

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Mathew Varghese</td> <td>04/06/2011</td> </tr> <tr> <td>Joseph O. Fiering</td> <td>02/16/2011</td> </tr> <tr> <td>Mark J. Mescher</td> <td>02/23/2011</td> </tr> <tr> <td>Jeffrey T. Borenstein</td> <td>02/15/2011</td> </tr> </tbody> </table>		Name	Execution Date	Mathew Varghese	04/06/2011	Joseph O. Fiering	02/16/2011	Mark J. Mescher	02/23/2011	Jeffrey T. Borenstein	02/15/2011
Name	Execution Date										
Mathew Varghese	04/06/2011										
Joseph O. Fiering	02/16/2011										
Mark J. Mescher	02/23/2011										
Jeffrey T. Borenstein	02/15/2011										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>The Charles Stark Draper Laboratory, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>555 Technology Square</td> </tr> <tr> <td>City:</td> <td>Cambridge</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02139</td> </tr> </table>		Name:	The Charles Stark Draper Laboratory, Inc.	Street Address:	555 Technology Square	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02139
Name:	The Charles Stark Draper Laboratory, Inc.										
Street Address:	555 Technology Square										
City:	Cambridge										
State/Country:	MASSACHUSETTS										
Postal Code:	02139										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12105805</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12105805						
Property Type	Number										
Application Number:	12105805										
CORRESPONDENCE DATA											
<p>Fax Number: (617)235-9492 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 212 596-9000 Email: petra.valentin@ropesgray.com</p> <p>Correspondent Name: Ropes & Gray LLP Address Line 1: 1211 Avenue of the Americas Address Line 4: New York, NEW YORK 10036</p>											
ATTORNEY DOCKET NUMBER:	CSDK-016-101										
NAME OF SUBMITTER:	Petra Valentin										
<p>Total Attachments: 6 source=Assignment#page1.tif</p>											

CH \$40.00 12105805

501496701

PATENT
REEL: 026104 FRAME: 0548

source=Assignment#page2.tif
source=Assignment#page3.tif
source=Assignment#page4.tif
source=Assignment#page5.tif
source=Assignment#page6.tif

ASSIGNMENT

WHEREAS, we, **Mathew Varghese, Jason O. Fiering, Mark J. Mescher, and Jeffrey T. Borenstein** (collectively "**ASSIGNORS**"), along with Donald E. Ingber, Nan Xia, and Chong Wing Yung, have invented a certain improvement in **METHODS AND APPARATUS FOR SEPARATING PARTICLES, CELLS, MOLECULES AND PARTICULATES** described in an application for Letters Patent of the United States, the specification of which:

[x] was filed on April 18, 2008 as Application No. 12/105805

WHEREAS, **The Charles Stark Draper Laboratory, Inc.** (hereinafter "**ASSIGNEE**"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, having principal offices at **555 Technology Square, Cambridge, Massachusetts 02139** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, **ASSIGNORS** have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said **ASSIGNEE**, its successors, assigns and legal representatives, **ASSIGNORS'** entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with **ASSIGNORS'** entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; said invention, application and Letters Patent to be held and enjoyed by said **ASSIGNEE** for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment not been made; **ASSIGNORS** hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. **ASSIGNORS** hereby acknowledge that this assignment, being of **ASSIGNORS'** entire right, title and interest in and to said invention, carries with it the right in **ASSIGNEE** to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of **ASSIGNEE's** selection and the right to procure the grant of all such Letters Patent to **ASSIGNEE** for its own name as assignee of the entire right, title and interest therein;

AND, **ASSIGNORS** hereby further agree for **ASSIGNORS** and **ASSIGNORS'** executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said **ASSIGNEE**, its successors, assigns and legal representatives, but at its or their expense and

charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, ASSIGNORS do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

The undersigned hereby authorizes Ropes & Gray LLP, of One International Place, Boston, MA 02110, to insert hereon any further identification information necessary or desirable for recordation of this document.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

Inventor's Signature: _____

Mathew Varghese

State/Commonwealth of _____)
County of Santa Clara)

On this 6th day of April, 2011, before me, the undersigned notary public, personally appeared Mathew Varghese, proved to me through satisfactory evidence of identification, which was U.S. Passport, to be the person whose name is signed on the preceding or attached document in my presence.

(SEAL)



Cetta McCarthy
Notary Public

My commission expires 5-8-13

ASSIGNMENT

WHEREAS, we, **Mathew Varghese, Jason O. Fiering, Mark J. Mescher, and Jeffrey T. Borenstein (collectively "ASSIGNORS")**, along with Donald E. Ingber, Nan Xia, and Chong Wing Yung, have invented a certain improvement in **METHODS AND APPARATUS FOR SEPARATING PARTICLES, CELLS, MOLECULES AND PARTICULATES** described in an application for Letters Patent of the United States, the specification of which:

[x] was filed on **April 18, 2008** as Application No. **12/105805**

WHEREAS, **The Charles Stark Draper Laboratory, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, having principal offices at **555 Technology Square, Cambridge, Massachusetts 02139** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, ASSIGNORS' entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with ASSIGNORS' entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment not been made; ASSIGNORS hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. ASSIGNORS hereby acknowledge that this assignment, being of ASSIGNORS' entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, ASSIGNORS hereby further agree for ASSIGNORS and ASSIGNORS' executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s)
the date set forth below.

Inventor's Signature: _____

Jason O. Fiering

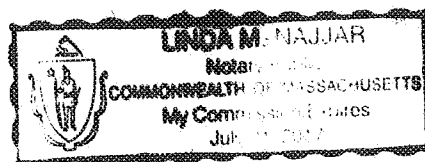
State of Massachusetts)
County of Middlesex)

On this 16th day of February, 20 11, before me, the undersigned notary public,
personally appeared **Jason O. Fiering**, proved to me through satisfactory evidence of
identification, which was Mass D.L., to be the person whose name is
signed on the preceding or attached document in my presence.

(SEAL)

Linda M. Najjar
Notary Public

My commission expires July 21, 2011



IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

Inventor's Signature: Mark J. Mescher
Mark J. Mescher

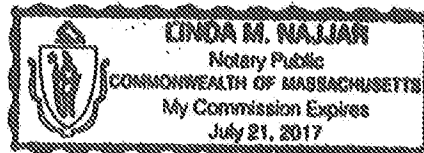
State of Massachusetts)
County of Middlesex)

On this 23rd day of February, 2011, before me, the undersigned notary public, personally appeared Mark J. Mescher, proved to me through satisfactory evidence of identification, which was MASS DL, to be the person whose name is signed on the preceding or attached document in my presence.

(SEAL)

Linda M. Najjar
Notary Public

My commission expires July 21, 2017



IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s)
the date set forth below.

Inventor's Signature: _____

Jeffrey T. Borenstein

State of Massachusetts)
County of Middlesex)

On this 15 day of February, 2011, before me, the undersigned notary public,
personally appeared **Jeffrey T. Borenstein**, proved to me through satisfactory evidence of
identification, which was MA. D.L., to be the person whose name is
signed on the preceding or attached document in my presence.

(SEAL)

Linda M. Najjar
Notary Public

My commission expires July 21, 2017

