

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Chung-Fan Chiou</td><td>05/27/2011</td></tr><tr><td>Chao-Chi Pan</td><td>05/27/2011</td></tr><tr><td>Jenn-Yeh Fann</td><td>05/27/2011</td></tr><tr><td>Shang-Chia Chang</td><td>05/27/2011</td></tr><tr><td>Tsu-Ju Fu</td><td>05/26/2011</td></tr></tbody></table>	Name	Execution Date	Chung-Fan Chiou	05/27/2011	Chao-Chi Pan	05/27/2011	Jenn-Yeh Fann	05/27/2011	Shang-Chia Chang	05/27/2011	Tsu-Ju Fu	05/26/2011	
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RECEIVING PARTY DATA													
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State/Country:	TAIWAN												
Postal Code:	31040												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13117565</td></tr></tbody></table>	Property Type	Number	Application Number:	13117565									
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CORRESPONDENCE DATA													
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NAME OF SUBMITTER:	Matthew A. Trammell												
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif													

OP \$40.00 13117565

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PATENT  
REEL: 026367 FRAME: 0884

### ASSIGNMENT

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

#### COMPOSITIONS AND METHODS FOR SEQUENCING NUCLEIC ACIDS

identified as U.S. Patent Application No. \_\_\_\_\_, filed on \_\_\_\_\_, 2011, which claims priority to U.S. provisional patent application No. 61/350,693, filed June 2, 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.

AND, WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 13/117,565 Filed 5-27-11 ) the filing date and application number of said application when known.

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: 5.27.2011

Witness 1: Li Yu Tang  
(Print Name)

Witness 1:   
(Signature)

Witness 2: Chang Sheng Chu  
(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: 5.27.2011

Witness 1: Li Yu Tang  
(Print Name)

Witness 1:   
(Signature)

Witness 2: Chang Sheng Chu  
(Print Name)

Witness 2:   
(Signature)

Name: Jenn-Yeh Fann  
Address: No. 8, Gongzigou, Guanxi Township, Hsinchu County 306, Taiwan (R.O.C.)

By: Fann Jenn-Yeh

Date: May 27, 2011

Witness 1: Li Yu Tang  
(Print Name)

Witness 1: Li Yu Tang  
(Signature)

Witness 2: Chang Sheng Chu  
(Print Name)

Witness 2: Chang Sheng Chu  
(Signature)

Name: Shang-Chia Chang  
Address: 5F., No. 296-6, Dong Sec. 1, Guangming 6<sup>th</sup> Rd., Zhubei City, Hsinchu County 302, Taiwan (R.O.C.)

By: Shang-Chia Chang

Date: May 27, 2011

Witness 1: Li Yu Tang  
(Print Name)

Witness 1: Li Yu Tang  
(Signature)

Witness 2: Chang Sheng Chu  
(Print Name)

Witness 2: Chang Sheng Chu  
(Signature)

Name: Tsu-Ju Fu  
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By: T.-J. Fu

Date: May 26, 2011

Witness 1: Li Yu Tang  
(Print Name)

Witness 1: [Signature]  
(Signature)

Witness 2: Chang Shong Chou  
(Print Name)

Witness 2: [Signature]  
(Signature)