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To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Wing J. MAR**

Additional names(s) of conveying party(ies)  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: **21 May 2009**

2. Name and address of receiving party(ies):

Name: **AGILENT TECHNOLOGIES, INC.**

Internal Address: **Legal Department, DL429**  
**Intellectual Property Administration**

Street Address: **P.O. Box 7599**

City: **Loveland** State: **CO** ZIP: **80537**

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No. (s)  
**12/470,559**

B. Patent No.(s)

Additional numbers attached?  Yes  No

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:  
**50-1078**

5. Name and address of party to whom correspondence concerning document should be mailed:


Name: **AGILENT TECHNOLOGIES, INC.**

Internal Address: **Legal Department, DL429**  
**Intellectual Property Administration**

Street Address: **P.O. Box 7599**

City: **Loveland** State: **CO** ZIP: **80537**

9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

**Kenneth D. Springer**  **22 May 2009**

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: **2**

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PATENT

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AGILENT TECHNOLOGIES, INC.  
 Legal Department, DL429  
 Intellectual Property Administration  
 P.O. Box 7599  
 Loveland, Colorado 80537-0599

ATTORNEY DOCKET NO. 20090009-01

### 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 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:

#### FREQUENCY GENERATOR AND METHOD OF FREQUENCY GENERATION WITH MULTIPLE SAMPLING PHASE DETECTORS

Filing date: May 22, 2009 Serial No. 12/470,559

and the invention(s) and improvements(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 therefore; 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 improvements(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's 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: Wing J. MAR

Date Assignment Signed: May 21, 2009

Date Application Signed: May 21, 2009

<b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b>		Docket No. 20090009-01
Applicant(s): Wing J. MAR		

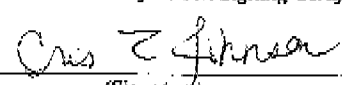
Application No. 12/470,559	Filing Date May 22, 2009	Examiner TBD	Group Art Unit TBD
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Invention: **FREQUENCY GENERATOR AND METHOD OF FREQUENCY GENERATION WITH MULTIPLE SAMPLING PHASE DETECTORS**

I hereby certify that this \_\_\_\_\_  
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