

PATENT ASSIGNMENT

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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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Christopher J. Easley</td> <td>11/07/2007</td> </tr> <tr> <td>James M. Karlinsey</td> <td>11/14/2007</td> </tr> <tr> <td>James P. Landers</td> <td>11/07/2007</td> </tr> <tr> <td>Daniel C. Leslie</td> <td>11/07/2007</td> </tr> <tr> <td>Matthew R. Begley</td> <td>11/20/2008</td> </tr> </tbody> </table>		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
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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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US0632717</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US0632717								
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PCT Number:	US0632717												
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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ATTORNEY DOCKET NUMBER:	01176-02												
NAME OF SUBMITTER:	Robert J. Decker												

CH \$40.00 US0632717

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

Signature of Inventor / Date of Execution:



Inventor's Name:

James P. Landers, Citizen of Canada

Inventor's Resident Address:

633 Nettle Court
Charlottesville, VA 22903

Place of Execution:

City of Charlottesville, Virginia

CITY OF CHARLOTTESVILLE)

) SS:

COMMONWEALTH OF VIRGINIA)

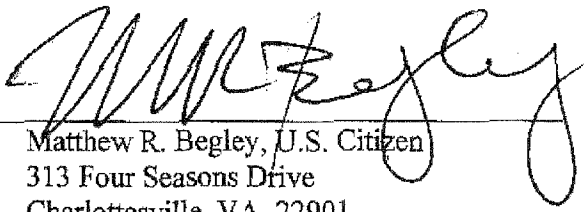
On this 7th day of Novcmber, 2007, before me, a Notary Public in and for the Commonwealth of Virginia, personally appeared **James P. Landers**, known to me (or proven by evidence of satisfactory identification) to be the person described in and who executed the foregoing instrument and acknowledged the same to be of their free act and deed for the uses and purposes therein set forth.



[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:

Matthew R. Begley, U.S. Citizen

Inventor's Resident Address:

313 Four Seasons Drive
Charlottesville, VA 22901

Place of Execution:

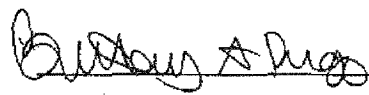
City of Charlottesville, Virginia

CITY OF CHARLOTTESVILLE)

) ss:

COMMONWEALTH OF VIRGINIA)

On this 20 day of November, ²⁰⁰⁸~~2007~~, 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]

Brittany A. Rug, Notary Public, my commission expires on 2/28/11

Reg # 7142837