

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Bin LI</td> <td>05/15/2013</td> </tr> <tr> <td>Zhoutao CHEN</td> <td>05/15/2013</td> </tr> <tr> <td>Tanya BIORAC</td> <td>05/15/2013</td> </tr> <tr> <td>Melvin WEI</td> <td>05/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Bin LI	05/15/2013	Zhoutao CHEN	05/15/2013	Tanya BIORAC	05/15/2013	Melvin WEI	05/15/2013
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>LIFE TECHNOLOGIES CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>5791 Van Allen Way</td> </tr> <tr> <td>City:</td> <td>Carlsbad</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92008</td> </tr> </table>		Name:	LIFE TECHNOLOGIES CORPORATION	Street Address:	5791 Van Allen Way	City:	Carlsbad	State/Country:	CALIFORNIA	Postal Code:	92008
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13877203</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13877203						
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CORRESPONDENCE DATA											
<p>Fax Number: 7602688393 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 650-638-6464 Email: LifetechDocket@system.foundationip.com</p> <p>Correspondent Name: Life Technologies Corporation Address Line 1: 5791 Van Allen Way Address Line 2: IP Department Address Line 4: Carlsbad, CALIFORNIA 92008</p>											
ATTORNEY DOCKET NUMBER:	LT00298 US										
NAME OF SUBMITTER:	Mila T. Kasan										
Signature:	/Mila T. Kasan/										

PATENT

Date:

05/15/2013

Total Attachments: 4

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged, I/we:

1. Bin LI, a citizen of CN; having a mailing address of
Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, California 92008;
and a resident of **Palo Alto, CA.**

2. Zhoutao CHEN, a citizen of CA; having a mailing address of
Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, California 92008;
and a resident of **Carlsbad, CA.**

3. Tanya BIORAC, a citizen of US; having a mailing address of
Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, California 92008
and a resident of **Escondido, CA.**

4. Melvin WEI, a citizen of US; having a mailing address of
Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, California 92008
and a resident of **San Marcos, CA.**

do hereby SELL, ASSIGN, AND TRANSFER to **LIFE TECHNOLOGIES CORPORATION**, (the "Assignee", a corporation of the State of Delaware) having a place of business at 5791 Van Allen Way, Carlsbad, California 92008, USA the entire right, title, and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in United States Non-provisional Patent Application, Serial No. 13/877,203, filed on April 1, 2013 entitled NUCLEIC ACID ADAPTORS AND USES THEREOF, and such applications and all divisional, continuing, substitute, renewal, reissue, and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned; and

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible for which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining, and enforcing proper patent protection for such improvements.

ASSIGNOR(S) HEREBY AUTHORIZE AND REQUEST the assignee's agents associated with customer number 52059 to insert above the filing date and application number of said application when known.

TO BE BINDING on the heirs, assigns, representatives, and successors of the undersigned and extend to the successors, assigns, and nominees of the Assignee.

Signature: Bin Li
Name (1) Bin LI

Date: 5/15/2013

Signature: _____
Name (2) Zhoutao CHEN

Date: _____

Signature: _____
Name (3) Tanya BIORAC

Date: _____

Signature: _____
Name (4) Melvin WEI

Date: _____

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AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned; and

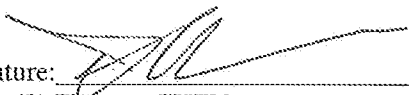
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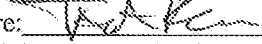
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Signature: _____
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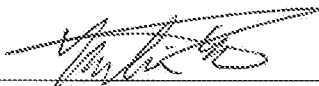
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