

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Chung-Fan Chiou</td><td>04/15/2011</td></tr> <tr><td>Ying-Chih Pu</td><td>04/15/2011</td></tr> <tr><td>Chao-Chi Pan</td><td>04/15/2011</td></tr> <tr><td>Chih-Tsung Shih</td><td>04/29/2011</td></tr> <tr><td>Ming-Chia Li</td><td>05/18/2011</td></tr> <tr><td>Chein-Shiu Kuo</td><td>05/18/2011</td></tr> <tr><td>Hung-Chi Chien</td><td>05/18/2011</td></tr> <tr><td>Chang-Sheng Chu</td><td>05/19/2011</td></tr> </tbody> </table>		Name	Execution Date	Chung-Fan Chiou	04/15/2011	Ying-Chih Pu	04/15/2011	Chao-Chi Pan	04/15/2011	Chih-Tsung Shih	04/29/2011	Ming-Chia Li	05/18/2011	Chein-Shiu Kuo	05/18/2011	Hung-Chi Chien	05/18/2011	Chang-Sheng Chu	05/19/2011
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RECEIVING PARTY DATA																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;">Name:</td><td>Industrial Technology Research Institute</td></tr> <tr><td>Street Address:</td><td>No. 195, Sec. 4, Chung Hsing Rd., Chutung</td></tr> <tr><td>City:</td><td>Hsinchu</td></tr> <tr><td>State/Country:</td><td>TAIWAN</td></tr> <tr><td>Postal Code:</td><td>31040</td></tr> </table>		Name:	Industrial Technology Research Institute	Street Address:	No. 195, Sec. 4, Chung Hsing Rd., Chutung	City:	Hsinchu	State/Country:	TAIWAN	Postal Code:	31040								
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CORRESPONDENCE DATA																			
<p>Fax Number: (202)408-4400</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 617.452.1605</p> <p>Email: kathleen.camire@finnegan.com</p> <p>Correspondent Name: Finnegan Henderson Farabow Garrett & Du</p> <p>Address Line 1: 901 New York Avenue, NW</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20001-4413</p>																			
ATTORNEY DOCKET NUMBER:	09708.0014-00000																		

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PATENT
REEL: 026339 FRAME: 0588

NAME OF SUBMITTER:

Matthew A. Trammell

Total Attachments: 5

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ASSIGNMENT

WHEREAS we, the below named inventors (hereinafter referred to as Assignors) have made an invention entitled:

SINGLE-MOLECULE DETECTION SYSTEM AND METHODS

identified as U.S. Patent Application No. 13/046,457, filed on March 11, 2011, which claims priority to U.S. provisional patent application No. 61/314,037, filed March 15, 2010; and

WHEREAS, INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, whose post office address is No. 195, Sec. 4, Chung Hsing Rd., Chutung, Hsinchu 31040, Taiwan (R.O.C.) (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, we, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this application, and all subsequent non-provisional applications for this invention, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

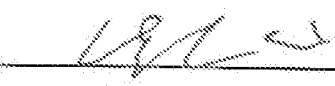
AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

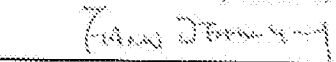
Name: Chung-Fan Chiou

Address: No. 69, Sanmin Rd., Cyonglin Township, Hsinchu City 307, Taiwan (R.O.C.)

By: 

Date: Apr. 15, 2011

Witness 1: Jenn-Yeh Fann
(Print Name)

Witness 1: 
(Signature)

Witness 2: Li Yu Tang
(Print Name)

Witness 2: 
(Signature)

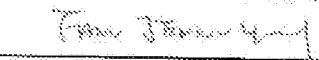
Name: Ying-Chih Pu

Address: No. 17, Aly. 29, Ln. 43, Yunong Rd., East District, Tainan City 701, Taiwan (R.O.C.)

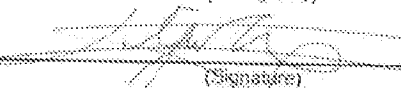
By: 

Date: Apr. 15, 2011

Witness 1: Jenn-Yeh Fann
(Print Name)

Witness 1: 
(Signature)

Witness 2: Li Yu Tang
(Print Name)

Witness 2: 
(Signature)

Name: Chao-Chi Pan
Address: No. 135, Zefan Rd., East District, Hsinchu City 300, Taiwan (R.O.C.)

By: Chao-Chi Pan

Date: Apr. 15, 2011

Witness 1: Jenn-Yeh Fann
(Print Name)

Witness 1: Fann J
(Signature)

Witness 2: Li Yu Tang
(Print Name)

Witness 2: [Signature]
(Signature)

Name: Chih-Tsung Shih
Address: 7F., No. 2, Nanzhong St., North District, Hsinchu City 300, Taiwan (R.O.C.)

By: Chih Tsung Shih

Date: Apr. 29, 2011

Witness 1: Jenn-Yeh Fann
(Print Name)

Witness 1: Fann J
(Signature)

Witness 2: Li Yu Tang
(Print Name)

Witness 2: [Signature]
(Signature)

Name: Ming-Chia Li

Address: No.149, Zhongxiao St., Dajia Township, Taichung County 437, Taiwan (R.O.C.)

By: Ming-Chia Li

Date: May 18, 2011

Witness 1: Jenn-Yeh Fann
(Print Name)

Witness 1: Fann Jann-Yeh
(Signature)

Witness 2: Li Yu Tang
(Print Name)

Witness 2: Li Yu Tang
(Signature)

Name: Chein-Shiu Kuo

Address: 2F., No.18, Ln. 144, Anle Rd., Yonghe City, Taipei County 234, Taiwan (R.O.C.)

By: Che-Shiu Kuo

Date: May 18, 2011

Witness 1: Jenn-Yeh Fann
(Print Name)

Witness 1: Fann Jann-Yeh
(Signature)

Witness 2: Li Yu Tang
(Print Name)

Witness 2: Li Yu Tang
(Signature)

Name: Hung-Chi Chien

Address: No.13, Aly. 1, Ln. 57, Minghu Rd., East District, Hsinchu City 300, Taiwan (R.O.C.)

By: Hung-chi Chien

Date: 05.18.2011

Witness 1: Jenn-Yeh Fann
(Print Name)

Witness 1: Fann Jenn-Yeh
(Signature)

Witness 2: Li Yu Tang
(Print Name)

Witness 2: [Signature]
(Signature)

Name: Chang-Sheng Chu

Address: 1F., No.16, Aly. 50, Ln. 367, Sec. 1, Guangfu Rd., Hsinchu City 300, Taiwan (R.O.C.)

By: Chang-Sheng Chu

Date: May 19, 2011

Witness 1: Jenn-Yeh Fann
(Print Name)

Witness 1: Fann Jenn-Yeh
(Signature)

Witness 2: Li Yu Tang
(Print Name)

Witness 2: [Signature]
(Signature)