	PCT/US2011/025339	AN INVERTER FOR A THREE-PHASE AC PHOTOVOLTAIC SYSTEM	
0029P Published; ready for examination per USPTO.	13/044,418	OPTICS WITHIN A CONCENTRATED PHOTOVOLTAIC RECEIVER CONTAINING A CPV CELL	Dougherty, Conner
0029PCT Search and ISR received. Claims 1-17 considered potentially patentable on the basis of Novelty, Inventive Step, and Industrial Applicability.	PCT/US2011/027954	OPTICS WITHIN A CONCENTRATED PHOTOVOLTAIC RECEIVER CONTAINING A CPV CELL	
0034P 12-10-2012 Non-Final Office Action mailed, Response due March 10, 2013	13/044,423	PHOTOVOLTAIC ARRAY GROUND FAULT DETECTION IN AN UNGROUND SOLAR ELECTRIC POWER GENERATING SYSTEM AND TECHNIQUES TO TRANSITION ONTO AND OFF THE UTILITY GRID	Kazemi, Hansen
0035P Non-Final Office Action mailed 10-18-2012; Response filed on 1-18- 2013.	13/028,152	PHOTOVOLTAIC ARRAY GROUND FAULT DETECTION METHOD FOR UTILITY-SCALE GROUND SOLAR ELECTRIC POWER GENERATING SYSTEMS	Kazemi, Hansen, Hinman
0035PCT Published, Search and Written Opinion received.	PCT/US2011/025337		

*own*  
*SR*



Claims 2, 3, 5, 7-9, 11, and 13-15 deemed potentially patentable on the basis of Novelty; Claims 1-15 deemed potentially patentable on the basis of Industrial Applicability.			
0037P Published, ready for examination per USPTO. First Office Action forecast for May 2014.	13/227,684	A WIRELESS LOCAL AREA NETWORK FOR A CONCENTRATED PHOTOVOLTAIC SYSTEM	Hinman, Vandeveld
0038P Published, ready for examination per USPTO. First Office Action forecast for October 2013.	13/227,695	BROWSER-BASED BACK-END MANAGEMENT SYSTEM FOR A CONCENTRATED PHOTOVOLTAIC (CPV) SYSTEM	Vandeveld, Miller, Hinman
0038PCT Published, Search and Written Opinion received. Claims 1-20 deemed potentially patentable on the basis of Novelty and Industrial Applicability.	PCT/US11/65385		
0039P Published, ready for examination per USPTO. First Office Action predicted for May 2014.	13/227,716	INTEGRATED PERFORMANCE MONITORING FOR A CONCENTRATED PHOTOVOLTAIC (CPV) SYSTEM	Vandeveld, Kazemi, Hinman, Miller
0039PCT Published, Search and Written Opinion received. Claims 1-20 deemed potentially patentable on the basis of Novelty and Industrial Applicability.	PCT/US11/65384		
0040P Published, ready for examination. First Office Action expected in January 2014.	13/227,743	USE OF MANUFACTURING INFORMATION DURING THE OPERATION OF A CONCENTRATED PHOTOVOLTAIC SYSTEM	Vandeveld, Miller, Hinman
0041P Published, ready for examination. First Office	13/227,777	A SCALABLE BACKEND MANAGEMENT SYSTEM FOR REMOTELY	Vandeveld, Miller, Hinman

Action predicted for May 2014.		OPERATING ONE OR MORE PHOTOVOLTAIC GENERATION FACILITIES	
0042P Published, ready for examination per USPTO.	13/227,803	VARIOUS TRACKING ALGORITHMS AND APPARATUS FOR A TWO AXIS TRACKER ASSEMBLY IN A CONCENTRATED PHOTOVOLTAIC SYSTEM	Hinman, Xie
0043P Published, ready for examination. First Office Action forecast for February 2014.	13/227,645	STRUCTURALLY BREAKING UP A TWO-AXIS TRACKER ASSEMBLY IN A CONCENTRATED PHOTOVOLTAIC SYSTEM	Miller, Hinman, Ocegueda, Wlodarczyk
0043PCT Published	PCT/US11/65380	STRUCTURALLY BREAKING UP A TWO-AXIS TRACKER ASSEMBLY IN A CONCENTRATED PHOTOVOLTAIC SYSTEM	Miller, Hinman, Ocegueda, Wlodarczyk
0044P Published, ready for examination.	13/227,664	COMPONENTS OF A TWO-AXIS TRACKING ASSEMBLY IN A CONCENTRATED PHOTOVOLTAIC SYSTEM	Miller, Dejong, Ocegueda, Ruiz, Wlodarczyk
0045P Published, ready for examination. First Office Action forecast for February 2014.	13/227,669	ASSEMBLING AND ALIGNING A TWO-AXIS TRACKER ASSEMBLY IN A CONCENTRATED PHOTOVOLTAIC SYSTEM	Miller, Dejong, Ocegueda, Ruiz, Paretich, Wlodarczyk
0046P Published, ready for examination. First Office Action expected in December 2013.	13/227,637	AN INTEGRATED REMOTELY CONTROLLED PHOTOVOLTAIC SYSTEM	Hinman, Miller, Kazemi, Vandeveld
0047P Published, ready for examination. First Office Action expected in December 2013.	13/227,652	AN INTEGRATED ELECTRONICS HOUSING FOR A SOLAR ARRAY	Miller, Kazemi, Hinman
0047PCT Published, Search and Written Opinion received. Claims 1-20 deemed potentially patentable on	PCT/US11/65392		

