

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>James P. Landers</td> <td>11/11/2002</td> </tr> <tr> <td>Michael C. Breadmore</td> <td>07/20/2003</td> </tr> <tr> <td>Jerome Ferrance</td> <td>11/11/2002</td> </tr> <tr> <td>Kelley Wolfe</td> <td>11/11/2002</td> </tr> <tr> <td>Sushil Shrinivasan</td> <td>07/11/2003</td> </tr> <tr> <td>Mary E. Power</td> <td>07/11/2003</td> </tr> <tr> <td>Pamela M. Norris</td> <td>07/10/2003</td> </tr> </tbody> </table>		Name	Execution Date	James P. Landers	11/11/2002	Michael C. Breadmore	07/20/2003	Jerome Ferrance	11/11/2002	Kelley Wolfe	11/11/2002	Sushil Shrinivasan	07/11/2003	Mary E. Power	07/11/2003	Pamela M. Norris	07/10/2003
Name	Execution Date																
James P. Landers	11/11/2002																
Michael C. Breadmore	07/20/2003																
Jerome Ferrance	11/11/2002																
Kelley Wolfe	11/11/2002																
Sushil Shrinivasan	07/11/2003																
Mary E. Power	07/11/2003																
Pamela M. Norris	07/10/2003																
RECEIVING PARTY DATA																	
Name:	University of Virginia																
Street Address:	314 Madison Hall																
Internal Address:	UVA Box 400301																
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>Application Number:</td> <td>10517980</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10517980												
Property Type	Number																
Application Number:	10517980																
CORRESPONDENCE DATA																	
Fax Number:	(434)924-2493																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	434-924-2175																
Email:	shawn@uvapf.org																
Correspondent Name:	University of Virginia Patent Foundation																
Address Line 1:	1224 West Main Street, Suite 1-110																
Address Line 4:	Charlottesville, VIRGINIA 22903																
NAME OF SUBMITTER:	Rodney L. Sparks																

CH \$40.00 10517980

PATENT

500016375

REEL: 015517 FRAME: 0176

Total Attachments: 7

source=Assign Invents to UVA#page1.tif
source=Assign Invents to UVA#page2.tif
source=Assign Invents to UVA#page3.tif
source=Assign Invents to UVA#page4.tif
source=Assign Invents to UVA#page5.tif
source=Assign Invents to UVA#page6.tif
source=Assign Invents to UVA#page7.tif

Assignment of Invention

WHEREAS, we **James P. Landers, Michael C. Breadmore, Jerome P. Ferrance, Kelley A. Wolfe, Sushil Shrinivasan, Mary E. Power, and Pamela M. Norris** (the "Assignors"), have made an invention entitled

APPARATUS AND METHOD FOR THE PURIFICATION OF NUCLEIC ACIDS

described in U.S. Provisional Patent Application Serial No. 60/387,794, filed June 11, 2002; International Patent Application No. PCT/US03/18403 filed June 11, 2003; and any subsequent patent applications claiming priority thereto; and

WHEREAS, the **University of Virginia**, 314 Madison Hall, 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

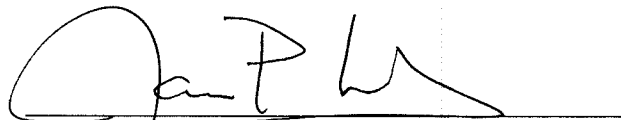
execute any instrument or assignment in conflict herewith, and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

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.

Signature of Inventor / Date of Execution:



Inventor's Name:

James P. Landers, U.S. Citizen

Inventor's Resident Address:

633 Nettle Court
Charlottesville, VA 22903

Place of Execution:

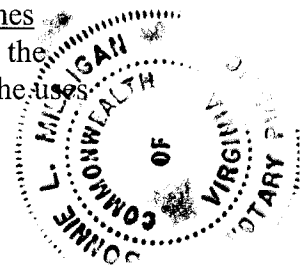
City of Charlottesville, Virginia

COUNTY OF ALBEMARLE /)

CITY OF CHARLOTTESVILLE) SS:

COMMONWEALTH OF VIRGINIA)

On this 11 day of November, 2002, before me, a Notary Public in and for the County or City aforesaid in the Commonwealth of Virginia, personally appeared James Landers, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be of his/her free act and deed for the uses and purposes therein set forth.



Bonnie Milligan [signature, please print name below]
Bonnie Milligan, Notary Public, my commission expires on: Aug 31, 2004

Signature of Inventor / Date of Execution:

M. D. Breadmore 20/7/03

Inventor's Name:

Michael C. Breadmore, Citizen of Australia

Inventor's Resident Address:

27 Westwood Street
Bridport, Tasmania 7262 Australia

Place of Execution:

Switzerland

Outside the USA; Witnesses are required when acknowledgment before a Notary Public is not feasible.

APL

Witness (Signature)

Witness (Signature)

ANNE PALMER

Print Name

Print Name

Signature of Inventor / Date of Execution: Jerome Ferrance
 Inventor's Name: Jerome Ferrance, U.S. Citizen
 Inventor's Resident Address: 13 Lupine Lane
 Charlottesville, VA 22911

Place of Execution: City of Charlottesville, Virginia

COUNTY OF ALBEMARLE /)
 CITY OF CHARLOTTESVILLE) SS:
 COMMONWEALTH OF VIRGINIA)

On this 11th day of November, 2002, before me, a Notary Public in and for the County or City aforesaid in the Commonwealth of Virginia, personally appeared Jerome Ferrance, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be of his/her free act and deed for the uses and purposes therein set forth.

