07-23-2002 **FORM PTO-1595** U.S. DEPARTMENT OF COMMERCE Т 1/31/92 Patent and Trademark Office 102164747 Express Mail Label No: EL848999764 Date of Deposit: 07/16/02 **PATENTS ONLY** Atty. Docket No. 13586US01 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof. 1. Name(s) of conveying party(ies): 2. Name(s) and address(es) of receiving party(ies): David Wu 7-16-02 Russ Lambert **Broadcom** Corporation 16215 Alton Parkway Additional name(s) of conveying party (ies) attached? [] Yes [X] No Irvine, CA 92618 3. Nature of conveyance: [X] Assignment [] Merger Additional name(s) & address(es) attached? [] Yes [X] No Security Agreement [] Change of Name [] [] Other: Effective Date: February 25, 2000 and February 26, 2002 4. Application number(s) or patent number(s): 10/083,076 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? [] Yes [[[[X No 5. Name and address of party to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 David J. Muzilla 7. Total fee (37 CFR 3.41): \$40 McAndrews, Held & Malloy [X] Enclosed 500 W. Madison Street 34th Floor [X] Please charge any additional fees required to deposit account. Chicago, Illinois 60661 8. Deposit account number: 13-0017 7/22/2002 AAHMED1 00000156 10083076 (Attach duplicate copy of this page if paying by deposit account)

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a

FC:581

9. Statement and signature.

true copy of the original document.

Signature and Registration Number: _

Name of Person Signing: David J. Muzilla

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

PATENT REEL: 013099 FRAME: 0153

Date: 07/16/02

Reg. No. 50,914

ASSIGNMENT

Case No.

13586US01

Serial No. 10/083,076

Inventor:

David Wu

Russ Lambert

Filing Date: 02/26/2002

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to **Broadcom Corporation**, a(n) California corporation, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled: **SYSTEM AND METHOD FOR SAP FM DEMODULATION** and identified as Case No. 13586US01 in the offices of **McANDREWS**, **HELD & MALLOY**, **LTD**., and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any continuation, continuation-in-part, divisional, reexamination, reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known.

The undersigned warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other document for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving

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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application or any international application designating the United States under Title 35, United States Code, §365 listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56, regarding events which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Number)	(Country)	(Date Filed)	
(Number)	(Country)	(Date Filed)	

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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David Muzilla	Reg. No. P-50,914

the address and telephone number of each of whom is McAndrews, Held & Malloy, Ltd., 500 West Madison Street, 34th Floor, Chicago, Illinois 60661, 312-775-8000, as our attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Address all telephone calls and correspondence to

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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PATENT REEL: 013099 FRAME: 0158

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