## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Jian Wen	11/20/2007
Jerome P. Ferrance	09/19/2007
James P. Landers	09/19/2007

### **RECEIVING PARTY DATA**

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

### PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US0606845

#### **CORRESPONDENCE DATA**

Fax Number: (434)924-2493

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

Phone: 434-924-2173
Email: kmoore@uvapf.org

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:	01106

NAME OF SUBMITTER: Robert J. Decker

**Total Attachments: 3** 

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# ASSIGNMENT

WHEREAS, we, Jian Wen, Jerome P. Ferrance and James P. Landers (the "Assignors"), have made an invention entitled

## "GRAFTED PHOTO-POLYMERIZED MONOLITHIC COLUMN"

described in International Patent Application Serial No. PCT/US2006/006845 filed February 28, 2006 claiming priority to U. S. Provisional Patent Application Serial Nos. 60/656,998 filed on February 28, 2005 and 60/740,977 filed November 30, 2005; any PCT national stage applications and all 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

PATENT REEL: 020182 FRAME: 0161 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:	Jian Wen, Citizen of China	
Inventor's Resident Address:	100 w Squantum Street. Apt 406	
Place of Execution: MASSACHUSETTS	Qwrcy MA 02171	
CHY/COUNTY OF MIDDLES (T) ) SS:	·	
COMMONWEALTH OF MASSACHUSETTS )		
On this 20 day of Septem Bell, 2007, before me, a Notary Public in and for the Commonwealth, personally appeared Jian Wen, 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.		
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HAVENS, Notary Public, my commission expires on 3010

[signature, please print name below]

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**PATENT** 

**REEL: 020182 FRAME: 0163** 

	Signature of Inventor / Date of Execution:	Jerome J. Rivard 9/19/01
	Inventor's Name:	Jerome P. Ferrance, U. S. Citizen
	Inventor's Resident Address:	/113 Lupine Lane
		Charlottesville, VA 22911
		,
	Place of Execution:	
	CITY OF CHARLOTTESVILLE ) ) SS:	
	COMMONWEALTH OF VIRCINIA	S)
	1919 September On this 1 day of A <del>ngust.</del> 20	Size 07, before me, a Notary Public in and for the
	Commonwealth of Virginia, personally appeared J	<u>erome P. Ferrance,</u> known to me (or proven by evidence of
	satisfactory identification) to be the person describ acknowledged the same to be of their free act and	bed in and who executed the foregoing instrument and
	acknowledged the same to be of their free act and	caeed for the uses and purposes therein set forth.
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	minus Suc Jan E	Lisignature, please print name below]
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COMPONI	RY PURY PUBL	ic, my commission expires on $3/31/08$
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"JONN	EVIR III	
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	Signature of Inventor / Date of Execution:	( L Ah
	Inventor's Name:	Iames P. Landers, U.S. Citizen
	Inventor's Resident Address:	633 Nettle Court Caradia 502
		Charlottesville, VA 22903
		(-7-
	Place of Execution:	
	CITY OF CHARLOTTESVILLE ) ) SS:	
	COMMONWEALTH OF VIRGINIA )	
	On this 19th day of Septem	bec, 2007, before me, a Notary Public in and for the
	Commonwealth of Virginia, personally appeared I	ames P. Landers, known to me (or proven by evidence of
	satisfactory identification) to be the person describ	ed 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.
WE AN	IN Carry	V Zalsignature, please print name below]
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**RECORDED: 11/30/2007**