

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>James C Liu</td><td>03/09/2005</td></tr><tr><td>Kenneth H Wong</td><td>03/09/2005</td></tr><tr><td>David V Blackham</td><td>03/09/2005</td></tr></tbody></table>		Name	Execution Date	James C Liu	03/09/2005	Kenneth H Wong	03/09/2005	David V Blackham	03/09/2005
Name	Execution Date								
James C Liu	03/09/2005								
Kenneth H Wong	03/09/2005								
David V Blackham	03/09/2005								
RECEIVING PARTY DATA									
Name:	AGILENT TECHNOLOGIES, INC.								
Street Address:	P. O. Box 7599								
Internal Address:	Legal Department, MS DL 429								
City:	Loveland								
State/Country:	COLORADO								
Postal Code:	80537-0599								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11028161</td></tr></tbody></table>		Property Type	Number	Application Number:	11028161				
Property Type	Number								
Application Number:	11028161								
CORRESPONDENCE DATA									
Fax Number:	(650)485-5487								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	6504858746								
Email:	nelia_de-guzman@agilent.com								
Correspondent Name:	Nelia T. de Guzman								
Address Line 1:	3500 Deer Creek Road								
Address Line 2:	Mail Stop 26U-25								
Address Line 4:	Palo Alto, CALIFORNIA 94304-1317								
NAME OF SUBMITTER:	Nelia T. de Guzman								
Total Attachments: 2 source=10041126.assign#page1.tif source=10041126.assign#page2.tif									

CH \$40.00 11028161

PATENT

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REEL: 015785 FRAME: 0505

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 Palo Alto, 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:

VECTOR NETWORK ANALYZER MIXER CALIBRATION USING THE UNKNOWN THRU CALIBRATION

Filing date: January 3, 2005

Serial No.: 11/028,161

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P'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, C-I-P'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:



Inventor's Signature
Inventor's Typed Name: James C. Liu

Date Assignment Signed: March 9, 2005
Date Application Signed: March 9, 2005

ASSIGNMENT OF PATENT APPLICATION (cont.)

Kenneth H. Wong
Inventor's Signature
Inventor's Typed Name: Kenneth H. Wong

Date Assignment Signed: Mar. 9, 2005

Date Application Signed: Mar. 9, 2005

David V. Blackham
Inventor's Signature
Inventor's Typed Name: David V. Blackham

Date Assignment Signed: March 9, 2005

Date Application Signed: March 9, 2005

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