the basis of Novelty and Industrial Applicability.			
0048P Published, ready for examination. First Office Action is forecast for February 2014.	13/227,649	ALIGNMENT OF PHOTOVOLTAIC CELLS WITH RESPECT TO EACH OTHER DURING MANUFACTURING AND THEN MAINTAINING THIS ALIGNMENT IN THE FIELD	Miller, Ocegueda, Dittmer, Sinsheimer, Prucha
0049P Published, ready for examination.	13/227,656	STRUCTURALLY BREAKING UP A SOLAR ARRAY OF A TWO-AXIS TRACKER ASSEMBLY IN A CONCENTRATED PHOTOVOLTAIC SYSTEM	Miller, Hinman
0050P Published, ready for examination. First Office Action expected in May 2014.	13/227,662	A REMOTE ANGLE MAPPING PROCESS FOR A CPV ARRAY	Vandeveld, Xie, and Langlois
0050PCT Published, Search and Written Opinion received. Claims 1-20 deemed potentially patentable on the basis of Novelty and Industrial Applicability.	PCT/US11/65409		
0051P Published, Application dispatched from USPTO Pre-Exam processing, First Office Action predicted for February 2014.	13/490,084	USER INTERFACE FOR A MOBILE COMPUTING DEVICE	Roeland Vandeveld and Wayne Miller

### Closed, Abandoned, or Expired Matters

Rutan Ref. No.	Application No. Patent No.	Title
0001PRO	61/424,515	TWO AXIS TRACKER PARTS, ASSEMBLY AND TRACKER CALIBRATION
0002PRO	61/424,518	PV CELLS AND PADDLES
0003PRO	61/424,537	INTEGRATED ELECTRONICS SYSTEM
0004PRO	61/424,493	ISIS AND WIFI
0022PRO	61/338,309	ELECTRONIC LOAD-BASED I-V TESTER FOR SCALABLE VOLTAGE AND CURRENT REQUIREMENTS
0023PRO	61/307,667	SUPERHYDROPHOBIC ANTI-REFLECTIVE COATINGS FOR SELF-CLEANING OPTICAL ELEMENTS
0024PRO	61/307,679	INTEGRATED CPV RECEIVER BACKPLANE FOR HIGH VOLUME MANUFACTURING
0025PRO	61/307,691	HIGH SPEED PARALLEL OPTOELECTRONIC MAPPING OF MULTI-JUNCTION SOLAR CELL WAFERS FOR CONCENTRATING PHOTOVOLTAIC APPLICATIONS
0026PRO	61/307,696	INVERTER SOFT-START INPUT LOADING AND ARRAY PERFORMANCE EVALUATION SYSTEM FOR PHOTOVOLTAIC GENERATION SYSTEMS
0027PRO	61/312,954	INTEGRATED CPV MODULE ATTACHMENT AND ACTIVE VENTILATION FIXTURE
0028PRO	61/313,021	SELF-ALIGNING INTEGRATED OPTICAL ARRAY
0029PRO	61/313,022	SINGLE ELEMENT LENS-COUPLED TOTAL INTERNAL REFLECTION PRISM SECONDARY
0030PRO	61/343,122	FLIP CHIP SELF ALIGNED CPV
0031PRO	61/343,070	SOLAR CELL SUBSTRING GROUNDING TO MANAGE INVERTER INPUT VOLTAGE
0032PRO	61/343,071	PLANAR SECONDARY OPTIC ARRAY FOR CPV
0033PRO	61/343,072	INTEGRATED INTRA-MODULE

