

## 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>Piotr KROPELNICKI</td> <td>02/15/2011</td> </tr> <tr> <td>Marco RUSS</td> <td>02/18/2011</td> </tr> <tr> <td>Holger VOGT</td> <td>02/16/2011</td> </tr> </tbody> </table>		Name	Execution Date	Piotr KROPELNICKI	02/15/2011	Marco RUSS	02/18/2011	Holger VOGT	02/16/2011		
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<table border="1"> <tr> <td>Name:</td> <td>Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.</td> </tr> <tr> <td>Street Address:</td> <td>Hansastrasse 27c</td> </tr> <tr> <td>City:</td> <td>Munich</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 Foerderung der angewandten Forschung e.V.	Street Address:	Hansastrasse 27c	City:	Munich	State/Country:	GERMANY	Postal Code:	80686
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CORRESPONDENCE DATA											
<p>Fax Number: 6508384350  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 650-838-4300</p> <p>Email: patentprocurement@perkinscoie.com</p> <p>Correspondent Name: PERKINS COIE LLP</p> <p>Address Line 1: 3150 PORTER DRIVE</p> <p>Address Line 4: PALO ALTO, CALIFORNIA 94304</p>											
ATTORNEY DOCKET NUMBER:	110971-8697.US01										
NAME OF SUBMITTER:	Michael A. Glenn										
Signature:	/Michael A. Glenn/										
Date:	09/24/2013										
<p>Total Attachments: 1          source=Assignment-12963946__SCHO0697#page1.tif</p>											

OP \$40.00 12963946

## ASSIGNMENT

WHEREAS, We/I, Piotr KROPELNICKI, Marco RUSS, and Holger VOGT, hereinafter referred to as "ASSIGNOR(S)", have invented certain new and useful improvements, as described and set forth in the below-identified application for United States Letters Patent entitled:

### DIODE BOLOMETER AND METHOD FOR PRODUCING A DIODE BOLOMETER

Filing Date: December 9, 2010

Serial No. 12/963,946

WHEREAS, Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V., a corporation duly organized under and pursuant to the laws of the country of Germany, having its principal place of business at Hansastrasse 27c, 80686 Munich, Germany, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title, and interest in the said invention and application and in any Letters Patent which may be granted with regard to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, ASSIGNOR(S) have sold, assigned, and transferred, and by these presents does sell, assign, and transfer unto the said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title, and interest in and to said invention, said application for United States Letters Patent and any Letters Patent which may be hereafter granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or part, substitutions, conversions, reissues, revivals, prolongation, or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR(S) had this assignment and transfer not been made, for all time.

ASSIGNOR(S) further agrees that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE may lawfully request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

ASSIGNOR(S) grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

IN TESTIMONY WHEREOF, ASSIGNOR(S) has hereunto signed his name to the assignment on the date indicated below.

Piotr KROPELNICKI  
Piotr KROPELNICKI

15/02/11  
Date

Marco RUSS  
Marco RUSS

18/02/11  
Date

Holger VOGT  
Holger VOGT

16.02.2011  
Date