

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>Jonathan Rothberg</td> <td>04/15/2011</td> </tr> <tr> <td>Wolfgang Hinz</td> <td>03/31/2011</td> </tr> <tr> <td>Kim Johnson</td> <td>04/11/2011</td> </tr> <tr> <td>James Bustillo</td> <td>04/04/2011</td> </tr> <tr> <td>John Leamon</td> <td>03/31/2011</td> </tr> <tr> <td>Jonathan Schultz</td> <td>04/26/2011</td> </tr> </tbody> </table>		Name	Execution Date	Jonathan Rothberg	04/15/2011	Wolfgang Hinz	03/31/2011	Kim Johnson	04/11/2011	James Bustillo	04/04/2011	John Leamon	03/31/2011	Jonathan Schultz	04/26/2011
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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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CORRESPONDENCE DATA															
<p>Fax Number: (760)268-8393</p> <p>Phone: 760-268-8709</p> <p>Email: lifetechdocket@system.foundationip.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Life Technologies Corporation</p> <p>Address Line 1: 5791 Van Allen Way</p> <p>Address Line 4: CARLSBAD, CALIFORNIA 92008</p>															
ATTORNEY DOCKET NUMBER:	LT00332 US CON														

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NAME OF SUBMITTER:

Brenda Mannon

Total Attachments: 8

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ASSIGNMENT

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

- 1 Jonathan ROTHBERG, residing at 1701 Moose Hill Road, Guilford, CT 06437 United States of America, citizen of US; and
- 2 Wolfgang HINZ, residing at 587 Route 148, Killingworth, CT 06419 United States of America, citizen of DE; and
- 3 Kim JOHNSON, residing at 1847 Lotus Court, Carlsbad, CA 92011 United States of America, citizen of US; and
- 4 James BUSTILLO, residing at 18396 Magee Way, Castro Valley, CA ~~95046~~ ⁹⁴⁵⁴⁶ United States of America, citizen of US; and
- 5 John LEAMON, residing at 251 Nortontown Road, Guilford, CT 06437 United States of America, citizen of US; and
- 6 Jonathan SCHULTZ, residing at 7 Jasmine Road, Oxford, MA 01540 United States of America, citizen of US; and

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 Kingdom Patent Application, Serial No. **GB0811656.8**, filed June 25, 2008; United Kingdom Patent Application, Serial No. **GB0811657.7**, filed June 25, 2008; International Patent Application No.

PCT/US09/03766, filed on June 25, 2009; and in United States Non-provisional Patent Application, Serial No. 13/001,182, filed on December 23, 2010 entitled METHODS AND APPARATUS FOR MEASURING ANALYTES USING LARGE SCALE FET ARRAYS, 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.

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) Jonathan ROTHBERG

Date: 4/15/2011

Signature: _____
Name (2) Wolfgang HINZ

Date: _____

Signature: _____
Name (3) Kim JOHNSON

Date: _____

Signature: _____
Name (4) James BUSTILLO

Date: _____

Signature: _____
Name (5) John LEAMON

Date: _____

Signature: _____
Name (6) Jonathan SCHULTZ

Date: _____

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) Jonathan ROTHBERG

Date: _____

Signature: _____
Name (2) Wolfgang HINZ

Date: 3/31/2011

Signature: _____
Name (3) Kim JOHNSON

Date: _____

Signature: _____
Name (4) James BUSTILLO

Date: _____

Signature: _____
Name (5) John LEAMON

Date: _____

Signature: _____
Name (6) Jonathan SCHULTZ

Date: _____

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) Jonathan ROTHBERG

Date: _____

Signature: _____
Name (2) Wolfgang HINZ

Date: _____

Signature: Kim Johnson
Name (3) Kim JOHNSON

Date: April 11, 2011

Signature: _____
Name (4) James BUSTILLO

Date: _____

Signature: _____
Name (5) John LEAMON

Date: _____

Signature: _____
Name (6) Jonathan SCHULTZ

Date: _____

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) Jonathan ROTHBERG

Date: _____

Signature: _____
Name (2) Wolfgang HINZ

Date: _____

Signature: _____
Name (3) Kim JOHNSON

Date: _____

Signature:  _____
Name (4) James BUSTILLO

Date: 4-4-2011

Signature: _____
Name (5) John LEAMON

Date: _____

Signature: _____
Name (6) Jonathan SCHULTZ

Date: _____

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) Jonathan ROTHBERG

Date: _____

Signature: _____
Name (2) Wolfgang HINZ

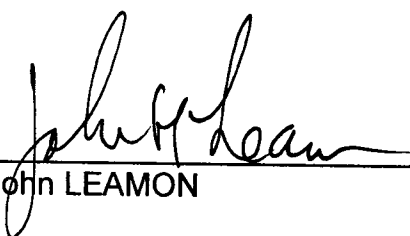
Date: _____

Signature: _____
Name (3) Kim JOHNSON

Date: _____

Signature: _____
Name (4) James BUSTILLO

Date: _____

Signature:  _____
Name (5) John LEAMON

Date: 03/31/2011

Signature: _____
Name (6) Jonathan SCHULTZ

Date: _____

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Date: _____

Signature: _____
Name (4) James BUSTILLO

Date: _____

Signature: _____
Name (5) John LEAMON

Date: _____

Signature:  _____
Name (6) Jonathan SCHULTZ

Date: 4/26/2011