

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>Xiaolian Gao</td><td>07/23/2002</td></tr> <tr><td>Hua Zhang</td><td>08/16/2002</td></tr> <tr><td>Peilin Yu</td><td>07/15/2002</td></tr> <tr><td>Eric LeProust</td><td>10/10/2002</td></tr> <tr><td>Jean Phillipe Pellois</td><td>08/22/2002</td></tr> <tr><td>Qin Xiang</td><td>08/16/2002</td></tr> <tr><td>Xiaochuan Zhou</td><td>08/16/2002</td></tr> </tbody> </table>		Name	Execution Date	Xiaolian Gao	07/23/2002	Hua Zhang	08/16/2002	Peilin Yu	07/15/2002	Eric LeProust	10/10/2002	Jean Phillipe Pellois	08/22/2002	Qin Xiang	08/16/2002	Xiaochuan Zhou	08/16/2002
Name	Execution Date																
Xiaolian Gao	07/23/2002																
Hua Zhang	08/16/2002																
Peilin Yu	07/15/2002																
Eric LeProust	10/10/2002																
Jean Phillipe Pellois	08/22/2002																
Qin Xiang	08/16/2002																
Xiaochuan Zhou	08/16/2002																
RECEIVING PARTY DATA																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;">Name:</td><td>The Regents Of The University Of Michigan</td></tr> <tr><td>Street Address:</td><td>1600 Huron Parkway</td></tr> <tr><td>Internal Address:</td><td>2nd Floor</td></tr> <tr><td>City:</td><td>Ann Arbor</td></tr> <tr><td>State/Country:</td><td>MICHIGAN</td></tr> <tr><td>Postal Code:</td><td>48109</td></tr> </table>		Name:	The Regents Of The University Of Michigan	Street Address:	1600 Huron Parkway	Internal Address:	2nd Floor	City:	Ann Arbor	State/Country:	MICHIGAN	Postal Code:	48109				
Name:	The Regents Of The University Of Michigan																
Street Address:	1600 Huron Parkway																
Internal Address:	2nd Floor																
City:	Ann Arbor																
State/Country:	MICHIGAN																
Postal Code:	48109																
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>13270865</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13270865												
Property Type	Number																
Application Number:	13270865																
CORRESPONDENCE DATA																	
<p>Fax Number: (608)662-1266</p> <p>Phone: 608-662-1277</p> <p>Email: kjgarcia@casimirjones.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Casimir Jones, S.C.</p> <p>Address Line 1: 2275 Deming Way</p> <p>Address Line 2: Suite 310</p> <p>Address Line 4: Middleton, WISCONSIN 53562</p>																	

CH \$40.00 13270865

501687594

PATENT
REEL: 027044 FRAME: 0928

ATTORNEY DOCKET NUMBER:	UM-06119/US-6/CON
NAME OF SUBMITTER:	Tyler J. Sisk
Total Attachments: 4 source=06119US6_AssignmentParentExec#page1.tif source=06119US6_AssignmentParentExec#page2.tif source=06119US6_AssignmentParentExec#page3.tif source=06119US6_AssignmentParentExec#page4.tif	

ASSIGNMENT

WHEREAS, WE, Xiaolian Gao, Hua Zhan, Peilin Yu, Eric LeProust, Jean Phillippe Pellois, Qin Xiang and Xiaochuan Zhou 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: **Linkers And Co-Coupling Agents For
Optimization Of Oligonucleotide Synthesis
And Purification On Solid Support**

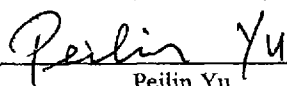
Filing Date: 03/13/02 Serial No.: 10/099,382

WHEREAS, The Regents Of The University Of Michigan, a Michigan corporation, 3003 South State Street, Ann Arbor, Michigan 48109-1280, 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, 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 end 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 will 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 names to this assignment on the date indicated below.

