

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Judith Lalonde</td> <td>11/05/2010</td> </tr> <tr> <td>George Prendergast</td> <td>11/03/2010</td> </tr> <tr> <td>Alexander Muller</td> <td>11/08/2010</td> </tr> <tr> <td>William Malachowski</td> <td>11/05/2010</td> </tr> </tbody> </table>		Name	Execution Date	Judith Lalonde	11/05/2010	George Prendergast	11/03/2010	Alexander Muller	11/08/2010	William Malachowski	11/05/2010
Name	Execution Date										
Judith Lalonde	11/05/2010										
George Prendergast	11/03/2010										
Alexander Muller	11/08/2010										
William Malachowski	11/05/2010										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Lankenau Institute for Medical Research</td> </tr> <tr> <td>Street Address:</td> <td>100 Lancaster Avenue</td> </tr> <tr> <td>City:</td> <td>Wynnewood</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>19096</td> </tr> </table>		Name:	Lankenau Institute for Medical Research	Street Address:	100 Lancaster Avenue	City:	Wynnewood	State/Country:	PENNSYLVANIA	Postal Code:	19096
Name:	Lankenau Institute for Medical Research										
Street Address:	100 Lancaster Avenue										
City:	Wynnewood										
State/Country:	PENNSYLVANIA										
Postal Code:	19096										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12988391</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12988391						
Property Type	Number										
Application Number:	12988391										
CORRESPONDENCE DATA											
<p>Fax Number: (312)913-0002</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 312-913-0001</p> <p>Email: neth@mbhb.com</p> <p>Correspondent Name: McDonnell Boehnen Hulbert & Berghoff LLP</p> <p>Address Line 1: 300 South Wacker Drive</p> <p>Address Line 4: Chicago, ILLINOIS 60606</p>											
ATTORNEY DOCKET NUMBER:	09-287-WO-US										
NAME OF SUBMITTER:	Michael S. Greenfield										
<p>Total Attachments: 9</p> <p>source=09-287-WO-US - Executed Lankenau Assignment#page1.tif</p>											

CH \$40.00 12988391

501375704

PATENT
REEL: 025492 FRAME: 0303

source=09-287-WO-US - Executed Lankenau Assignment#page2.tif
source=09-287-WO-US - Executed Lankenau Assignment#page3.tif
source=09-287-WO-US - Executed Lankenau Assignment#page4.tif
source=09-287-WO-US - Executed Lankenau Assignment#page5.tif
source=09-287-WO-US - Executed Lankenau Assignment#page6.tif
source=09-287-WO-US - Executed Lankenau Assignment#page7.tif
source=09-287-WO-US - Executed Lankenau Assignment#page8.tif
source=09-287-WO-US - Executed Lankenau Assignment#page9.tif

ASSIGNMENT

Case No.: 09-287-WO-US
Inventors: Judith Lalonde et al

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

**Lankenau Institute For Medical Research
100 Lancaster Avenue
Wynnewood, Pennsylvania 19096**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in U.S. Application Serial No. 61/047,579 filed April 24, 2008, PCT Application Serial No. PCT/US2009/041609 filed April 24, 2009 and U.S. Application Serial No. 12/988,391 filed April 24, 2009 and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

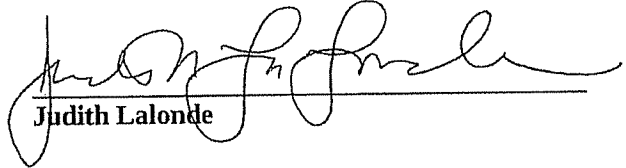
The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 5th day of November, 2010.



Judith Lalonde

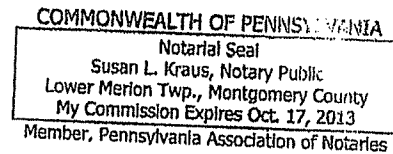
State of Pennsylvania

County of Montgomery

The foregoing instrument was acknowledged before me this 5th day of November, 2010, by

Judith Lalonde.


NOTARY PUBLIC



WITNESS my hand and seal this _____ day of _____, 2010.