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		MICRO TRACKER
0034PRO	61/370,038	GROUND FAULT MONITORING METHOD FOR UNGROUNDED UTILITY-SCALE PHOTOVOLTAIC SYSTEMS
Not known	11717592	MAINTENANCE OF A SOLAR POWER SYSTEM
Greep005	11717598	THERMAL STRUCTURE FOR A SOLAR POWER SYSTEM
Not known	11717600	NON SHADING RECEIVER FOR A SOLAR POWER SYSTEM
GREEP002	11724042	TRACKING SOLAR POWER SYSTEM
Not known	12156948	REFLECTIVE SECONDARY OPTIC FOR CONCENTRATED PHOTOVOLTAIC SYSTEMS
Not known	12157194	DURABLE SILVER BASED TRANSPARENT CONDUCTIVE COATINGS FOR SOLAR CELLS
GREEP009	12322840	SOLAR CELL WITH INTEGRATED THERMALLY CONDUCTIVE AND ELECTRICALLY INSULATING SUBSTRATE
GREEP001+	60877730	3D REFLECTIVE OPTIC FOR SOLAR CONCENTRATOR
Not known	60933341	REFLECTIVE SECONDARY OPTIC FOR CONCENTRATED PHOTOVOLTAIC SYSTEMS
GREEP006+	60933368	COATING FOR SOLAR CELLS AND VISIBLE DISPLAYS
Not known	61070697	LARGE AREA SOLAR CELL MATERIAL
Not known	61070698	REDUCING COST AND IMPROVING PERFORMANCE OF A HIGH PERFORMANCE SINGLE CRYSTAL SOLAR CELL
Not known	61072009	ENCAPSULANT FOR PHOTOVOLTAIC DEVICE
Not known	61123499	A WAFER BONDING METHOD FOR REDUCING COST AND IMPROVING PERFORMANCE OF A HIGH PERFORMANCE SINGLE CRYSTAL SOLAR CELL
Not known	61130407	A DESIGN AND METHOD FOR MAKING A VERY HIGH

		EFFICIENCY CONCENTRATING PV MODULE
GREEP014+	61135303	DELIVERING MATERIALS TO A CONCENTRATING PHOTOVOLTAIC SYSTEM
GREEP015+	61189494	METHOD OF INCREASING THE POWER OUTPUT OF A CPV SYSTEM BY UTILIZING THE WASTE HEAT GENERATED
GREEP016+	61197203	SOLAR CELLS WITH INTEGRATED ELECTRONIC DEVICES
GREEP017+	61277713	EFFICIENCY FOR CONCENTRATED SOLAR POWER SYSTEM
GREEP018+	61281914	MOLDLESS LEADFRAME PACKAGE FOR CPV APPLICATION
GREEP019+	61338310	LASER-BASED SOLAR SIMULATOR
GREEP020+	61338313	SINGLE STAGE DC-TO-AC CONVERSION FOR HIGH EFFICIENCY OPERATION OF CONCENTRATING PHOTOVOLTAIC SYSTEMS
GREEP009+	610063971	SOLAR CELL WITH INTEGRATED HEAT SPREADER
GREEP002AU	AU 2007225164	TRACKING SOLAR POWER SYSTEM
GREEP002CN	CN 200780009297.6	TRACKING SOLAR POWER SYSTEM
GREEP002EP	EP 07753054.1	TRACKING SOLAR POWER SYSTEM
GREEP002+	60782181	ECONOMICAL CAROUSEL SUN TRACKING PLATFORM
GREEP003+	60786396	MODULAR SOLAR CELL ASSEMBLY CARRIER
GREEP004+	60838544	A SOLAR GENERATOR DEVICE WITH MULTIPLE OFF-AXIS CONCENTRATORS ON A SINGLE SUN TRACKING PLATFORM
Not known	IN 7377DELNP2008	TRACKING SOLAR POWER SYSTEM
Not known	IS 193563	TRACKING SOLAR POWER SYSTEM
Not known	KR 10-2008-7022203	TRACKING SOLAR POWER SYSTEM
GREEP002PCT	PCTUS0706400	TRACKING SOLAR POWER SYSTEM
Not known	PCTUS0807061	REFLECTIVE SECONDARY OPTIC FOR CONCENTRATED

		PHOTOVOLTAIC SYSTEMS
Not known	PCTUS0807147	DURABLE SILVER BASED TRANSPARENT CONDUCTIVE COATINGS FOR SOLAR CELLS
Not known	PCTUS0900780	

*Jim*  
*ER*