

## 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>Andrea M. Armani</td> <td>12/04/2008</td> </tr> <tr> <td>Akinleye C. Alabi</td> <td>12/02/2008</td> </tr> <tr> <td>Mark E. Davis</td> <td>12/02/2008</td> </tr> <tr> <td>Richard C. Flagan</td> <td>12/10/2008</td> </tr> <tr> <td>Scott E. Fraser</td> <td>12/10/2008</td> </tr> </tbody> </table>		Name	Execution Date	Andrea M. Armani	12/04/2008	Akinleye C. Alabi	12/02/2008	Mark E. Davis	12/02/2008	Richard C. Flagan	12/10/2008	Scott E. Fraser	12/10/2008
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<table border="1"> <tr> <td>Name:</td> <td>CALIFORNIA INSTITUTE OF TECHNOLOGY</td> </tr> <tr> <td>Street Address:</td> <td>1200 East California Boulevard, MC 201-85</td> </tr> <tr> <td>City:</td> <td>Pasadena</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>91125</td> </tr> </table>		Name:	CALIFORNIA INSTITUTE OF TECHNOLOGY	Street Address:	1200 East California Boulevard, MC 201-85	City:	Pasadena	State/Country:	CALIFORNIA	Postal Code:	91125		
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CORRESPONDENCE DATA													
<p>Fax Number: (949)625-8955          Phone: 949-724-1849          Email: jll@viplawgroup.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Vista IP Law Group LLP          Address Line 1: 2040 MAIN STREET, Suite 710          Address Line 4: IRVINE, CALIFORNIA 92614</p>													
ATTORNEY DOCKET NUMBER:	CIT-006-US2(CON1)												
NAME OF SUBMITTER:	Gary D. Lueck												

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Total Attachments: 5

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## ASSIGNMENT

WHEREAS, We, **Andrea M. Armani**, a citizen of the United States of America, residing at 497 East California Boulevard, #120, Pasadena, California 91106; **Akinleye C. Alabi**, a citizen of Nigeria, residing at 2472 Oneida Street, Pasadena, California 91107; **Mark E. Davis**, a citizen of the United States of America, residing at 575 Laguna Road, Pasadena, California 91105; **Richard C. Flagan**, a citizen of the United States of America, residing at 3190 San Pasqual Street, Pasadena, California 91107; and **Scott E. Fraser**, a citizen of the United States of America, residing at 503 Dartmouth Place, La Canada, California 91011 (hereinafter referred to as "**ASSIGNORS**"), have invented certain new and useful improvements disclosed in United States Provisional Application No. 61/004,580 entitled SURFACE FUNCTIONALIZATION FOR RESONANT CAVITY SENSORS, filed On November 28, 2007, and in United States Non-Provisional Patent Application No. 12/324,605, filed on November 26, 2008, entitled CLICK CHEMISTRY SURFACE FUNCTIONALIZATION FOR RESONANT CAVITY SENSORS, which claims priority to said Provisional Applications,

WHEREAS, **CALIFORNIA INSTITUTE OF TECHNOLOGY**, 1200 East California Boulevard, MC 201-85, Pasadena, California 91125, United States of America, (hereinafter referred to as "**ASSIGNEE**"), is desirous of acquiring the exclusive right, title and interest in, to and under said inventions described in said Provisional and Non-Provisional Applications and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto related to said Provisional and Non-Provisional Applications.

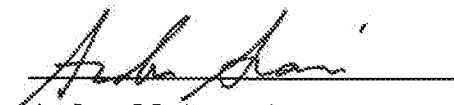
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, **ASSIGNORS** hereby sell, assign, transfer and set over unto the said **ASSIGNEE**, its successors and assigns, the full and exclusive right, title and interest to said invention and to said Provisional and Non-Provisional Applications, all Letters Patents or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said Provisional and Non-Provisional Applications, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and **ASSIGNORS** hereby authorize and request the United States Commissioner of Patents and Trademarks, and any

officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof, to issue said patents to ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

Date: 12/4/08

  
Andrea M. Armani

Date: \_\_\_\_\_

\_\_\_\_\_  
Akinleye C. Alabi

Date: \_\_\_\_\_

\_\_\_\_\_  
Mark E. Davis

Date: \_\_\_\_\_

\_\_\_\_\_  
Richard C. Flagan

Date: \_\_\_\_\_

\_\_\_\_\_  
Scott E. Fraser

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Date: \_\_\_\_\_

\_\_\_\_\_  
**Andrea M. Armani**

Date: Dec. 2, 2008

  
**Akinleye C. Alabi**

Date: Dec. 2, 2008

  
**Mark E. Davis**

Date: \_\_\_\_\_

\_\_\_\_\_  
**Richard C. Flagan**

Date: \_\_\_\_\_

\_\_\_\_\_  
**Scott E. Fraser**

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Date: \_\_\_\_\_

\_\_\_\_\_  
**Andrea M. Armani**

Date: \_\_\_\_\_

\_\_\_\_\_  
**Akinleye C. Alabi**

Date: \_\_\_\_\_

\_\_\_\_\_  
**Mark E. Davis**

Date: Dec. 10, 2008

  
**Richard C. Flagan**

Date: \_\_\_\_\_

\_\_\_\_\_  
**Scott E. Fraser**

CIT-006-US1 (5036)

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Date: \_\_\_\_\_

\_\_\_\_\_  
**Andrea M. Armani**

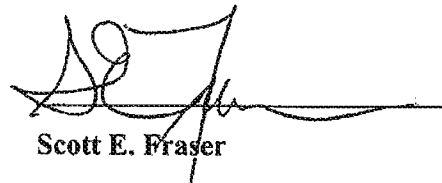
Date: \_\_\_\_\_

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**Akinleye C. Alabi**

Date: \_\_\_\_\_

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**Mark E. Davis**

Date: \_\_\_\_\_

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**Richard C. Flagan**Date: 10 Dec 08  
**Scott E. Fraser**