George Prendergast

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of _____, 2010, by

George Prendergast.

NOTARY PUBLIC

WITNESS my hand and seal this _____ day of _____, 2010.

Alexander Muller

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of _____, 2010, by

Alexander Muller.

NOTARY PUBLIC

WITNESS my hand and seal this 5th day of November, 2010.

William Malachowski
William Malachowski

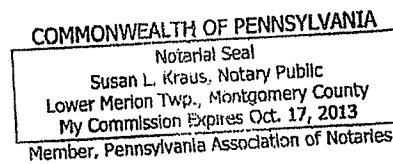
State of Pennsylvania

County of Montgomery

The foregoing instrument was acknowledged before me this 5th day of November, 2010, by

William Malachowski.

Susan L. Kraus
NOTARY PUBLIC



ASSIGNMENT

Case No.: 09-287-WO-US
Inventors: Judith Lalonde et al

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

**Lankenau Institute For Medical Research
100 Lancaster Avenue
Wynnewood, Pennsylvania 19096**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in U.S. Application Serial No. 61/047,579 filed April 24, 2008, PCT Application Serial No. PCT/US2009/041609 filed April 24, 2009 and U.S. Application Serial No. 12/988,391 filed April 24, 2009 and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and

entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this _____ day of _____, 2010.

Judith Lalonde

State of

County of

The foregoing instrument was acknowledged before me this _____ day of _____, 2010, by

Judith Lalonde.

NOTARY PUBLIC

WITNESS my hand and seal this 3 day of November, 2010.

George Prendergast
George Prendergast

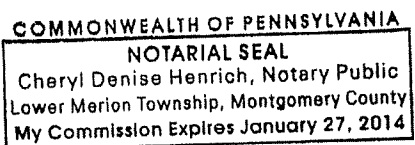
State of Pennsylvania

County of Montgomery

The foregoing instrument was acknowledged before me this 3 day of November, 2010, by

George Prendergast.

Cheryl Denise Henrich
NOTARY PUBLIC



- 2 -

WITNESS my hand and seal this _____ day of _____, 2010.

Alexander Muller

State of

County of

The foregoing instrument was acknowledged before me this _____ day of _____, 2010, by

Alexander Muller.

NOTARY PUBLIC

WITNESS my hand and seal this _____ day of _____, 2010.

William Malachowski

State of

County of

The foregoing instrument was acknowledged before me this _____ day of _____, 2010, by

William Malachowski.

NOTARY PUBLIC

ASSIGNMENT

Case No.: 09-287-WO-US
Inventors: Judith Lalonde et al

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

**Lankenau Institute For Medical Research
100 Lancaster Avenue
Wynnewood, Pennsylvania 19096**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in U.S. Application Serial No. 61/047,579 filed April 24, 2008, PCT Application Serial No. PCT/US2009/041609 filed April 24, 2009 and U.S. Application Serial No. 12/988,391 filed April 24, 2009 and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely

as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this ____ day of _____, 2010.

Judith Lalonde

State of _____

County of _____

The foregoing instrument was acknowledged before me this ____ day of _____, 2010,
by **Judith Lalonde**.

NOTARY PUBLIC

WITNESS my hand and seal this ____ day of _____, 2010.

George Prendergast

State of _____

County of _____

The foregoing instrument was acknowledged before me this ____ day of _____, 2010,
by **George Prendergast**.

NOTARY PUBLIC

WITNESS my hand and seal this ____ day of _____, 2010.

State of Pennsylvania
County of Montgomery

Alexander Muller
Alexander Muller

The foregoing instrument was acknowledged before me this 8 day of November, 2010,
by Alexander Muller.

Cheryl Denise Henrich
NOTARY PUBLIC

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Cheryl Denise Henrich, Notary Public
Lower Merion Township, Montgomery County
My Commission Expires January 27, 2014

WITNESS my hand and seal this _____ day of _____, 2010.

State of _____
County of _____

William Malachowski

The foregoing instrument was acknowledged before me this _____ day of _____, 2010,
by William Malachowski.

NOTARY PUBLIC