

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>Agnieszka B Sierchala</td> <td>12/09/2009</td> </tr> <tr> <td>Douglas J Dellinger</td> <td>12/09/2009</td> </tr> <tr> <td>Victor R Mokler</td> <td>12/09/2009</td> </tr> <tr> <td>Zoltan Timar</td> <td>12/09/2009</td> </tr> </tbody> </table>		Name	Execution Date	Agnieszka B Sierchala	12/09/2009	Douglas J Dellinger	12/09/2009	Victor R Mokler	12/09/2009	Zoltan Timar	12/09/2009		
Name	Execution Date												
Agnieszka B Sierchala	12/09/2009												
Douglas J Dellinger	12/09/2009												
Victor R Mokler	12/09/2009												
Zoltan Timar	12/09/2009												
RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Agilent Technologies, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>Legal Department, DL 429</td> </tr> <tr> <td>Internal Address:</td> <td>IP Administration, P. O. Box 7599</td> </tr> <tr> <td>City:</td> <td>Loveland</td> </tr> <tr> <td>State/Country:</td> <td>COLORADO</td> </tr> <tr> <td>Postal Code:</td> <td>80537-0599</td> </tr> </table>		Name:	Agilent Technologies, Inc.	Street Address:	Legal Department, DL 429	Internal Address:	IP Administration, P. O. Box 7599	City:	Loveland	State/Country:	COLORADO	Postal Code:	80537-0599
Name:	Agilent Technologies, Inc.												
Street Address:	Legal Department, DL 429												
Internal Address:	IP Administration, P. O. Box 7599												
City:	Loveland												
State/Country:	COLORADO												
Postal Code:	80537-0599												
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>12494493</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12494493								
Property Type	Number												
Application Number:	12494493												
CORRESPONDENCE DATA													
<p>Fax Number: (408)553-2365 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 4085533446</p> <p>Email: nelia_de-guzman@agilent.com</p> <p>Correspondent Name: Nelia T. de Guzman</p> <p>Address Line 1: 5301 Stevens Creek Boulevard</p> <p>Address Line 2: Mail Stop A1-PB</p> <p>Address Line 4: Santa Clara, CALIFORNIA 95051-7201</p>													
ATTORNEY DOCKET NUMBER:	20090186-01												
NAME OF SUBMITTER:	Nelia T. de Guzman												

CH \$40.00 12494493

501046919

PATENT
REEL: 023688 FRAME: 0118

Total Attachments: 4

source=20090186-01AssignSigned#page1.tif

source=20090186-01AssignSigned#page2.tif

source=20090186-01AssignSigned#page3.tif

source=20090186-01AssignSigned#page4.tif

AGILENT TECHNOLOGIES, INC.
Legal Department
Intellectual Property Administration
P.O. Box 7599
Loveland, Colorado 80537-0599

Attorney Docket No. 20090186-01

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to AGILENT TECHNOLOGIES, INC., a Delaware corporation having its principal place of business in Santa Clara, California, (hereinafter AGILENT), in furtherance of my/our obligations to AGILENT, and do hereby assign and transfer to AGILENT, its successors and assigns, the entire right, title and interest, including the right of priority in, to and under an application for Letters Patent of the United States entitled: **The Use Of Thioacetic Acid Derivatives In The Sulfurization Of Oligonucleotides With Phenylacetyl Disulfide**

Filing date: Jun 30, 2009

Serial No.: 12/494,493

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (CIP's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.

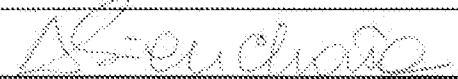
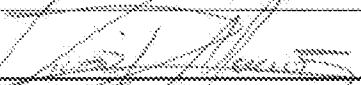

I/we additionally authorize AGILENT to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by AGILENT, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made.

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to AGILENT, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to AGILENT, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, CIP's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid AGILENT, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by AGILENT;

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to AGILENT, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct AGILENT attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.
When recorded please return to:

ASSIGNMENT OF PATENT APPLICATION (con't)

 Inventor's Signature Inventor's Name Agnieszka B. Sierzchala	Date Assignment Signed <u>9 DEC 09</u> Date Application Signed <u>9 DEC 09</u>
Inventor's Signature Inventor's Name Douglas J Dellinger	Date Assignment Signed _____ Date Application Signed _____
 Inventor's Signature Inventor's Name VICTOR R MOKLER	Date Assignment Signed <u>9 DEC 09</u> Date Application Signed <u>9 DEC 09</u>
 Inventor's Signature Inventor's Name Zoltan Timar	Date Assignment Signed <u>09 Dec 2009</u> Date Application Signed <u>09 Dec 2009</u>

AGILENT TECHNOLOGIES, INC.
Legal Department
Intellectual Property Administration
P.O. Box 7599
Loveland, Colorado 80537-0599

Attorney Docket No. 20090186-01

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to AGILENT TECHNOLOGIES, INC., a Delaware corporation having its principal place of business in Santa Clara, California, (hereinafter AGILENT), in furtherance of my/our obligations to AGILENT, and do hereby assign and transfer to AGILENT, its successors and assigns, the entire right, title and interest, including the right of priority in, to and under an application for Letters Patent of the United States entitled: **The Use Of Thioacetic Acid Derivatives In The Sulfurization Of Oligonucleotides With Phenylacetyl Disulfide**

Filing date: Jun 30, 2009

Serial No.: 12/494,493

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (CIP's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.

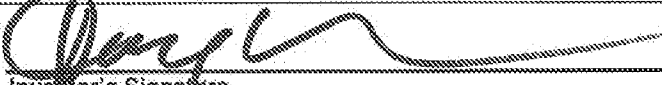
I/we additionally authorize AGILENT to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by AGILENT, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made.

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to AGILENT, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to AGILENT, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, CIP's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid AGILENT, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by AGILENT;

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to AGILENT, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct AGILENT attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.
When recorded please return to:

ASSIGNMENT OF PATENT APPLICATION (con't)

<p>Inventor's Signature _____ Inventor's Name Agnieszka B. Sierzchala</p>	<p>Date Assignment Signed _____ Date Application Signed _____</p>
<p>Inventor's Signature _____ Inventor's Name Douglas J Dellinger</p>	<p>Date Assignment Signed <u>12/9/07</u> Date Application Signed <u>12/9/07</u></p>
<p> Inventor's Signature _____ Inventor's Name VICTOR R MOKLER -Signature Pg 2</p>	<p>Date Assignment Signed _____ Date Application Signed _____</p>
<p>Inventor's Signature _____ Inventor's Name Zoltan Timar</p>	<p>Date Assignment Signed _____ Date Application Signed _____</p>