

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>Rustem F. Ismagilov</td> <td>05/16/2012</td> </tr> <tr> <td>Bing Sun</td> <td>07/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Rustem F. Ismagilov	05/16/2012	Bing Sun	07/02/2012
Name	Execution Date						
Rustem F. Ismagilov	05/16/2012						
Bing Sun	07/02/2012						
RECEIVING PARTY DATA							
Name:	Califomia Institute Of Technology						
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Internal Address:	MC 210-85						
City:	Pasadena						
State/Country:	CALIFORNIA						
Postal Code:	91125						
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>13440371</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13440371		
Property Type	Number						
Application Number:	13440371						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	CTSC-0093 / CIT-6147-CIP						
NAME OF SUBMITTER:	Faith A. Poore						
Total Attachments: 4 source=CTSC-0093-Assignments#page1.tif source=CTSC-0093-Assignments#page2.tif source=CTSC-0093-Assignments#page3.tif source=CTSC-0093-Assignments#page4.tif							

CH \$40.00 13440371

ASSIGNMENT

WHEREAS, I, **Rustem F. Ismagilov**, a citizen of **United States**, residing at **525 South Catalina Avenue, Pasadena, California 91106**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **CTSC-0093 / CIT-6147-CIP** (“the invention”), assigned application number **13/440,371** filed **April 5, 2012**, which is entitled **ANALYSIS DEVICES, KITS, AND RELATED METHODS FOR DIGITAL QUANTIFICATION OF NUCLEIC ACIDS AND OTHER ANALYTES** (“the subject application”), and which claims priority to patent application number **61/516,628** filed **April 5, 2011** (“the priority application”).

AND WHEREAS, **California Institute of Technology**, ASSIGNEE, having a place of business at **1200 East California Boulevard, MC 210-85, Pasadena, California 91125**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors’ certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal

DOCKET NO.: CTSC-0093 / CIT-6147-CIP

representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 16 day of May, year of 2012.

Rustem F. Ismagilov
Signature – Rustem F. Ismagilov

STATEMENT OF WITNESS

SIGNED at Pasadena, California, USA
(City) (State) (Country)

This 16th day of May, 2012.

I, Bridget Samuels whose full
residence address is 840 Greenridge Dr., La Cañada, CA 91011

was personally present and did see **Rustem F. Ismagilov** execute the above assignment on the 16th day of May, 2012, and such assignor is personally known to me to be the person described in such document.

[Signature]
Signature of Witness

ASSIGNMENT

WHEREAS, I, **Bing Sun**, a citizen of **United States**, residing at **1380 East Hyde Park Boulevard, Apt. 507, Chicago, Illinois 60615**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **CTSC-0093 / CIT-6147-CIP** ("the invention"), assigned application number **13/440,371** filed **April 5, 2012**, which is entitled **ANALYSIS DEVICES, KITS, AND RELATED METHODS FOR DIGITAL QUANTIFICATION OF NUCLEIC ACIDS AND OTHER ANALYTES** ("the subject application"), and which claims priority to patent application number **61/516,628** filed **April 5, 2011** ("the priority application").

AND WHEREAS, **California Institute of Technology**, ASSIGNEE, having a place of business at **1200 East California Boulevard, MC 210-85, Pasadena, California 91125**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal

representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 2nd day of July, year of 2012



Signature – Bing Sun


STATEMENT OF WITNESS

SIGNED at Pasadena CA United States
(City) (State) (Country)

This 2nd day of July, 2012.

I, Songzi Kou whose full
residence address is 235 S. Holliston Ave., Unit #114,
Pasadena, CA 91106

was personally present and did see **Bing Sun** execute the above assignment on the 2nd day of July, 2012, and such assignor is personally known to me to be the person described in such document.


Signature of Witness