Xiaolian Gao	Date
	7/15/02
Peilin Yu	Date

Hua Zhang	Date
Eric LeProust	Date

Jean Phillippe Pellois	Date
------------------------	------

Qin Xiang	Date
-----------	------

Xiaochuan Zhou	Date
----------------	------

STATE OF _____)
COUNTY OF _____) ss.

On this _____ day of _____, in the year of _____, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same.

NOTARY PUBLIC

SEAL

PATENT

Attorney Docket No.: UM-06889

211. ASSIGNMENT

WHEREAS, WE, Xiaolian Gao, Hua Zhang, Peilin Yu, Eric LeProust, Jean Phillippe Pellois, Qin Xiang and Xiaochuan Zhou 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: Linkers And Co-Coupling Agents For
Optimization Of Oligonucleotide Synthesis
And Purification On Solid Support

Filing Date: 03/13/02 Serial No.: 10/099,382

WHEREAS, The Regents Of The University Of Michigan, a Michigan corporation, 3003 South State Street, Ann Arbor, Michigan 48109-1280, 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, 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 end 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 will 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 names to this assignment on the date indicated below.

Xiaolian Gao 8/16/02
Date

Hua Zhang 8/16/02
Date

Peilin Yu
Date

Eric LeProust
Date

Jean Phillippe Pellois 8/16/02
Date

Qin Xiang 8/16/02
Date

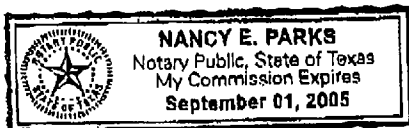
Xiaochuan Zhou
Date

STATE OF Texas
COUNTY OF Harris

ss.

On this 16 day of August, in the year of 2002, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same.

SEAL



Nancy E. Parks
NOTARY PUBLIC

PATENT

REEL: 027044 FRAME: 0931

ASSIGNMENT

WHEREAS, WE, Xiaolian Gao, Hua Zhan, Peilin Yu, Eric LeProust, Jean Phillippe Pellois, Qin Xiang and Xiaochuan Zhou 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: **Linkers And Co-Coupling Agents For
Optimization Of Oligonucleotide Synthesis
And Purification On Solid Support**

Filing Date: 03/13/02 Serial No.: 10/099,382

WHEREAS, The Regents Of The University Of Michigan, a Michigan corporation, 3003 South State Street, Ann Arbor, Michigan 48109-1280, 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, 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 end 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 will 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.~~

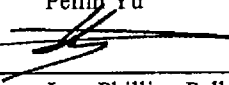
IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's names to this assignment on the date indicated below.

Xiaolian Gao Date

Hua Zhang Date

Peilin Yu Date

Eric LeProust Date


Jean Phillippe Pellois Date

Qin Xiang Date

Xiaochuan Zhou Date

STATE OF _____)

COUNTY OF _____)

ss.

On this _____ day of _____, in the year of _____, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same.

NOTARY PUBLIC

SEAL

PATENT

Attorney Docket No.: UM-06889

ASSIGNMENT

WHEREAS, WE, Xiaolian Gao, Hua Zhan, Peilin Yu, Eric LeProust, Jean Phillippe Pellois, Qin Xiang and Xiaochuan Zhou 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: Linkers And Co-Coupling Agents For
Optimization Of Oligonucleotide Synthesis
And Purification On Solid Support

Filing Date: 03/13/02 Serial No.: 10/099,382

WHEREAS, The Regents Of The University Of Michigan, a Michigan corporation, 3003 South State Street, Ann Arbor, Michigan 48109-1280, 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, 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 end 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 will 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 names to this assignment on the date indicated

below.

Xiaolian Gao 7/23/2002
Date

Peilin Yu _____
Date

Jean Phillippe Pellois _____
Date

Xiaochuan Zhou _____
Date

Hua Zhang _____
Date

Eric LeProust 10/10/02
Date

Qin Xiang _____
Date

STATE OF California
COUNTY OF Santa Clara ss.

On this 10th day of October, in the year of 2002, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same.

SEAL



Soo Yun Kim
NOTARY PUBLIC

** TOTAL PAGE.04 **