PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Agnieszka B Sierzchala	12/09/2009
Douglas J Dellinger	12/09/2009
Paul A Metz	12/09/2009
Victor R Mokler	12/09/2009

RECEIVING PARTY DATA

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

Property Type	Number
Application Number:	12494118

CORRESPONDENCE DATA

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Address Line 2: Mail Stop A1-PB

Address Line 4: Santa Clara, CALIFORNIA 95051-7201

ATTORNEY DOCKET NUMBER: 20090185-01

NAME OF SUBMITTER: Nelia T. de Guzman

PATENT

REEL: 023681 FRAME: 0992

ICH \$40.00 12494

Total Attachments: 4

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> PATENT REEL: 023681 FRAME: 0993

AGILENT TECHNOLOGIES, INC.

Attorney Docket No. 20090185-01

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

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to AGILENT TECHNOLOGIES, INC., a Detaware 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 N-Alkyl Imiduzole For Sulfurization Of Oligonacleotides With An Acetyl Disulfide

Filling date: Jun 29, 2009 Serial No.: 12/494,118

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations inpart (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 if 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:

Rev 03/07/08

PATENT REEL: 023681 FRAME: 0994

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Attorney Docket No. 20090185-01

ASSIGNMENT OF PATENT APPLICATION (con't)

Inventor's Signature Inventor's Name Agnieszka B. Sierzchala	Date Assignment Signed <u>OCC</u>
Signature on Pg 4 Inventor's Signature Inventor's Name Douglas J Dellinger	Date Assignment Signed Date Application Signed
Inventor's Signature Inventor's Name—PAUL A. METZ	Date Assignment Signed OF Dec 2007 Date Application Signed OF Dec 2009
Inventor's Signature Inventor's Name VICTOR R MOKLER	Date Assignment Signed <u>PORCO</u>

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Attorney Docket No. 20090185-01

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

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 N-Alkyl Imidazole For Sufferization Of Oligonucleotides With An Acetyl Disuffide

Filing date: Jun 29, 2009 Serial No.: 12/494,118

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-inpart (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 caths 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 if 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 filling 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:

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Attorney Docket No. 20090185-01

ASSIGNMENT OF PATENT APPLICATION (con't)

Inventor's Signature Signature on Pg 2 Inventor's Name Agnieszka B. Sierzchala	Date Assignment Signed Date Application Signed
Inventor's Signature Igwentor's Name Douglas J Dellinger	Date Assignment Signed Date Application Signed
inventor's Signature Signature on Pg 2 Inventor's Name PAUL A. METZ	Date Assignment Signed
Inventor's Signature Signature on Pg 2 Inventor's Name VICTOR R MOKLER	Date Assignment Signed Date Application Signed

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Rev 03/07/08

RECORDED: 12/21/2009