

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sebastian Mack</td> <td>12/13/2012</td> </tr> <tr> <td>Ulrich Jager</td> <td>12/13/2012</td> </tr> <tr> <td>Andreas Wolf</td> <td>12/13/2012</td> </tr> <tr> <td>Daniel Biro</td> <td>12/13/2012</td> </tr> <tr> <td>Ralf Preu</td> <td>12/13/2012</td> </tr> <tr> <td>Gero Kastner</td> <td>12/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sebastian Mack	12/13/2012	Ulrich Jager	12/13/2012	Andreas Wolf	12/13/2012	Daniel Biro	12/13/2012	Ralf Preu	12/13/2012	Gero Kastner	12/13/2012
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CORRESPONDENCE DATA															
<p>Fax Number: 2155686499 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 215-568-6400 Email: dmarkee@vklaw.com Correspondent Name: VOLPE AND KOENIG, P.C. Address Line 1: UNITED PLAZA Address Line 2: 30 SOUTH 17TH STREET Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103</p>															
ATTORNEY DOCKET NUMBER:	LBP-PT179 /DMM														

NAME OF SUBMITTER:

Randolph J. Huis

Total Attachments: 7

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ASSIGNMENT

Sebastian Mack, residing at Roseggerstrasse 5, 79102 Freiburg, Germany, a citizen of Germany; Ulrich Jäger, residing at Offenburger Strasse 23, 79108 Freiburg, Germany, a citizen of Germany; Andreas Wolf, residing at Louise-Otto-Peters-Strasse 1, 79100 Freiburg, Germany, a citizen of Germany; Daniel Biro, residing at Antoniterstrasse 5, 79106 Freiburg, Germany, a citizen of Germany; Ralf Preu, residing at Kirnerstrasse 11, 79117 Freiburg, Germany, a citizen of Germany; and Gero Kästner, residing at René-Schlokele-Strasse 14, 79117 Freiburg, Germany, a citizen of Germany; (hereafter jointly and severally referred to as the undersigned), are the inventors of

METHOD FOR PRODUCING A PHOTOVOLTAIC SOLAR CELL

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 13/704,683, filed December 17, 201².

The undersigned hereby authorize assignee or assignee's representative to insert the Application Number and the filing date of this application if they are unknown at the time of execution of this assignment.

Fraunhofer-Gesellschaft zur Förderung Der Angewandten Forschung D.V., a German company, having a principal place of business at Hansastrasse 276, 80686 München, Germany, (hereafter referred to as the assignee), is desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title and interest in said invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the

world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance.

EXECUTED under seal on this 13 day of December, 2012

at _____,
(Place)

Witness:

Andree Wogt
A. Wolf

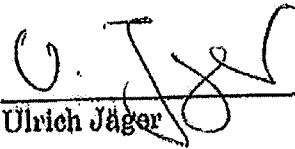
Sebastian Mack (L.S.)
Sebastian Mack

EXECUTED under seal on this 13 day of December, 2012.

at _____
(Place)

Witness: A. BRAND



 (L.S.)
Ulrich Jäger

EXECUTED under seal on this 13 day of December, 2012

at _____

(Place)

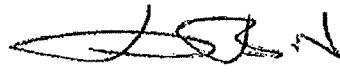
Witness:

Sebastian Mack
Sebastian Mack

A. Wolf (L.S.)
Andreas Wolf

EXECUTED under seal on this 13 day of December, 2012
at _____
(Place)

Witness:


_____
_____(L.S.)
Daniel Biro

EXECUTED under seal on this 13 day of December, 2012
at _____
(Place)

Witness:

Biqua Liel

Ralf Preu (L.S.)
Ralf Preu

EXECUTED under seal on this 13 day of December, 201²
at _____
(Place)

Witness:

Sebastian Mack

Sebastian Mack

 (L.S.)
Gero Kästner