

**PATENT ASSIGNMENT**

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 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Christian REIMANN	08/30/2010
Jochen FRIEDRICH	08/04/2010
Marc DIETRICH	08/06/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DEUTSCHE SOLAR AG
<b>Street Address:</b>	Berthelsdorfer Strasse 111a
<b>City:</b>	Freiberg/Sachsen
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	09599
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12866497
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(330)376-9646
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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<b>Correspondent Name:</b>	Andrew B. Morton
<b>Address Line 1:</b>	Renner Kenner Greive Bobak Taylor & Webe
<b>Address Line 2:</b>	First National Tower, Suite 400
<b>Address Line 4:</b>	Akron, OHIO 44308-1412
<b>ATTORNEY DOCKET NUMBER:</b>	GGL.P0006
<b>NAME OF SUBMITTER:</b>	Andrew B. Morton

Total Attachments: 3  
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**PATENT**  
**REEL: 025110 FRAME: 0937**

**OP \$40.00 12866497**

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**Assignment**

**In Consideration** of the sum of One Euro (€1.00), and of other good and valuable consideration paid to the undersigned by the Assignee, Deutsche Solar AG, a corporation organized under the laws of Germany, and having its principal office and place of business at Berthelsdorfer Strasse 111a, Freiberg/Sachsen 09599, Germany, receipt whereof is hereby acknowledged, the undersigned by these presents hereby sold, assigned, transferred and set over unto the said assignee the entire right, title and interest in and to the invention or improvement in

**DEVICE AND METHOD FOR PRODUCING CRYSTALLINE BODIES  
BY DIRECTIONAL SOLIDIFICATION**

executed this date, which claims priority of PCT application number PCT/DE2008/000275 filed February 14, 2008, in and for the United States and all foreign countries, the same to be held and enjoyed by said assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

**And Said Assignee is Hereby Authorized** to make application for and to receive Letters Patent for said invention in any of said countries of its election.

**And By This Covenant The Undersigned** will execute or procure any further necessary assurance of title to said invention and Letters Patent; and at any time, upon the request and at the expense of said assignee, will execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention or any Letters Patents which may be granted therefor in said Assignee, its successors, assigns or other legal representatives, and upon the request and at the expense of said assignee, will execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of said Letters Patents to be granted therefor, and will make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein without further compensation, but at the expense of said assignee, its successors, assigns or other legal representatives.

**And The Commissioner of Patents is Hereby Authorized and Requested** to issue any and all Letters Patents of the United States for said invention to said assignee.

Signed and sealed this 30 day of AUGUST, 2010.

Witness: Bernd Fischer  
RA

Christian REIMANN  
Christian REIMANN

Signed and sealed this 4 day of August, 2010.

Witness: Bernd Fischer

[Signature]

[Signature]

Jochen FRIEDRICH

Signed and sealed this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

Witness:

\_\_\_\_\_  
Marc DIETRICH

Attorney Docket No. GGL.P0006

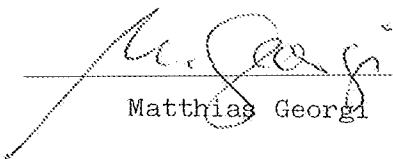
Signed and sealed this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

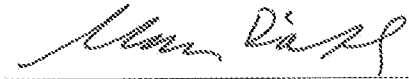
Witness:

\_\_\_\_\_  
Jochen FRIEDRICH

Signed and sealed this 6<sup>th</sup> day of August, 2010.

Witness:

  
\_\_\_\_\_  
Matthias Georgi

  
\_\_\_\_\_  
Marc DIETRICH

Attorney Docket No. GGL.P0006