

FORM PTO-1595 1-31-92 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office RECORDATION FORM COVER SHEET PATENTS ONLY Attorney Docket No. 10020878-1

1. Name of conveying party(ies): Yoon K. Song Michael H. Leary Michael R. T. Tan Additional name(s) of conveying party(ies) attached Yes No

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) & address(es) attached? Yes No

3. Nature of Conveyance: X Assignment Merger Change of Name Security Agreement Other Execution Date(s): 5/26/04, 6/1/04, 6/2/04

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) B. Patent No.(s) Serial No.: 10/862,753 Date Filed: 06/07/2004 Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager AGILENT TECHNOLOGIES, INC. IP Legal Dept. 815 SW 14th Street Loveland, CO 80537

6. Total number of applications and patents involved: 1 7. Total Fee (37 CFR 3.41): . . . \$40.00 Enclosed X Authorization to be charged to deposit account. 8. Deposit Account Number: 50-1078

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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. Ann Marie Radcliffe Signature Date Nov 15, 2004 Total number of pages including cover sheet, attachments, and document: 4

OMB No. 0651-0011 (exp. 4/94) Do Not detach this portion Mail document to be recorded with required cover sheet information to: Director-U. S. Patent and Trademark Office Box Assignment PO Box 1450 Alexandria, VA 22313-1450 PATENT

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Loveland, Colorado 80537-0599

ATTORNEY DOCKET NO. 10020878-1

**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:

**HIGH THERMAL CONDUCTIVITY VERTICAL CAVITY SURFACE EMITTING LASER (VCSEL)**

Filing date: 06/07/2004

Serial No.: 10/862,753

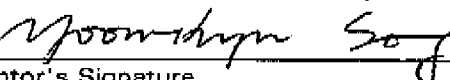
and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which 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.

  
\_\_\_\_\_  
Inventor's Signature  
Inventor's Typed Name: Yoon K. SONG

Date Assignment Signed: 01 June 2004  
Date Application Signed: 01 June 2004


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Legal Department, DL 432  
Intellectual Property Administration  
P.O. Box 7599  
Loveland, Colorado 80537-0599

ATTORNEY DOCKET NO. 10020878-1


ASSIGNMENT OF PATENT APPLICATION (cont.)

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

  
\_\_\_\_\_  
Inventor's Signature  
Inventor's Typed Name: Michael H. LEARY

Date Assignment Signed: 2 June 2004

Date Application Signed: 2 June 2004

  
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Inventor's Signature  
Inventor's Typed Name: Michael R. T. TAN

Date Assignment Signed: 26 May 2004

Date Application Signed: 26 May 2004

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Inventor's Signature  
Inventor's Typed Name:

Date Assignment Signed: \_\_\_\_\_

Date Application Signed: \_\_\_\_\_

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Inventor's Signature  
Inventor's Typed Name:

Date Assignment Signed: \_\_\_\_\_

Date Application Signed: \_\_\_\_\_

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Date Application Signed: \_\_\_\_\_

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Date Application Signed: \_\_\_\_\_

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Date Application Signed: \_\_\_\_\_