

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2569441

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ADDENDUM TO ASSIGNMENT OF INVENTION AND PATENT RIGHTS										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>GREGORY KADUCHAK</td> <td>07/07/2010</td> </tr> <tr> <td>MICHAEL D. WARD</td> <td>07/07/2010</td> </tr> </tbody> </table>		Name	Execution Date	GREGORY KADUCHAK	07/07/2010	MICHAEL D. WARD	07/07/2010				
Name	Execution Date										
GREGORY KADUCHAK	07/07/2010										
MICHAEL D. WARD	07/07/2010										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>ACOUSTIC CYTOMETRY SYSTEMS, INC. (ACQUIRED BY 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:	ACOUSTIC CYTOMETRY SYSTEMS, INC. (ACQUIRED BY LIFE TECHNOLOGIES CORPORATION)	Street Address:	5791 VAN ALLEN WAY	City:	CARLSBAD	State/Country:	CALIFORNIA	Postal Code:	92008
Name:	ACOUSTIC CYTOMETRY SYSTEMS, INC. (ACQUIRED BY LIFE TECHNOLOGIES CORPORATION)										
Street Address:	5791 VAN ALLEN WAY										
City:	CARLSBAD										
State/Country:	CALIFORNIA										
Postal Code:	92008										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12209084</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12209084						
Property Type	Number										
Application Number:	12209084										
CORRESPONDENCE DATA											
<p>Fax Number:</p> <p>Phone: 760-268-8709</p> <p>Email: LifeTechDocket@system.foundationip.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</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:	IVGN 1030										
NAME OF SUBMITTER:	BRENDA MANNON										
Signature:	/Brenda Mannon/										
Date:	10/08/2013										

CH \$40.00 12209084

Total Attachments: 4

source=addendum#page1.tif

source=addendum#page2.tif

source=addendum#page3.tif

source=addendum#page4.tif

PATENT

REEL: 031381 FRAME: 0428

ADDENDUM TO ASSIGNMENT OF INVENTION AND PATENT RIGHTS

Inventors: Gregory Kaduchak and Michael D. Ward
Serial No.: 12/209,084
Filing Date: September 11, 2008.

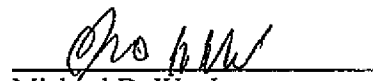
On September 11, 2008, we, Gregory Kaduchak and Michael D. Ward, executed the attached "Assignment of Invention and Patent Rights" to assign our entire interest in and to a certain invention or improvement described in U.S. Patent Application Serial No. 12/209,084, which claims priority to U.S. Provisional Patent Application Serial No. 61/021,443, filed January 16, 2008, to Acoustic Cytometry Systems, Inc.

We have since noticed that the word "Systems" in "Acoustic Cytometry Systems, Inc." was inadvertently omitted from the Assignment because of a typographical error. To avoid any confusion, we hereby confirm that we did intend to and did assign on September 11, 2008, our entire interest in and to the invention or improvement described in U.S. Patent Application Serial No. 12/209,084 to Acoustic Cytometry Systems, Inc., which is the corporation from which we received the valuable consideration acknowledged in the Assignment of September 11, 2008, and the corporation that we believed, at the time of execution, was in fact mentioned in the Assignment.

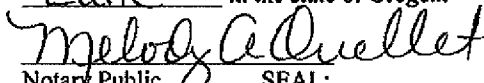
In the event that the typographical error in the Assignment is found to have rendered ineffective the sale, assignment, transfer, or setting over of our entire interest in and to the invention or improvement described in U.S. Patent Application Serial No. 12/209,084, which claims priority to U.S. Provisional Patent Application Serial No. 61/021,443, to Acoustic Cytometry Systems, Inc., we hereby sell, assign, transfer, and set over, for valuable consideration the receipt of which is hereby acknowledged, any portion of such entire interest that was not effectively sold, assigned, transferred, and set over by us to Acoustic Cytometry Systems, Inc., on September 11, 2008, to Life Technologies Corporation, a Delaware corporation with a place of business at 5791 Van Allen Way, Carlsbad, CA 92008 (which has since acquired Acoustic Cytometry Systems, Inc.) under the same terms set forth in the Assignment of September 11, 2008.

DATED this 7th day of JULY, 2010. DATED this 7th day of JULY, 2010.

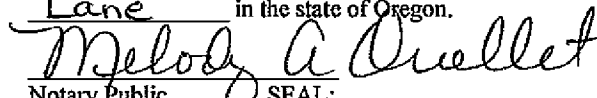

Gregory Kaduchak


Michael D. Ward

This instrument was acknowledged before me this 7th day of JULY, 2010, in the county of Lane in the state of Oregon.


