

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Robert Batchelor</td> <td>06/13/2013</td> </tr> <tr> <td>Yue Ge</td> <td>05/16/2013</td> </tr> <tr> <td>Kyle Gee</td> <td>05/07/2013</td> </tr> <tr> <td>Iain Johnson</td> <td>05/23/2013</td> </tr> <tr> <td>Jixiang Liu</td> <td>04/17/2013</td> </tr> <tr> <td>Brian Patch</td> <td>05/08/2013</td> </tr> <tr> <td>Thomas Steinberg</td> <td>07/03/2013</td> </tr> </tbody> </table>		Name	Execution Date	Robert Batchelor	06/13/2013	Yue Ge	05/16/2013	Kyle Gee	05/07/2013	Iain Johnson	05/23/2013	Jixiang Liu	04/17/2013	Brian Patch	05/08/2013	Thomas Steinberg	07/03/2013
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Brian Patch	05/08/2013																
Thomas Steinberg	07/03/2013																
<b>RECEIVING PARTY DATA</b>																	
Name:	LIFE TECHNOLOGIES CORPORATION																
Street Address:	5791 Van Allen Way																
Internal Address:	Attn: IP Department																
City:	Carlsbad																
State/Country:	CALIFORNIA																
Postal Code:	92008																
<b>PROPERTY NUMBERS Total: 1</b>																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10980139</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10980139												
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<b>CORRESPONDENCE DATA</b>																	
Fax Number:	7602688393																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	760-603-7200																
Email:	lifetechdocket@system.foundationip.com																
Correspondent Name:	LIFE TECHNOLOGIES CORPORATION																
Address Line 1:	5791 Van Allen Way																
Address Line 2:	Attn: IP Department																
Address Line 4:	Carlsbad, CALIFORNIA 92008																

CH \$40.00 10980139

ATTORNEY DOCKET NUMBER:	IVGN 712
NAME OF SUBMITTER:	Terrie Uridil-Slayton
Signature:	/Terrie Uridil-Slayton/
Date:	07/09/2013
Total Attachments: 9 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif source=ASSIGNMENT#page3.tif source=ASSIGNMENT#page4.tif source=ASSIGNMENT#page5.tif source=ASSIGNMENT#page6.tif source=ASSIGNMENT#page7.tif source=ASSIGNMENT#page8.tif source=ASSIGNMENT#page9.tif	

**ASSIGNMENT**

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

1. Robert Batchelor, a citizen of US; having a mailing address of  
1293 Risdén Place, Eugene, OR 97404

and a resident of **Eugene, OR.**

2. Yue GE, a citizen of US; having a mailing address of  
2011 Roland Glen Rd., Cary, NC 27519

and a resident of **Cary, NC.**

3. Kyle GEE, a citizen of US; having a mailing address of  
Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, California 92008;

and a resident of **Springfield, OR.**

4. Iain JOHNSON, a citizen of US; having a mailing address of  
2740 Almadén Street, Eugene, OR 97405

and a resident of **Eugene, OR.**

5. Wai-Yee LEUNG, a citizen of US; having a mailing address of

\_\_\_\_\_  
and a resident of **San Ramon, CA.**

6. Jixiang LIU, a citizen of US; having a mailing address of  
910 Rockefeller Dr., #5B, Sunnyvale, CA 94087

and a resident of ~~Eugene, OR.~~ Sunnyvale, CA JL, 4/17/13

7. Brian PATCH, a citizen of US; having a mailing address of  
Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, California 92008;

and a resident of **Eugene, OR.**

8. Peter SMALLEY, a citizen of US; having a mailing address of

---

and a resident of **Seattle, WA.**

9. Thomas STEINBERG, a citizen of US; having a mailing address of  
1830 Washington Street, Eugene, OR 97401

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and a resident of **Eugene, OR.**

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. 10/980,139, filed on November 1, 2004 entitled Fluorinated resorufin compounds and their application, 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;

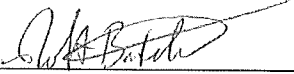
WARRANT AND COVENANT that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned; and

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:   
Name (1) Robert Batchelor

Date: June 13, 2013

Signature: \_\_\_\_\_  
Name (2) Yue GE

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name (3) Kyle GEE

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name (4) Iain JOHNSON

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name (5) Wai-Yee LEUNG

Date: \_\_\_\_\_


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Signature: \_\_\_\_\_  
Name (1) Robert Batchelor

Date: \_\_\_\_\_

Signature:  \_\_\_\_\_  
Name (2) Yue GE

Date: 5/16/2013

Signature: \_\_\_\_\_  
Name (3) Kyle GEE

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name (4) Iain JOHNSON

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
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Signature: \_\_\_\_\_  
Name (1) Robert Batchelor

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name (2) Yue GE

Date: \_\_\_\_\_

Signature: *Kyle Gee*  
Name (3) Kyle GEE

Date: *May 7, 2013*

Signature: \_\_\_\_\_  
Name (4) Iain JOHNSON

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name (5) Wai-Yee LEUNG

Date: \_\_\_\_\_

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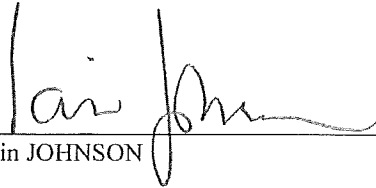
Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name (2) Yue GE

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name (3) Kyle GEE

Date: \_\_\_\_\_

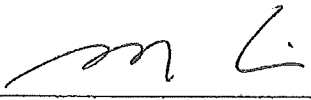
Signature:  \_\_\_\_\_  
Name (4) Iain JOHNSON

Date: May 23 2013

Signature: \_\_\_\_\_  
Name (5) Wai-Yee LEUNG

Date: \_\_\_\_\_



Signature:   
Name (6) Jixiang LIU

Date: 4/17/2013

Signature: \_\_\_\_\_  
Name (7) Brian PATCH

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name (8) Peter SMALLEY

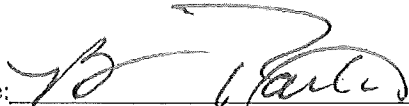
Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name (9) Thomas STEINBERG

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name (6) Jixiang LIU

Date: \_\_\_\_\_

Signature:  \_\_\_\_\_  
Name (7) Brian PATCH

Date: May 8 2013

Signature: \_\_\_\_\_  
Name (8) Peter SMALLEY

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name (9) Thomas STEINBERG

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name (6) Jixiang LIU

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name (7) Brian PATCH

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name (8) Peter SMALLEY

Date: \_\_\_\_\_

Signature: Thomas Steinberg  
Name (9) Thomas STEINBERG

Date: July 3, 2013