

FORM PTO-1595 1-31-92 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office RECORDATION FORM COVER SHEET PATENTS ONLY Attorney Docket No. 10004165-1

1. Name of conveying party(ies): Paul D. Bradley John D. Larson, III Richard C. Ruby

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 Yes X No

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

3. Nature of Conveyance: X Assignment Merger Change of Name Security Agreement Other

Execution Date(s): 2/28/01

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.: Date Filed: Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager AGILENT TECHNOLOGIES, INC. Legal Dept., MS DL-429 815 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. Pamela Lau Kee Signature Date Aug 23, 2001 Total number of pages including cover sheet, attachments, and document: 3

OMB No. 0651-0011 (exp. 4/94)

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Mail document to be recorded with required cover sheet information to: Director-U. S. Patent and Trademark Office Box Assignment Washington, D.C. 20231 PATENT

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AGILENT TECHNOLOGIES  
Legal Department, 51U-PD  
Intellectual Property Administration  
P. O. Box 58043  
Santa Clara, California 95052-8043

PATENT APPLICATION  
ATTORNEY DOCKET NO. 10004165

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:

METHOD FOR PRODUCING THIN FILM BULK ACOUSTIC RESONATORS (FBARS) WITH DIFFERENT FREQUENCIES ON THE SAME SUBSTRATE BY SUBTRACTING METHOD AND APPARATUS

Filing date: 3/5/2001 Serial No.: 09/799,205

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.

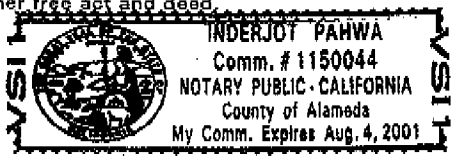
I/we further authorize and direct AGILENT attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

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

Paul D. Bradley Date Assignment Signed: 2/28/01  
Inventor's Signature (Seal)  
Inventor's Typed Name: Paul D. Bradley Date Application Signed: 2/28/01

State of California )  
County of Alameda ) ss.:

Before me this 28 day of February, 2001, personally appeared Paul D. Bradley 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.



INDERJOT PAHWA  
Notary Public  
My commission expires: Aug. 4, 2001

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Page 1 of 2

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PATENT APPLICATION  
ATTORNEY DOCKET NO. 10004165

ASSIGNMENT OF PATENT APPLICATION (cont.)

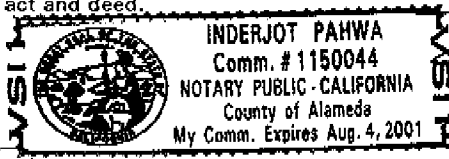
IN WITNESS WHEREOF, I we hereunto set my/our hand(s) and seal(s):

John D. Larson III Date Assignment Signed: Feb. 28, 2001  
Inventor's Signature (Seal)

Inventor's Typed Name: John D. Larson, III Date Application Signed: Feb. 28, 2001

State of California )  
County of Alameda ) ss.:

Before me this 28 day of February, 2001, personally appeared John D. Larson, III 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.



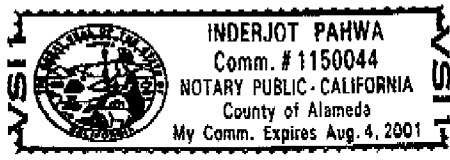
Inderjot Pahwa  
Notary Public  
My commission expires: Aug. 4, 2001

Richard C. Ruby Date Assignment Signed: 2/28/01  
Inventor's Signature (Seal)

Inventor's Typed Name: Richard C. Ruby Date Application Signed: 2/28/01

State of California )  
County of Alameda ) ss.:

Before me this 28 day of February, 2001, personally appeared Richard C. Ruby 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.



Inderjot Pahwa  
Notary Public  
My commission expires: Aug. 4, 2001

\_\_\_\_\_  
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: \_\_\_\_\_