

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2704553

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>LINDA WONG</td> <td>01/28/2014</td> </tr> <tr> <td>CAIFU CHEN</td> <td>01/28/2014</td> </tr> <tr> <td>YALEI WU</td> <td>01/28/2014</td> </tr> <tr> <td>SHOULIAN DONG</td> <td>01/28/2014</td> </tr> <tr> <td>CHUNMEI LIU</td> <td>01/29/2014</td> </tr> </tbody> </table>		Name	Execution Date	LINDA WONG	01/28/2014	CAIFU CHEN	01/28/2014	YALEI WU	01/28/2014	SHOULIAN DONG	01/28/2014	CHUNMEI LIU	01/29/2014
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<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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CORRESPONDENCE DATA													
Fax Number:	(760)476-6048												
Phone:	760-603-7200												
Email:	lifetechdocket@system.foundationip.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	LIFE TECHNOLOGIES CORPORATION												
Address Line 1:	5791 VAN ALLEN WAY												
Address Line 4:	CARLSBAD, CALIFORNIA 92008												
ATTORNEY DOCKET NUMBER:	LT00641 US												
NAME OF SUBMITTER:	ANGELA Y. MCGOWAN												

Signature:	/Angela Y. McGowan/
Date:	01/29/2014
Total Attachments: 3 source=LT00641_US_Executed_Assignment#page1.tif source=LT00641_US_Executed_Assignment#page2.tif source=LT00641_US_Executed_Assignment#page3.tif	

ASSIGNMENT

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

1. Linda WONG, a citizen of US; having a mailing address of
Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, California 92008;
and a resident of **San Bruno, CA.**

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

3. Yalei WU, a citizen of US; having a mailing address of
LIFE TECHNOLOGIES CORPORATION, 850 Lincoln Centre Dr, Foster City, California 94404;
and a resident of **Foster City, CA.**

4. Shouliao DONG, a citizen of US; having a mailing address of
Life Technologies Corporation, 850 Lincoln Centre Drive, Foster City, California 94404;
and a resident of **Mountain View, CA.**

5. Chunmei LIU, a citizen of US; having a mailing address of
LIFE TECHNOLOGIES CORPORATION, 5791 Van Allen Way, Carlsbad, CA 92008;
and a resident of **Palo Alto, 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

(1) any and all inventions, improvements, know-how, and other subject matter described, disclosed, or contained (whether claimed or not) in (a) United States Non-provisional Patent Application, Serial No. 14/233,711, filed on January 17, 2014 entitled Small RNA Capture, Detection and Quantification, (b) all divisional, continuing, design, utility model, substitute, renewal, reissue, reexamination, and all other applications for patent which have been

or shall be filed in the United States and all foreign countries that claim priority to or through, any of the foregoing applications; and (c) all original, reissued and reexamined patents which have been or shall be issued in the United States or any foreign country on or resulting from any of the applications referenced in (a) or (b);

(2) any and all inventions, improvements, know-how, and other subject matter described, disclosed, or contained (whether claimed or not) in any of the foregoing applications and patents;

(3) the right to file foreign applications under the provisions of any convention or treaty and claim priority based on any of the foregoing applications in the United States or any other country; and

(4) the copyright in any and all material described, disclosed, or contained in the foregoing applications and patents;

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

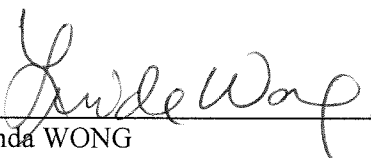
WARRANT AND COVENANT that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned; and

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 (1) execute any and all papers and documents (including without limitation oaths, declarations, assignments, and powers of attorney) and perform any and all acts reasonably necessary in connection with the filing, prosecution, and issuance of each of the patent applications and patents referenced herein; (2) communicate to the Assignee all facts known to the undersigned relating to each of the patent applications, patents, and improvements referenced herein, and the history thereof; and (3) generally do everything possible that the Assignee shall reasonably consider desirable to vest title in Assignee in and to each of the patent applications, patents, and improvements referenced herein and for securing, maintaining, and enforcing proper patent protections for inventions, improvements, know-how, and other subject matter referenced herein.

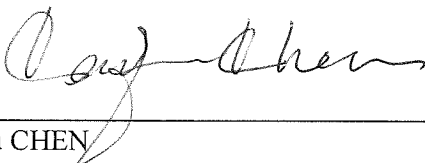
ASSIGNOR(S) HEREBY AUTHORIZE AND REQUEST the assignee's agents associated with customer number 52059 to insert above the filing date and application number of said application when known.

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

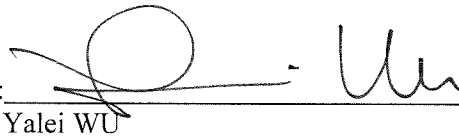
SEVERABILITY. If a provision of this Assignment is or becomes illegal, invalid, or unenforceable in any jurisdiction, that shall not affect (a) the validity or enforceability in that jurisdiction of any other provision of this Assignment, or (b) the validity or enforceability in other jurisdictions of that or any other provision of this Assignment.

Signature: 
Name (1) Linda WONG

Date: 01/28/2014

Signature: 
Name (2) Caifu CHEN

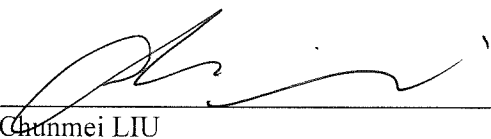
Date: 1/28/14

Signature: 
Name (3) Yalei WU

Date: 1/28/2014

Signature: 
Name (4) Shoulian DONG

Date: 1/28/2014

Signature: 
Name (5) Chunmei LIU

Date: 01/29/2014