02-02-199)Q
FORM PTO-1595 (Rev. 6-93)	ET U.S. Department of Commerce
OMB No 0651-0011 (exp. 4/94)	Patent and Trademark Office
To the Honorable Con	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies): Name: Advanced Micro Devices, Inc.
Alfredo R. Linz, Terry L. Cole, Vijayakumaran V. Nair Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment	Internal Address: Street Address: 5204 E. Ben White Blvd. City: Austin State: TX Zip: 78741 Additional name(s) & address(es) attached? Yes No of the application is: January 12 and 21, 1999
A. Patent Application No.(s): N/A	B. Patent No.(s):
Additional numbers attach	ned? Yes No
 Name and address of party to whom correspondence concerning document should be mailed: Name: Terry D. Morgan Williams, Morgan & Amerson, P.C. 7676 Hillmont, Suite 250 City: Houston State: Texas Zip: 77040 	6. Total number of applications and patents involved: _1 7. Total fee (37 C.F.R. 3.41)
DO NOT USE THIS	SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and corr Terry D. Morgan Name of Person Signing, Reg. No. 31,181 Mail documents to be recorded with requir Commissioner of Patents and Trader Washington, D.C.	Signature Date Total number of pages including cover sheet, attachments and documents: 3 ed cover sheet information to: marks, Box Assignment
EXPRESS MAI NUMBER: <u>EL184428258US</u>	L RECEIPT

DATE OF DEPOSIT: JANUARY 22, 1999 I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Assistant Commissioner for Patents, Washington, DC 20231.

Signature

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PATENT

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to ADVANCED MICRO DEVICES, INC. (the "Assignee"), a corporation of Delaware, having a place of business at 5204 East Ben White Boulevard, Austin, Texas 78741, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "MULTI-TONE TRANSCEIVER FOR MULTIPLE USERS," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature:	Alfredo R. Linz	Date: 1-21-99
Signature:	Terry L. Core	Date: \ 12/99
Signature:	V. Vijayekumaran Vani Vijayakumaran V. Nair	Date: 1 21 1999

ALFREDO R. LINZ, known to me to be the perso acknowledged to me that he executed the same of expressed. BETTYE GROOM MY COMMISSION EXPIRES November 7, 2001	on this 2/5+ day of December, 1998, personally appeared in whose name is subscribed to the foregoing instrument and his own free will for the purposes and consideration therein Settly Groom Notary Public in and for the State of Texas
TERRY L. COLE, known to me to be the person	on this 124 day of December, 1998, personally appeared whose name is subscribed to the foregoing instrumentand his own free will for the purposes and consideration therein
JANET T. BOSWELL Notary Public, State of Texas My Commission Expires MARCH 29, 2001	Notary Public in and for the State of Texas
VIJAYAKUMARAN V. NAIR, known to me to be the	January 1999 on this 21st day of December, 1998, personally appeared the person whose name is subscribed to the foregoing instrument of his own free will for the purposes and consideration therein

Settly Geor

Notary Public in and for the State of Texas

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expressed.

BETTYE GROOM MY COMMISSION EXPIRES November 7, 2001

RECORDED: 01/22/1999