

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>James P. Landers</td><td>09/19/2007</td></tr><tr><td>Joan M. Bienvenue</td><td>10/11/2007</td></tr><tr><td>Lindsay A. Legendre</td><td>09/19/2007</td></tr><tr><td>Christopher J. Easley</td><td>11/07/2007</td></tr><tr><td>James M. Karlinsey</td><td>11/14/2007</td></tr></tbody></table>	Name	Execution Date	James P. Landers	09/19/2007	Joan M. Bienvenue	10/11/2007	Lindsay A. Legendre	09/19/2007	Christopher J. Easley	11/07/2007	James M. Karlinsey	11/14/2007	
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Christopher J. Easley	11/07/2007												
James M. Karlinsey	11/14/2007												
RECEIVING PARTY DATA													
Name:	University of Virginia												
Street Address:	One Morton Drive												
City:	Charlottesville												
State/Country:	VIRGINIA												
Postal Code:	22904												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>PCT Number:</td><td>US0639809</td></tr></tbody></table>	Property Type	Number	PCT Number:	US0639809									
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PCT Number:	US0639809												
CORRESPONDENCE DATA													
Fax Number:	(434)924-2493												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Correspondent Name:	University of Virginia Patent Foundation												
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ATTORNEY DOCKET NUMBER:	01197												
NAME OF SUBMITTER:	Robert J. Decker												

CH \$40.00 US0639809

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PATENT
REEL: 020179 FRAME: 0429

Total Attachments: 4

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ASSIGNMENT

WHEREAS, we, **James P. Landers, Joan M. Bienvenue, Lindsay A. Legendre, Christopher J. Easley and James M. Karlinsey** (the “Assignors”), have made an invention entitled

“INTEGRATED MICROFLUIDIC ANALYSIS SYSTEMS”

described in International Patent Application No. PCT/US2006/039809 filed October 12, 2006 claiming priority to U.S. Provisional Patent Application Serial No. 60/726,027 filed October 12, 2005; and any subsequent patent applications claiming priority thereto; and

WHEREAS, the **University of Virginia**, One Morton Drive, P. O. Box 400301, Charlottesville, Virginia 22904-4301 (the “Assignee”), is desirous of acquiring the entire right, title and interest in and to the aforesaid invention, including any tangible materials embodied in or encompassed by the invention and any trade secrets pertaining to the invention, and any improvements thereon, (the “Invention”) and in and to said applications for Letters Patent thereon in the United States, its territories and possessions (“United States”) and all foreign countries, including rights to claim priority, to any provisional applications, and in and to any Letters Patent of the United States or any foreign country which may be granted therefor, including any and all reissues, divisions, continuations, continuations-in-part, renewals, substitutes or extensions thereof (the “Rights”);

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and conveyed, and does hereby sell, assign, transfer and convey to Assignee, its successors and assigns, the entire right, title and interest in and to the aforesaid Invention and Rights, except that Assignee hereby grants back to the Assignors a royalty free non-transferable license to make and use the Invention under the Rights for educational and research purposes, only. The aforesaid assignment includes the right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignor if this sale and assignment had not been made;

AND Assignors hereby authorize and request the appropriate governmental officials to issue any and all such United States or foreign Letters Patent under said invention, or resulting from any of said applications thereof, to the Assignee, as the assignee of the entire right, title and interest in and to the same;

AND Assignors hereby represent, warrant and covenant that they have the full right to convey the entire interest herein assigned, that they have not executed and will not execute any instrument or assignment in conflict herewith, and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

AND Assignors further covenant and agree that Assignors will at any time upon request make, execute and deliver without further compensation, any and all other instruments in writing, including further applications, papers, affidavits, power of attorney, assignments, and other documents, and do all lawful acts and things, which, in the opinion of counsel for said Assignee, its successors and assigns, may in any country be required or necessary more effectively to secure to and vest in said Assignee, its successors and assigns the entire right, title and interest in and to said Invention and Rights hereby sold, assigned, transferred and conveyed, and that Assignors will sign any applications for reissue, division, continuation, continuation-in-part, renewal, substitute or extension of said application for Letters Patent or any resulting Letters Patent;

AND Assignors further covenant and agree that Assignors will at any time upon request communicate to the Assignee, its successors, assigns or other legal representatives any facts relating to the aforesaid invention known to it, and will testify as to the same in any interference, litigation, mediation, arbitration or other proceeding when requested to do so.

Signature of Inventor / Date of Execution: _____

Inventor's Name: _____

Inventor's Resident Address: _____

James P. Landers, ^{US Citizen}
633 Nettle Court ^{Canadian}
Charlottesville, VA 22903

JPL
Sept 19/07

Place of Execution: _____

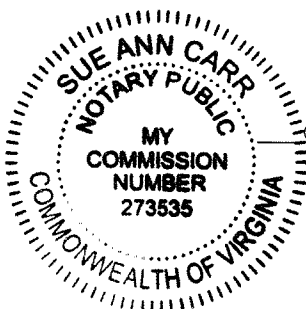
City of Charlottesville, Virginia

CITY OF CHARLOTTESVILLE)

) ss:

COMMONWEALTH OF VIRGINIA)

On this 19th day of September, 2007, before me, a Notary Public in and for the Commonwealth of Virginia, personally appeared **James P. Landers**, known to me (or proven by evidence of satisfactory identification) to be the person described in and who executed the foregoing instrument and acknowledged the same to be of their free act and deed for the uses and purposes therein set forth.



