

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>IMMO KOETSCHAU</td> <td>07/03/2012</td> </tr> <tr> <td>DIETER SCHMID</td> <td>07/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	IMMO KOETSCHAU	07/03/2012	DIETER SCHMID	07/12/2012
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IMMO KOETSCHAU	07/03/2012						
DIETER SCHMID	07/12/2012						
RECEIVING PARTY DATA							
Name:	CENTROTHERM PHOTOVOLTAICS AG						
Street Address:	JOHNANNES-SCHMID-STRASSE 8						
City:	BLAUBEUREN						
State/Country:	GERMANY						
Postal Code:	D-89143						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13510824</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13510824		
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Application Number:	13510824						
CORRESPONDENCE DATA							
Fax Number:	9549251101						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	954-925-1100						
Email:	PATENTS@PATENTUSA.COM						
Correspondent Name:	LERNER GREENERG STEMER LLP						
Address Line 1:	P.O. BOX 2480						
Address Line 4:	HOLLYWOOD, FLORIDA 33022-2480						
ATTORNEY DOCKET NUMBER:	H&G-CPA004						
NAME OF SUBMITTER:	RALPH E LOCHER						
Total Attachments: 1 source=H&G-CPA004-SignedAssignment_with_Changes#page1.tif							

OP \$40.00 13510824

Docket No.: H&G-CPA004

ASSIGNMENT

WHEREAS We, IMMO KOETSCHAU and DIETER SCHMID, residing respectively at ~~Blaubeuren~~ and München, Germany, have invented certain new and useful improvements in a

Braunenberg
6.8.2012
[Signature]

METHOD AND DEVICE FOR PRODUCING A COMPOUND SEMICONDUCTOR LAYER

described in international application PCT/IB2010/002729, filed October 27, 2010 and for which an application for Letters Patent of the United States of America was executed on the date of execution of this assignment;

WHEREAS, CENTROTHERM PHOTOVOLTAICS AG, a German corporation doing business at Blaubeuren, Germany is desirous of acquiring the entire interest in the invention, and in any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said corporation, its legal representatives, successors and assigns, the full and exclusive right to the said invention as fully set forth and described in the above-mentioned application, and to the application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of the Letters Patent, the same to be held and enjoyed by the said corporation, its legal representatives, successors and assigns, to the full end of the term, for which the Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us, had this assignment and sale not been made.

AND WE hereby authorize the Commissioner for Patents to issue any and all Letters Patent of the United States on the invention or resulting from the application and from any and all divisions and continuations thereof to the said corporation as the assignee of the entire right, title and interest in and to the same.

[Signature] (Katharina Legat) *[Signature]* (L.S.) 3.7.2012
Witness IMMO KOETSCHAU Date

[Signature] *[Signature]* (L.S.) 12.07.2012
Witness DIETER SCHMID Date