

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>Annelise Barron</td> <td>09/08/2005</td> </tr> <tr> <td>Erin Doherty</td> <td>08/23/2005</td> </tr> </tbody> </table>		Name	Execution Date	Annelise Barron	09/08/2005	Erin Doherty	08/23/2005
Name	Execution Date						
Annelise Barron	09/08/2005						
Erin Doherty	08/23/2005						
RECEIVING PARTY DATA							
Name:	Northwestern University						
Street Address:	633 Clark Street						
City:	Evanston						
State/Country:	ILLINOIS						
Postal Code:	60208						
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>12137291</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12137291		
Property Type	Number						
Application Number:	12137291						
CORRESPONDENCE DATA							
Fax Number:	(608)218-6910						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	6082186900						
Email:	jmdoornbosch@casimirjones.com						
Correspondent Name:	Casimir Jones, S.C.						
Address Line 1:	440 Science Drive						
Address Line 2:	Suite 203						
Address Line 4:	Madison, WISCONSIN 53711						
ATTORNEY DOCKET NUMBER:	NWEST-09464/US-3/DIV						
NAME OF SUBMITTER:	Jason R. Bond						
Total Attachments: 2 source=AssignmentsFromParent#page1.tif source=AssignmentsFromParent#page2.tif							

CH \$40.00 12137291

ASSIGNMENT

WHEREAS, WE, Annelise Barron and Erin Doherty, hereinafter referred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **Sparsely Cross-Linked Nanogels: A Novel Polymer Structure For Microchannel DNA Sequencing**

Filing Date: **01/18/2005** Serial No : **11/037,561**

WHEREAS, Northwestern University, a constitutional corporation having a principal address at 633 Clark Street, Evanston, Illinois 60208, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE, and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full extent and term of any Letters Patent

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's name to this Assignment on the date indicated below.

Annelise Barron 9/8/2005 Date Erin Doherty Date

STATE OF)
)
COUNTY OF) ss

On this 9/8/05 day of September, in the year of 2005, before me, the undersigned Notary Public, personally appeared the above-named ASSIGNOR, known to me (or proven to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged that he/she/they executed the same

Barbara Spiegel
NOTARY PUBLIC
MY COMMISSION EXPIRES: 7/11/2009



ASSIGNMENT

WHEREAS, WE, Annelise Barron and Erin Doherty, hereinafter referred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **Sparsely Cross-Linked Nanogels: A Novel Polymer Structure For Microchannel DNA Sequencing**

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NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE, and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's name to this Assignment on the date indicated below.

Annelise Barron Date

Erin A. Doherty 8/23/05

Erin Doherty Date

STATE OF)
) ss.
COUNTY OF)

On this 23rd day of August, in the year of 2005, before me, the undersigned Notary Public, personally appeared the above-named ASSIGNOR, known to me (or proven to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged that he/she/they executed the same.

Theresa A. Conroy

NOTARY PUBLIC

SEAL

MY COMMISSION EXPIRES July 16, 2008