Notary Public SEAL:
(my commission expires: July 4, 2014)

This instrument was acknowledged before me this 7th day of JULY, 2010, in the county of Lane in the state of Oregon.


Notary Public SEAL:
(my commission expires: July 4, 2014)



1 of 1



PATENT
REEL: 031381 FRAME: 0429

ASSIGNMENT OF INVENTION AND PATENT RIGHTS

Inventors: **Gregory Kaduchak, Michael D. Ward**

Serial No.: 12/209,084

Filing Date: September 11, 2008

For valuable consideration received or to be received, and hereby acknowledged, Gregory Kaduchak of 1625 Sereno, Los Alamos, New Mexico 87544; and Michael D. Ward of 2292-48th Street, Apt. 4, Los Alamos, New Mexico 87544 (hereinafter referred to as "Inventors"), hereby sell, assign and transfer unto Acoustic Cytometry, Inc. of 3500 Trinity Drive, Suite A-6, Los Alamos, New Mexico 87544, its successors and assigns (hereinafter referred to as "Assignee"), the entire interest for the United States of America and all foreign countries, including all rights of priority under the international conventions and treaties, in and to a certain invention or improvement known as *System and Method for Acoustic Focusing Hardware and Implementations*, and described in an application filed in the United States Patent and Trademark Office on 12/209,084, as Attorney Docket No. 32478-2-UT, and given U.S. Patent Application Serial No. September 11, 2008, which claims priority of U.S. Provisional patent Application Serial No. 61/021,443, filed January 16, 2008, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or on any provisional, utility, divisional, continuing, continuation-in-part, reissue, reexamination or other applications based in whole or in part thereon. And Inventors agree hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper in Assignee's sole discretion, to secure to Assignee the grant of Letters Patent in the United States and/or in other countries as Assignee may determine in its sole discretion, with specifications and claims in such form as shall be approved by Assignee's counsel, and to vest and confirm in Assignee the legal and equitable title and full use and benefit of all such patents.

Inventors hereby authorize and request the attorneys of record in said application to insert in this Assignment the filing date and serial number of said application when officially known.

Inventors further agree with Assignee that this Assignment covers all processes, specifications, procedures, techniques and other knowledge and information now or hereafter known to Inventors which are not in the public domain and which relate to the above-mentioned invention or improvement, its manufacture, uses or embodiments, or other matters (the "Related Know-How"). Inventors agree to disclose or provide all Related Know-How to Assignee when discovered or upon request.

Inventors further covenant that Inventors will promptly provide to Assignee, upon its request, with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to Inventors and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to Assignee or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

Inventors' rights in the above-mentioned invention or improvement and Related Know-How and any patent application(s) and Letters Patent thereon have not been previously assigned, mortgaged or otherwise encumbered, and Inventors have full right, power and authority to assign all such rights to Assignee hereunder.

As used herein, the terms "Inventors" and "Assignee" shall include such parties and their heirs, administrators, estates, successors and assigns of every kind.

Inventors hereby authorize and request the Director of the United States Patent and Trademark Office, and all foreign countries' equivalent officials, to issue such Letters Patent as shall be granted on said application or applications based thereon to Assignee.

DATED this 11th day of September, 2008.

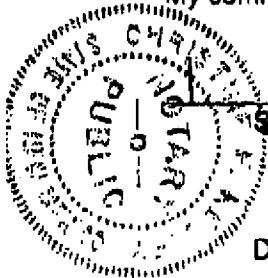
Gregory Kaduchak
Gregory Kaduchak

STATE OF NEW MEXICO)
COUNTY OF Los Alamos) ss.

This instrument was acknowledged before me this 11th day of September, 2008,
by Gregory Kaduchak.

My commission expires: Nov. 7, 2010

Christine E. Kelley
Notary Public



DATED this 11th day of September, 2008.

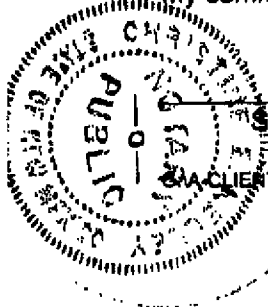
Michael D. Ward
Michael D. Ward

STATE OF NEW MEXICO)
COUNTY OF Los Alamos) ss.

This instrument was acknowledged before me this 11th day of September, 2008,
by Michael D. Ward.

My commission expires: Nov. 7, 2010

Christine E. Kelley
Notary Public



SA-CLIENTS\Acoustic Focusing\ASSIGN\443-ul-assign.doc DSN 32426-1001