Bonnie Milligan [signature, please print name below]
Bonnie Milligan, Notary Public, my commission expires on: Aug 31, 2004



Signature of Inventor / Date of Execution: Kelley A. Wolfe 11 Nov 02
Inventor's Name: Kelley Wolfe
Inventor's Resident Address: 277 Meadowlake Drive
Downingtown, PA 19335

Inventor's Country of Citizenship: United States

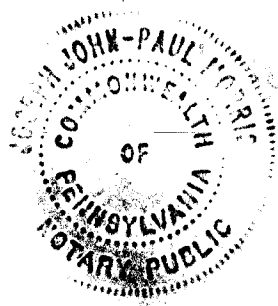
Place of Execution: Wiggins Auto Tags, Thorndale PA

COUNTY OF Chester / OR) KAW
CITY OF Thorndale) SS: 202 11 Nov 02
STATE OF Pennsylvania)

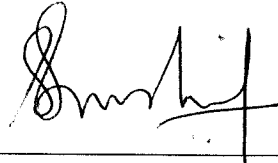
On this 11 day of Nov., 2002, before me, a Notary Public in and for the County or City and State aforesaid, personally appeared Kelley Wolfe, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be of his free act and deed for the uses and purposes therein set forth.

[Signature] [please sign here and print name below]

JOSEPH J. MORRIS, Notary Public, my commission expires on: JAN. 24, 2005



Notarial Seal
Joseph John-Paul Morris, Notary Public
Caln Twp., Chester County
My Commission Expires Jan. 24, 2005
Member, Pennsylvania Association of Notaries



07.08.03

Signature of Inventor / Date of Execution:

Inventor's Name:

Sushil Shrinivasan, Citizen of India

Inventor's Resident Address:

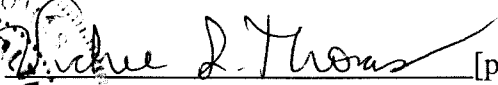
262 Colonnade Drive #1
Charlottesville, VA 22903

Place of Execution:

City of Charlottesville, Virginia

COUNTY OF ALBEMARLE /)
CITY OF CHARLOTTESVILLE) SS:
COMMONWEALTH OF VIRGINIA)

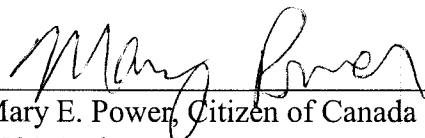
On this 11th day of July, 2003, before me, a Notary Public in and for the County or City aforesaid in the Commonwealth of Virginia, personally appeared Sushil Shrinivasan, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be of his free act and deed for the uses and purposes therein set forth.



[please sign here and print name below]

Vickie S. Thomas, Notary Public, my commission expires on: 2/28/06

Signature of Inventor / Date of Execution:



07.11.03

Inventor's Name:

Mary E. Power, Citizen of Canada

Inventor's Resident Address:

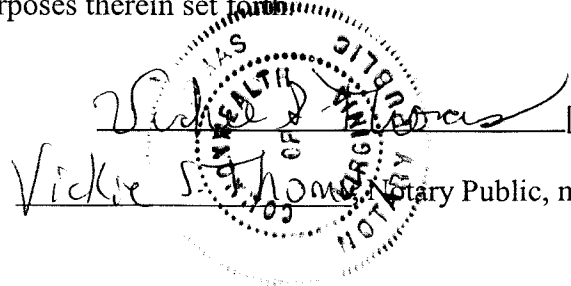
1521 Amherst Street
Charlottesville, VA 22903

Place of Execution:

City of Charlottesville, Virginia

COUNTY OF ALBEMARLE /)
CITY OF CHARLOTTESVILLE) SS:
COMMONWEALTH OF VIRGINIA)

On this 11th day of July, 2003, before me, a Notary Public in and for the County or City aforesaid in the Commonwealth of Virginia, personally appeared Mary E. Power, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be of her free act and deed for the uses and purposes therein set forth.



[please sign here and print name below]

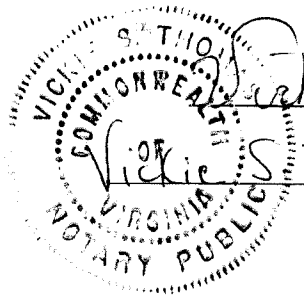
Vickie S. Thomas, Notary Public, my commission expires on: 2/28/06

Signature of Inventor / Date of Execution: Pamela M. Norris
Inventor's Name: Pamela M. Norris, U.S. Citizen
Inventor's Resident Address: 1509 Still Meadow Cove
Charlottesville, VA 22901

Place of Execution: City of Charlottesville, Virginia

COUNTY OF ALBEMARLE /)
CITY OF CHARLOTTESVILLE) SS:
COMMONWEALTH OF VIRGINIA)

On this 10th day of July, 2003, before me, a Notary Public in and for the County or City aforesaid in the Commonwealth of Virginia, personally appeared Pamela M. Norris, to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be of her free act and deed for the uses and purposes therein set forth.



Vickie S. Thomas [please sign here and print name below]
Vickie S. Thomas, Notary Public, my commission expires on: 2/28/06