

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>Matthias Wagner</td> <td>04/13/2012</td> </tr> <tr> <td>John Heanue</td> <td>04/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Matthias Wagner	04/13/2012	John Heanue	04/13/2012												
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RECEIVING PARTY DATA																			
<table border="1"> <tr> <td>Name:</td> <td>1087 Systems, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>44 Stearns Street</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>02138</td> </tr> </table>		Name:	1087 Systems, Inc.	Street Address:	44 Stearns Street	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02138								
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Correspondent Name:	GTC Law Group LLP & Affiliates																		

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ATTORNEY DOCKET NUMBER:	1087-0001-U01-C01.C07
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NAME OF SUBMITTER:	Kahlil A. Mitchell
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Total Attachments: 3 source=1087-0001 Assignment#page1.tif source=1087-0001 Assignment#page2.tif source=1087-0001 Assignment#page3.tif

ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

for which a United States Patent application was filed on 04/16/2012 and bears Application Number 13/447,464 entitled **MINIMALLY INVASIVE CYTOMETRY SYSTEM WITH QCL INSPECTION OF SINGLE CELLS FOR CANCER DETECTION**, Attorney Docket No. 1087-0001-U01-C01;

for which a United States Patent application was filed on 04/16/2012 and bears Application Number 13/447,484 entitled **MINIMALLY INVASIVE CYTOMETRY SYSTEM USING QCL VIBRATIONAL SPECTROSCOPY FOR DIFFERENTIATION OF PLURIPOTENT STEM CELLS FROM FUNCTIONALLY DIFFERENTIATED CELLS BASED ON INSPECTION OF SINGLE CELLS**, Attorney Docket No. 1087-0001-U01-C02;

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09/05/2012

for which a United States Patent application was filed on 04/16/2012 and bears Application Number 13/447,494 entitled **SYSTEM AND METHOD FOR PATHOGEN DETECTION AND IDENTIFICATION**, Attorney Docket No. 1087-0001-U01-C03;

for which a United States Patent application was filed on 04/16/2012 and bears Application Number 13/447,499 entitled **SYSTEM AND METHOD FOR REPEAT MEASUREMENT OF SINGLE CELLS USING VIBRATIONAL SPECTROSCOPY**, Attorney Docket No. 1087-0001-U01-C04;

for which a United States Patent application was filed on 04/16/2012 and bears Application Number 13/447,511 entitled **USE OF VIBRATIONAL SPECTROSCOPY FOR DNA CONTENT INSPECTION**, Attorney Docket No. 1087-0001-U01-C05;

for which a United States Patent application was filed on 04/16/2012 and bears Application Number 13/447,567 entitled for **COMBINED INSPECTION SYSTEM INCLUDING MID-IR VIBRATIONAL SPECTROSCOPY AND A FLUORESCENT CYTOMETRY FACILITY**, Attorney Docket No. 1087-0001-U01-C06;

for which a United States Patent application was filed on 04/16/2012 and bears Application Number 13/447,584 entitled **SINGLE PARTICLE QCL-BASED MID-IR SPECTROSCOPY SYSTEM WITH ANALYSIS OF SCATTERING**, Attorney Docket No. 1087-0001-U01-C07;

for which a United States Patent application was filed on 04/16/2012 and bears Application Number 13/447,647 entitled **CYTOMETRY SYSTEM WITH QUANTUM CASCADE LASER SOURCE, ACOUSTIC DETECTOR, AND MICRO-FLUIDIC CELL HANDLING SYSTEM CONFIGURED FOR INSPECTION OF INDIVIDUAL CELLS**, Attorney Docket No. 1087-0002-U01;

AND, WHEREAS, 1087 Systems, Inc., a corporation organized under the laws of state of Delaware and having a place of business at 44 Stearns Street, Cambridge, MA 02138, hereinafter called the "Assignee," is desirous of acquiring the entire right, title, and interest in and to said Applications and the inventions and improvements therein disclosed,

NOW, THEREFORE, for good and valuable consideration paid to me by said Assignee, the receipt of which is hereby acknowledged, we as the inventors, or I as one of the Inventors, hereinafter the Assignor(s), do hereby assign, sell and transfer unto said Assignee the full and exclusive right, title and interest in and to said Application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries, and all conversions, divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment also includes the right to claim priority to the Application(s) under any law, rule, treaty, or convention. Such assignment extends to the full ends of the terms of these Applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made. Said full and exclusive right, title, and interest referred to above includes all rights to all past, present and future claims for infringement of any patent resulting from said Application including the right to grant licenses, to bring lawsuits, and to recover damages for any past, present, and future infringement, whether known or unknown, now existing or hereafter arising. I also give permission to attorneys from the GTC Law firm to fill in the above blanks for the application date and number, since the application number and filing date are not known at the date of today's signing.

We as the Inventors, or I as one of the inventors, covenant that I/we am/are the lawful owner(s) of said Applications, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said Assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all conversion, divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said Assignee or by counsel for said Assignee to assist or enable said Assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said Assignee.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

1. FULL NAME OF ASSIGNOR:

Matthias Wagner

EXECUTED this 13th day of April, 2012

RESIDENCE:

Cambridge, MA


SIGNATURE

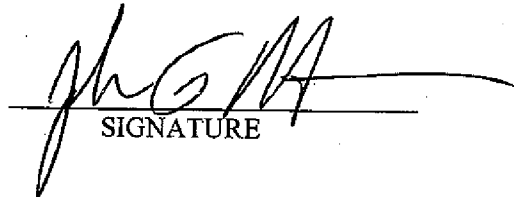
2. FULL NAME OF ASSIGNOR:

John Heanue

EXECUTED this 13th day of April, 2012

RESIDENCE:

Manchester, MA


SIGNATURE