

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3158987

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GEOFF W. TAYLOR	12/15/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OPEL SOLAR, INC.
<b>Street Address:</b>	PO BOX 555
<b>City:</b>	STORRS MANSFIELD
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06032
<b>Name:</b>	THE UNIVERSITY OF CONNECTICUT
<b>Street Address:</b>	TECHNOLOGY COMMERCIALIZATION SERVICES
<b>Internal Address:</b>	400 FARMINGTON AVENUE, MC6400
<b>City:</b>	FARMINGTON
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06032
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14579151
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)323-1803
<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>Phone:</b>	(203) 323-1800
<b>Email:</b>	pto@gordonjacobson.com
<b>Correspondent Name:</b>	GORDON & JACOBSON, P.C.
<b>Address Line 1:</b>	60 LONG RIDGE ROAD
<b>Address Line 2:</b>	SUITE 407
<b>Address Line 4:</b>	STAMFORD, CONNECTICUT 06902
<b>ATTORNEY DOCKET NUMBER:</b>	OPE-080F
<b>NAME OF SUBMITTER:</b>	JAY P. SBROLLINI
<b>SIGNATURE:</b>	/Jay P. Sbrollini/
<b>DATE SIGNED:</b>	12/22/2014

PATENT

**Total Attachments: 2**

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## ASSIGNMENT

WHEREAS, I, **Geoff W. Taylor**, hereinafter referred to as the "**Inventor**", a US citizen, whose post office address is 22 Quail Run, Mansfield, CT 06268, have invented certain new and useful improvements in

### THYRISTOR-BASED OPTICAL CHARGE PUMP FOR AN OPTICAL PHASE LOCK LOOP

as described and set forth in an application for Letters Patent of the United States of America, executed by me on the 15th day of December, 2014,

AND WHEREAS, **Opel Solar, Inc.**, a company existing under the laws of Delaware, having a place of business at PO Box 555, Storrs Mansfield, CT 06268, and **The University of Connecticut**, a public institution of higher education, organized under the laws of the state of Connecticut, having a place of business at Technology Commercialization Services, 400 Farmington Avenue, MC6400, Farmington, CT 06032, both entities hereinafter referred to as the "**Assignees**", are desirous of acquiring or confirming the acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the **Inventor**, for good and valuable considerations, the receipt and sufficiency of which I hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said **Assignees**, their successors and assigns, the entire right, title and interest throughout the world, in and to the invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any provisional or non-provisional application to which said application claims the benefit of, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application or any other application which claims the benefit of said application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements (collectively, "**Assigned Patents**"), to have and to hold the same to the full end of the term or terms for which any and all such **Assigned Patents** may be issued.

AND the **Inventor** does hereby authorize and request the issuing authority to issue any **Assigned Patent** to said **Assignees**, their successors and assigns, as the assignees of the entire right, title and interest in and to the same, for the sole use and benefit of said **Assignees**, their successors and assigns.

AND the **Inventor** does hereby covenant and warrant that he has full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that he has not executed and will not execute any instruments in conflict herewith.

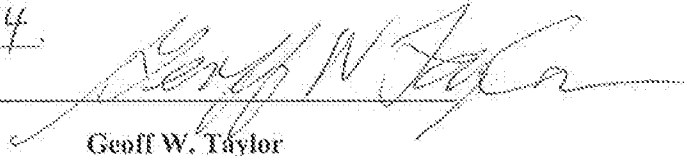
AND the **Inventor**, for the conditions aforesaid, does hereby covenant and agree to and with the said **Assignees**, their successors and assigns, that the **Inventor**, his executors, administrators or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for

said Assignees, their successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said Assignees, their successors and assigns, the entire right, title and interest in and to said invention, inventions, or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages hereby sold, assigned, confirmed, transferred and conveyed.

The undersigned hereby grant(s) David P. Gordon, Esq., David S. Jacobson, Esq., Jay P. Sbröllini, Esq. and Christian Mannino, Esq. the power to insert on this Assignment any further identification which may be necessary in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document and to correct any errors or defects herein.

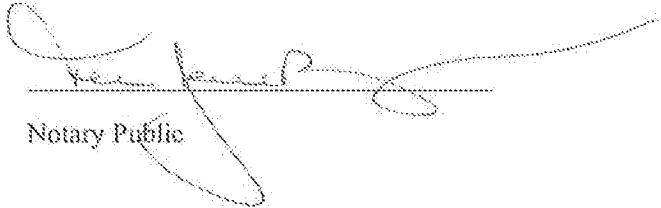
In the event that any provision of this Agreement is found invalid or unenforceable pursuant to a judicial or otherwise binding decree or decision, the remainder of this Agreement shall remain valid and enforceable according to its terms and according to the intent of the parties to assign to the Assignees the entire right, title and interest in and to the inventions described in said application and to said application and to said Assigned Patents.

IN WITNESS WHEREOF, I, Geoff W. Taylor, have hereunto set my hand and seal  
this 15 day of Dec., 2014.

  
Geoff W. Taylor

County of Tolland  
State of ct ) ss: Coverly

BE IT KNOWN, that on this 15 day of Dec, 2015, personally appeared Geoff W. Taylor, to me known and known to me to be the individual described in and who executed the foregoing assignment, and (s)he acknowledged to me that (s)he executed the same.

  
Notary Public

SEAL

My commission expires:

Fabrice Jean-Baptiste  
NOTARY PUBLIC  
CONNECTICUT  
MY COMMISSION EXPIRES FEBRUARY 25th 2015