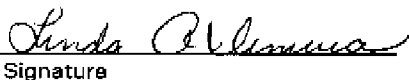


FORM PTO-1595 1-31-92		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Attorney Docket No. <u>10992394</u>	
1. Name of conveying party(ies): Miao Zhu Leonard S. Cutler			2. Name and address of receiving party(ies): AGILENT TECHNOLOGIES, INC. Legal Department, DL429 Intellectual Property Administration P.O. Box 7599 Loveland, Colorado 80537-0599		
Additional name(s) of conveying party(ies) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other					
Execution Date(s): June 5, 2000					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, execution date of the application is: A. Patent Application No.(s) <input type="checkbox"/> B. Patent No.(s) <input type="checkbox"/> Serial No.: 09/588,045 Date Filed: June 5, 2000 Additional numbers attached? <u>NO</u>					
5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager AGILENT TECHNOLOGIES, INC. 1601 California Avenue M/S 17L-5A Palo Alto, CA 94304-1111			6. Total number of applications and patents involved: _____		
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<u>Linda A. Iimura</u> Name of Person Signing		 Signature		<u>Oct 11, 2001</u> Date	
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Santa Clara, California 95052-8043

PATENT APPLICATION
ATTORNEY DOCKET NO. 10992394

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to AGILENT TECHNOLOGIES, 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:

COHERENT POPULATION TRAPPING-BASED METHOD FOR GENERATING A FREQUENCY STANDARD HAVING A REDUCED MAGNITUDE OF TOTAL a.c. STARK SHIFT

Filing date: June 5, 2000 Serial No.: 09/588,045

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.

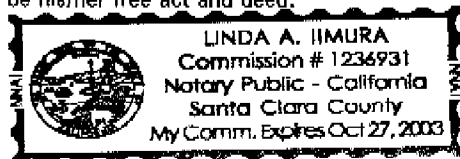
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Zhu, Miao Date Assignment Signed: June 5, 2000
Inventor's Signature (Seal)

Inventor's Typed Name: Miao Zhu Date Application Signed: June 5, 2000

State of California)
County of Santa Clara) ss.:

Before me this 5th day of June 2000, personally appeared Miao Zhu who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Linda A. Iimura
Notary Public
My commission expires: 10/27/2003

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PATENT APPLICATION
ATTORNEY DOCKET NO. 10992394

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set my/our hand(s) and seal(s):

Leonard S. Cutler Date Assignment Signed: June 5, 2000
Inventor's Signature (Seal)

Inventor's Typed Name: Leonard S. Cutler Date Application Signed: June 5, 2000

State of California)
County of Santa Clara) ss.:

Before me this 5th day of June 2000, personally appeared Leonard S. Cutler who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Linda A. Iimura
Notary Public
My commission expires: 10/27/2003

Inventor's Signature (Seal) Date Assignment Signed: _____

Inventor's Typed Name: _____ Date Application Signed: _____

State of _____)
County of _____) ss.:

Before me this _____ day of _____, personally appeared _____ who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
My commission expires: _____

Inventor's Signature (Seal) Date Assignment Signed: _____

Inventor's Typed Name: _____ Date Application Signed: _____

State of _____)
County of _____) ss.:

Before me this _____ day of _____, personally appeared _____ who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
My commission expires: _____