

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>Benjamin Thaidigsmann</td> <td>01/14/2013</td> </tr> <tr> <td>Florian Clement</td> <td>01/14/2013</td> </tr> <tr> <td>Daniel Biro</td> <td>01/14/2013</td> </tr> <tr> <td>Andreas Wolf</td> <td>01/14/2013</td> </tr> <tr> <td>Ralf Preu</td> <td>01/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	Benjamin Thaidigsmann	01/14/2013	Florian Clement	01/14/2013	Daniel Biro	01/14/2013	Andreas Wolf	01/14/2013	Ralf Preu	01/14/2013
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<table border="1"> <tr> <td>Name:</td> <td>Fraunhofer-Gesellschaft Zur Forderung Der Angewandten Forschung E.V.</td> </tr> <tr> <td>Street Address:</td> <td>Hansastrasse 27c</td> </tr> <tr> <td>City:</td> <td>Munchen</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>80686</td> </tr> </table>		Name:	Fraunhofer-Gesellschaft Zur Forderung Der Angewandten Forschung E.V.	Street Address:	Hansastrasse 27c	City:	Munchen	State/Country:	GERMANY	Postal Code:	80686		
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CORRESPONDENCE DATA													
Fax Number:	2155686499												
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ATTORNEY DOCKET NUMBER:	LBP-PT180 /DMM												
NAME OF SUBMITTER:	Randolph J. Huis												

CH \$40.00 13810028

Total Attachments: 6

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ASSIGNMENT

Benjamin Thaidigsmann, residing at Lerchenstrasse 2, 79104 Freiburg, Germany, a citizen of Germany; Florian Clement, residing at Rabenkopfstrasse 15, 79102 Freiburg, Germany, a citizen of Germany; Daniel Biro, residing at Antoniterstrasse 5, 79106 Freiburg, Germany, a citizen of Germany; Andreas Wolf, residing at Marie-Curie-Strasse 36, 79100 Freiburg, Germany, a citizen of Germany; and Ralf Preu, residing at Kirnerstrasse 11, 79117 Freiburg, Germany, a citizen of Germany; (hereafter jointly and severally referred to as the undersigned), are the inventors of

**PHOTOVOLTAIC SOLAR CELL AND 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. 13/810,028, filed January 14,
2013.

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 E.V., a German company, having a principal place of business at Hansastrasse 27c, 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.

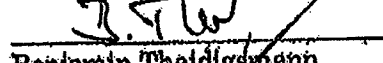
The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance.

EXECUTED under seal on this 14 day of January, 201³

at _____
(Place)

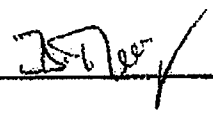
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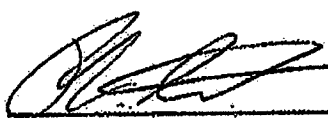



_____ (L.S.)
Benjamin Thaldigmann

EXECUTED under seal on this 14 day of January, 201³
at _____
(Place)

Witness



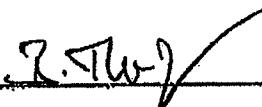

_____ (L.S.)
Florian Clement

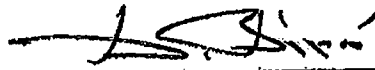
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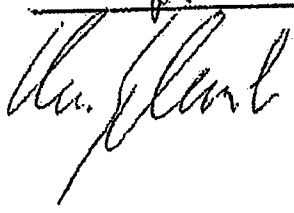
Witness:



 (L.S.)
Daniel Biro

EXECUTED under seal on this 14 day of January, 201³
at _____
(Place)

Witness:

Christoph Schwab


A. Wolf (L.S.)
Andreas Wolf

EXECUTED under seal on this 14 day of January, 2013

at _____
(Place)

Witness:

B. Lira

 (L.S.)
Ralf Preu