FORM PTO-1595 1-31-92		U.S. DEPARTMENT OF COMMERCE	
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PATENTS	ONLY	Attorney Docket No. 10004164-1	
Name of conveying party(ies):	2. Name and add	ress of receiving party(ies):	
John D. Larson, III	1	HNOLOGIES, INC.	
Paul D. Bradley	Legal Departm	, DL429	
Richard C. Ruby	Intellectual Pro P.O. Box 7599	operty Administration	
		orado 80537-0599	
Additional name(s) of conveying party(ies) attachedYes _X No	Additional complete		
3. Nature of Conveyance:	Additional name(s) & a	address(es) attached?Yes _X No	
X Assignment Merger			
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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 appli	cation, execution da	te of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)		
Serial No.: Date Filed:			
- '			
	ers attached? NO		
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved: 1		
Records Manager AGILENT TECHNOLOGIES, INC.	7. Total Fee (37 CF	R 3.41): \$40.00	
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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. 10004164

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 OF PROVIDING DIFFERENTIAL FREQUENCY ADJUSTS IN A THIN FILM BULK ACOUSTIC RESONATOR (FBAR) FILTER AND APPARATUS EMBODYING THE METHOD					
and the invention(s) and improvement(s) set continuations-in-part (C-I-P's), divisionals, and renew Letters Patent, and any and all Letters Patent of the lamp be granted thereon or therefor; and any reissue Patent.	/als of and substitutes for said application for said				

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 I	nereunto set	my/our hand(s) and	d seal(s):	
Invertor's Signature (S	Seal)		Date Assignment Sign	ed: Feb, 28	, 2001
Inventor's Typed Name	: <u>John D. Larson, III</u>		Date Applic	ation Signed: <u>FQ</u>	28, 2001
State of California)			<u> </u>
County of Alam	2d~) ss.:)			
Before me this 25 personally known of a nstrument of assigni ne	noved The Ille Oil the	pasis of satisfact and deed.	INDERJOT PAHWA Comm. # 1150044 NOTARY PUBLIC - CALIFORNII County of Alameda My Comm. Expires Aug. 4, 20	Notary Public My commission es	who is knowledged the foregoing lething

REEL: 011902 FRAME: 0611

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ATTORNEY DOCKET NO. 10004164

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we here	unto set my/our hand(s) and	d seal(s).
Inventor's Signature (Seal)		Signed: 2/28/01
Inventor's Typed Name: Paul D. Bradley	Date /	Application Signed: $\frac{2/28/0}{}$
State of California)	T
County of Alameda) ss.:)	
Before me this 38 day of February	by , 206 /, personally appeared	Paul D. Bradley who is to be the person who acknowledged the foregoing
instrument of assignment to be his/her free	act and deed.	/
	INDERJOT PAHO Comm. # 11500 NOTARY PUBLIC - CALL County of Alams My Comm. Expires Aug	FORNIA My commission expires: Aig. 4, 200 /
Inventor's Signature (Seal)) Date Assignment	Signed: $\frac{2}{\angle 8/o}$
Inventor's Typed Name: Richard C. Ruby	Date A	pplication Signed: $2/28/07$
State of California County of Alamada) }ss.: }	
Before me this 22 day of Februaria personally known of proved to me on the instrument of assignment to be his/her free a	', 200/. personally appeared basis of satisfactory evidence tact and deed.	Richard C, Ruby who is to be the person who acknowledged the foregoing
N T T T T T T T T T T T T T T T T T T T	INDERJOT PAHWA Comm. # 1150044 NOTARY PUBLIC - CALIFORNI County of Alameda My Comm. Expires Aug. 4, 20	My commission expires: Aug. 4, 2001
Inventor's Signature (Seal)	Date Assignment S	ilgned:
· · ·		
Inventor's Typed Name:	Date Ap	plication Signed:
State of)) ss.:	
County of	, 23	
Before me this day of	, personally appeared _	who is be the person who acknowledged the foregoing
essocially known or proved to me on the estrument of assignment to be his/her free ac	pasis of satisfactory evidence to at and deed.	be the person who acknowledged the foregoing
		Notary Public
		My commission expires:

(Use Page Three For Additional Inventor(s) Signature(s))

Page 2 of 2