

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Aldrich LAU</td> <td>09/22/2011</td> </tr> <tr> <td>Robert EASON</td> <td>09/26/2011</td> </tr> <tr> <td>Maxim BREVNOV</td> <td>09/26/2011</td> </tr> <tr> <td>Handong LI</td> <td>10/10/2011</td> </tr> <tr> <td>Kevin HACKER</td> <td>09/22/2011</td> </tr> </tbody> </table>		Name	Execution Date	Aldrich LAU	09/22/2011	Robert EASON	09/26/2011	Maxim BREVNOV	09/26/2011	Handong LI	10/10/2011	Kevin HACKER	09/22/2011
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RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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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PROPERTY NUMBERS Total: 3													
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PCT Number:	US1148693												
CORRESPONDENCE DATA													
<p>Fax Number: (760)268-8393</p> <p>Phone: (760)603-7200</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 Attn: IP D</p> <p>Address Line 1: 5791 Van Allen Way</p> <p>Address Line 4: Carlsbad, CALIFORNIA 92008</p>													
ATTORNEY DOCKET NUMBER:	LT00289												

CH \$120.00 13215157

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PATENT
REEL: 027186 FRAME: 0512

NAME OF SUBMITTER:

Priya D. Subramony

Total Attachments: 15

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ASSIGNMENT

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

- 1 Aldrich LAU, residing at 1941 Middlefield Road, Palo Alto, CA 94301 United States of America, citizen of US; and
- 2 Robert EASON, residing at 18439 Las Cumbres Road, Los Gatos, CA 95033 United States of America, citizen of US; and
- 3 Maxim BREVNOV, residing at 5866 Carmel Way, Union City, CA 94587 United States of America, citizen of RU; and
- 4 Handong LI, residing at 1352 Petal Way, San Jose, CA 95129 United States of America, citizen of CN; and
- 5 Kevin HACKER, residing at 10386 Alpine Dr., Cupertino, CA 95014 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 States Provisional Patent Application Serial No. **61/375,320** filed on August 20, 2010; International Patent Application No. **PCT/US2011/048693** filed on August 22, 2011; and in United States Non-Provisional Patent Application Serial No. **13/215,157** filed on August 22, 2011 entitled **MAGNETIC BEADS HAVING SURFACE GLYCOCONJUGATES AND USE 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.

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: Aldrich LAU
Name (1) Aldrich LAU

Date: Sept. 22, 2011

Signature: _____
Name (2) Robert EASON

Date: _____

Signature: _____
Name (3) Maxim BREVNOV

Date: _____

Signature: _____
Name (4) Handong LI

Date: _____

Signature: _____
Name (5) Kevin HACKER

Date: _____

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Signature: _____
Name (1) Aldrich LAU

Date: _____

Docket No. LT00289

Customer No. 52059

Signature: Robert G Eason
Name (2) Robert EASON

Date: 09/26/11

Signature: _____
Name (3) Maxim BREVNOV

Date: _____

Signature: _____
Name (4) Handong LI

Date: _____

Signature: _____
Name (5) Kevin HACKER

Date: _____

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Signature: _____
Name (1) Aldrich LAU

Date: _____

Signature: _____
Name (2) Robert EASON

Date: _____

Signature:  _____
Name (3) Maxim BREVNOV

Date: September 26, 2011

Signature: _____
Name (4) Handong LI

Date: _____

Signature: _____
Name (5) Kevin HACKER

Date: _____

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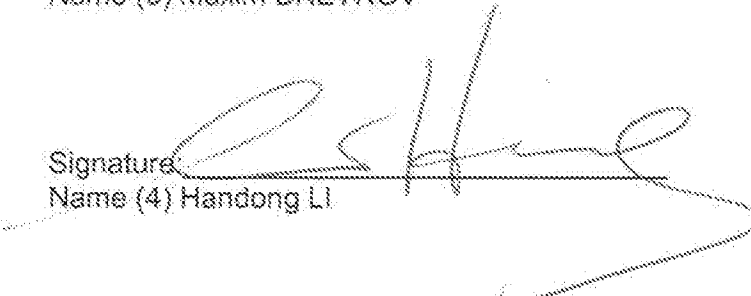
Date: _____

Signature: _____
Name (2) Robert EASON

Date: _____

Signature: _____
Name (3) Maxim BREVNOV

Date: _____

Signature:  _____
Name (4) Handong LI

Date: Oct. 10, 2011

Signature: _____
Name (5) Kevin HACKER

Date: _____

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Date: _____

Docket No. LT00289
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Signature: _____
Name (2) Robert EASON

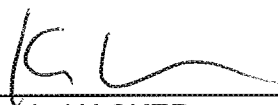
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Signature: _____
Name (3) Maxim BREVNOV

Date: _____

Signature: _____
Name (4) Handong LI

Date: _____

Signature:  _____
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Date: 9/22/11