# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date	
Christopher J. Easley	11/07/2007	
James M. Karlinsey	11/14/2007	
James P. Landers	11/07/2007	
Daniel C. Leslie	11/07/2007	
Matthew R. Begley	11/20/2008	

### **RECEIVING PARTY DATA**

Name:	University of Virginia	
Street Address:	One Morton Drive	
City:	Charlottesville	
State/Country:	VIRGINIA	
Postal Code:	22904	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US0632717

## **CORRESPONDENCE DATA**

Fax Number: (434)924-2493

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: University of Virginia Patent Foundation

Address Line 1: 250 West Main Street, Suite 300
Address Line 4: Charlottesville, VIRGINIA 22902

ATTORNEY DOCKET NUMBER:	01176-02
NAME OF SUBMITTER:	Robert J. Decker

PATENT REEL: 021871 FRAME: 0653

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#### **Total Attachments: 6**

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# **ASSIGNMENT**

WHEREAS, we, Christopher J. Easley, James M. Karlinsey, James P. Landers, Daniel C. Leslie and Matthew R. Begley (the "Assignors"), have made an invention entitled

# "Passive Components for Micro-Fluidic Flow Profile Shaping and Related Method Thereof"

described in U.S. Provisional Patent Application Serial No. 60/710,702 filed August 23, 2005; International Patent Application No. PCT/US2006/032717 filed August 23, 2006; 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-transferrable 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 Assignors 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.

IN WITNESS WHEREOF, Assignors have hereunto set their hands and seals.

Signature of Inventor / Date of Execution:_ Inventor's Name: Inventor's Resident Address:	Am 2 / 11/7/2007 Christopher J. Parley, US Citizen 614 Prentmeadow Circle Madison, TN 37115
Place of Execution:  City / County or <b>Quidson</b>	enggyen ( t. )

On this 112 day of 100 to 2007, before me, a Notary Public in and for the aforesaid jurisdiction, personally appeared Christopher J. Fastey, known to me for 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 sel forth.

Thurs D. Jupp Islamore, please print name below!

France D. Tripp Notary Public, my commission expires on \$\int\_{\omega}^{23}/1 \quad Notary

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Signature of Inventor / Date of Execution:_ Inventor's Name: Inventor's Resident Address:	James M. Karlinsey, U.S. Citizen 705 Jode Road Audubon, PA 19403	<u>11/14/</u> 0
Place of Execution:	PENN STATE UNIVERSITY	BERKS
COUNTY / CITY OF BERKS / READING ) STATE OF PENNSYLVANIA ) SS:		
On this 14 day of November aforesaid jurisdiction, personally appeared James A	<u>R</u> , 2007, before me, a Notary Fublic in and M. Karlinsey, known to me (or proven by evide	d for the

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. Fur Dy. VA, Notary Public, my commission expires on TUNE 13,2009

CONTACT WEALTH OF PENNSYLVANIA

MOTARIAL SEAL

LEFT TO SUPPLYAN, NOTARY PUBLIC

COMMUNITY OF SPRING, BERKS COUNTY

TO MARSHON TXPITES JUNE 19, 2009

Signature of Inventor / Date of Execution: Inventor's Name:

Inventor's Resident Address:

James P. Landers, Citizen of Canada

633 Nettle Court

Charlottesville, VA 22903

Place of Execution:

City of Charlottesville, Virginia

CITY OF CHARLOTTESVILLE

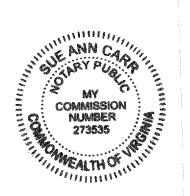
) ss:

COMMONWEALTH OF VIRGINIA

On this day of November, 2007, before me, a Notary Public in and for the Commonwealth of Virginia, personally appeared <u>James P. Landers</u>, 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.

[signature, please print name below]

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



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Signature of Inventor / Date of Execution:

Inventor's Name:

Inventor's Resident Address:

Daniel C. Leslie, U.S. Citizen

125 Boxwood Court

Charlottesville, VA 22902

Place of Execution:

City of Charlottesville, Virginia

CITY OF CHARLOTTESVILLE

COMMONWEALTH OF VIRGINIA

On this day of November, 2007, before me, a Notary Public in and for the Commonwealth of Virginia, personally appeared <u>Daniel C. Leslie</u>, 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.

Acc Isignature, please print name belowl

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



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Signature of Inventor / Date of Execution: Inventor's Name: Matthew R. Begley, U.S. Citizen Inventor's Resident Address: 313 Four Seasons Drive Charlottesville, VA 22901 Place of Execution: City of Charlottesville, Virginia CITY OF CHARLOTTESVILLE COMMONWEALTH OF VIRGINIA On this 30 day of Navember, 2009 before me, a Notary Public in and for the Commonwealth of Virginia, personally appeared Matthew R. Begley, 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. [signature, please print name below] 290 , Notary Public, my commission expires on 2921Reg # 7142837

> PATENT REEL: 021871 FRAME: 0660

**RECORDED: 11/21/2008**