

## 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>Arnulf Leuther</td> <td>02/08/2013</td> </tr> <tr> <td>Axel Tessmann</td> <td>02/07/2013</td> </tr> <tr> <td>Rainer Losch</td> <td>02/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Arnulf Leuther	02/08/2013	Axel Tessmann	02/07/2013	Rainer Losch	02/12/2013		
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RECEIVING PARTY DATA											
<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											
<p>Fax Number: 2155686499  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2155686400        Email: dmarkee@vklaw.com        Correspondent Name: Randolph J. Huis        Address Line 1: 30 South 17th Street        Address Line 2: United Plaza        Address Line 4: Philadelphia, PENNSYLVANIA 19103</p>											
ATTORNEY DOCKET NUMBER:	LBP-PT182 /DMM										
NAME OF SUBMITTER:	Randolph J. Huis										
<p>Total Attachments: 4        source=SignedAssignment#page1.tif        source=SignedAssignment#page2.tif        source=SignedAssignment#page3.tif        source=SignedAssignment#page4.tif</p>											

CH \$40.00 13817567

**ASSIGNMENT**

Arnulf Leuther, residing at Am Kupferacker 11, 79283 Bollschweil, Germany, a citizen of Germany; Axel Tessmann, residing at Zum Litzfürst 3, 79194 Gundelfingen, Germany, a citizen of Germany; and Rainer Lösch, residing at Schillerstrasse 30, 79268 Bostzingen, Germany, a citizen of Germany, (hereafter jointly and severally referred to as the undersigned), are the inventors of PSEUDO-SUBSTRATE FOR USE IN THE PRODUCTION OF SEMICONDUCTOR COMPONENTS AND METHOD FOR PRODUCING A PSEUDO-SUBSTRATE for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 13/817,567, filed February 19, 201<sup>3</sup>.

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 8 day of February, 2013

at Freiburg  
(Place)

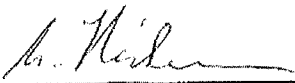
Witness:

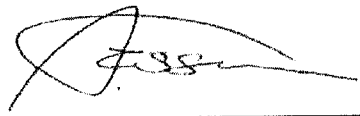
*H. Heil*  
Hans Heil

*A. Leuther* (L.S.)  
Arnulf Leuther

EXECUTED under seal on this 7 day of FEBRUARY, 2013  
at FREIBURG,  
(Place)

Witness:

  
\_\_\_\_\_  
Axel Hülsmann

  
\_\_\_\_\_  
Axel Tessmann (L.S.)

EXECUTED under seal on this 12 day of February, 2013  
at Freiburg  
(Place)

Witness:

M. H. G. L.  
Hermann Maister

Rainer Lösch (L.S.)  
Rainer Lösch

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