Sue Ann Carr [signature, please print name below]

Sue Ann Carr, Notary Public, my commission expires on 3/31/08

Signature of Inventor / Date of Execution:

Inventor's Name:

Inventor's Resident Address:

Joan M. Bienvenue 10-11-07
Joan M. Bienvenue, US Citizen
~~59 Oak Terrace Drive~~ 8604 General Sykes Cr.
Ruckersville, VA 22968
Fredericksburg 22407

Place of Execution:

City of Charlottesville, Virginia

Montgomery County
CITY OF CHARLOTTESVILLE)

Maryland) SS:
COMMONWEALTH OF VIRGINIA)

On this 11 day of October, 2007, before me, a Notary Public in and for the Commonwealth of Virginia, personally appeared Joan M. Bienvenue, known to me (or proven by evidence of satisfactory identification) to be the person described in and who executed the foregoing instrument and acknowledged the same to be of their free act and deed for the uses and purposes therein set forth

Marina M. Bruner [signature, please print name below]

Marina M. Bruner, Notary Public, my commission expires on 2-13-10

MARINA M. BRUNER
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires February 13, 2010

Signature of Inventor / Date of Execution:

Inventor's Name:

Inventor's Resident Address:

Lindsay A. Legendre 9-19-07
Lindsay A. Legendre, U.S. Citizen
~~2400-A Fontaine Ave.~~ 1244 Pebblebrooke Ln #208
Charlottesville, VA 22903
22902

Place of Execution:

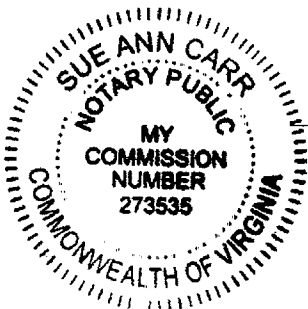
City of Charlottesville, Virginia

CITY OF CHARLOTTESVILLE)
COMMONWEALTH OF VIRGINIA) SS:
)

On this 19th day of September, 2007, before me, a Notary Public in and for the Commonwealth of Virginia, personally appeared Lindsay A. Legendre, known to me (or proven by evidence of satisfactory identification) to be the person described in and who executed the foregoing instrument and acknowledged the same to be of their free act and deed for the uses and purposes therein set forth

Sue Ann Carr [signature, please print name below]

Sue Ann Carr, Notary Public, my commission expires on 3/31/08



PAP Not Landers-Integrated (01197)

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Signature of Inventor / Date of Execution:

Inventor's Name:

Inventor's Resident Address:

Chris Eby 11/7/2007
 Christopher J. Eby, US Citizen
 614 Broomfield Circle
 Madison, IN 47115

Place of Execution:

Davidson County, Tennessee

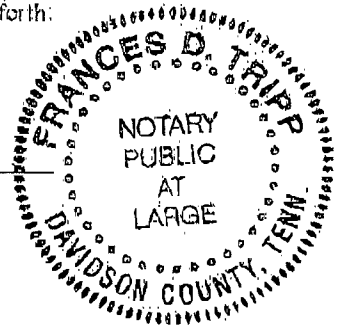
CITY / COUNTY OF Davidson

) ss:

STATE OF TENNESSEE

On this 7th day of November, 2007, before me, a Notary Public in and for the
 aforesaid jurisdiction, personally appeared Christopher J. Eby, known to me (or proven by evidence of
 satisfactory identification) to be the person described in and who executed the foregoing instrument and
 acknowledged the same to be of their free act and deed for the uses and purposes therein set forth.

Frances D. Tripp [signature, please print name below]
Frances D. Tripp, Notary Public, my commission expires on 8/23/11



Signature of Inventor / Date of Execution:

Inventor's Name:

Inventor's Resident Address:

James M. Karlinsey 11/14/07
 James M. Karlinsey, U.S. Citizen
 705 Jode Road
 Audubon, PA 19403

Place of Execution:

PENN STATE UNIVERSITY BERKS CAMPUS

COUNTY / CITY OF BERKS / READING

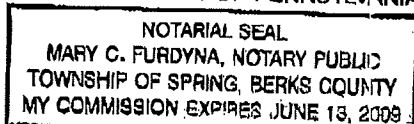
) ss:

STATE OF PENNSYLVANIA

On this 14 day of NOVEMBER, 2007, before me, a Notary Public in and for the
 aforesaid jurisdiction, personally appeared James M. Karlinsey, known to me (or proven by evidence of
 satisfactory identification) to be the person described in and who executed the foregoing instrument and
 acknowledged the same to be of their free act and deed for the uses and purposes therein set forth.

Mary C. Furdyna [signature, please print name below]
MARY C. FURDYNA, Notary Public, my commission expires on JUNE 13, 2009

COMMONWEALTH OF PENNSYLVANIA



Received Time - Nov. 14. 5:15PM

PATENT

RECORDED: 11/30/2007

REEL: 020179 FRAME: 0434