

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2748644

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE'S NAME AND CITY previously recorded on Reel 031912 Frame 0665. Assignor(s) hereby confirms the FORDERUNG -TO- FOERDERUNG -AND- MUNCHEN -TO- MUENCHEN.										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>HELMUT HEIDRICH</td> <td>10/31/2013</td> </tr> <tr> <td>PETER LUTZOW</td> <td>11/05/2013</td> </tr> <tr> <td>DANIEL PERGANDE</td> <td>10/31/2013</td> </tr> <tr> <td>WOLFGANG SCHADE</td> <td>11/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	HELMUT HEIDRICH	10/31/2013	PETER LUTZOW	11/05/2013	DANIEL PERGANDE	10/31/2013	WOLFGANG SCHADE	11/04/2013
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CORRESPONDENCE DATA											
Fax Number:	(612)766-1600										
Phone:	6127667873										
Email:	amy.pirkl@faegrebd.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	FAEGRE BAKER DANIELS										
Address Line 1:	90 SOUTH 7TH STREET										
Address Line 2:	2200 WELLS FARGO CENTER										
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402										
ATTORNEY DOCKET NUMBER:	483244.000005										

NAME OF SUBMITTER:	LISA CHENEY
Signature:	/Lisa Cheney/
Date:	02/28/2014
<b>Total Attachments: 5</b> source=000005 Re-record Assignment (2)#page1.tif source=000005 Re-record Assignment (2)#page2.tif source=000005 Re-record Assignment (2)#page3.tif source=000005 Re-record Assignment (2)#page4.tif source=000005 Re-record Assignment (2)#page5.tif	

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT2671325

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
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NAME OF SUBMITTER:	KELSEY DEHNE										

PATENT

REEL: 032372 FRAME: 0533

# COMBINED DECLARATION & ASSIGNMENT

Attorney Docket No.:  
483244.000005

Page 1 of 1

Client Ref. No.: 137P 2213

Title: METHOD OF DETECTING MOLECULES  
AND OPTICAL SENSOR

## ASSIGNMENT

WHEREAS, I, Helmut Heidrich, Peter Lützow, Daniel Pergande and Wolfgang Schade, have invented certain new and useful improvements as described in U.S. patent application, entitled **METHOD OF DETECTING MOLECULES AND OPTICAL SENSOR**, the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office ("USPTO") by Application No. 14/112,976, internationally filed April 19, 2012, ("Invention"); and

WHEREAS, **Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.**, a corporation in the Country of Germany, and having an address of Hansastraße 27c, 80686 München, Germany (together with its successors and assigns, the "Assignee"), seeks to memorialize its ownership of the entire right, title and interest in and to the Invention;

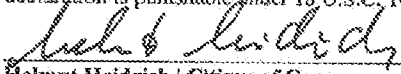
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

I authorize the Assignee to insert in this instrument the filing date and application number of the application when ascertained. I hereby authorize the Assignee (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries.

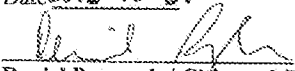
I represent to the Assignee that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this assignment, to execute all oaths, declarations, assignments, powers of attorney and other papers necessary to perfect and vest title to the rights assigned herein to the Assignee; and will render all assistance in filing, obtaining, maintaining, and enforcing any patent (or similar legal protection) on the Invention in any and all countries.

## DECLARATION

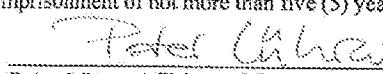
I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

  
Helmut Heidrich | Citizen of Germany

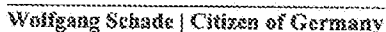
Date 2013-10-31

  
Daniel Pergande | Citizen of Germany

Date 2013-10-31

  
Peter Lützow | Citizen of Germany

Date 2013-11-05

  
Wolfgang Schade | Citizen of Germany

Date \_\_\_\_\_

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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

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I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

\_\_\_\_\_  
**Helmut Heidrich | Citizen of Germany**

Date \_\_\_\_\_

\_\_\_\_\_  
**Daniel Pergande | Citizen of Germany**

Date \_\_\_\_\_

\_\_\_\_\_  
**Peter Lützow | Citizen of Germany**

Date \_\_\_\_\_

\_\_\_\_\_  
**Wolfgang Schade | Citizen of Germany**

Date 04/02/2013