02-25-2002	
Form PTO 1595	Docket No. AMCC9040
To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.	
<ol> <li>Name of Conveying party(ies):         <ul> <li>ALLEN CARL MERRILL             JOSEPH JAMES BALARDETA             WEI FU             MEHMET EKER 2-7-02             </li> <li>Additional name(s) of conveying party(ies)             attached? Yes X No</li> </ul> </li> </ol>	2. Name and address of receiving Party(ies)         Name:      Applied Micro Circuits Corporation         Internal Address:
3. Nature of conveyance:         X       Assignment         Security Agreement       Change of name         Other       Other         Execution Date: October 18, 2001	City:       San Diego       State:       CA       Zip:       92121         Additional name(s) & address(es) attached?        Yes       X       No:
<ul> <li>4. Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application, the execution date of the application is:</li> <li>A. Patent Application No.(s) 09/982,156 B. Patent No.(s)</li> </ul>	
Additional numbers attached?       Yes       X       No         5. Name and address of party to whom correspondence       6. Total number of Applications and patents involved: 1	
concerning document should be mailed: Name: Terrance A. Meador, Esq. GRAY CARY WARE & FREIDENRICH LLP Street Address <u>4365 Executive Drive, Suite 1100</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92121</u> 2/22/2002 DBYRNE 00000148 09982156	7. Total fee (37 CFR 3.41)       \$ 40.00         X       : Enclosed         X: Authorized to charge the recordation fee or any underpayment to deposit account.         8. X       Deposit account Number: 07-1895
D1 FC:581 40.00 OP DO NOT USE THIS SPACE	
<ul> <li>9. Statement and signature.</li> <li>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.</li> <li><u>TERRANCE A. MEADOR</u></li> <li><u>TERRANCE A. MEADOR</u></li> <li><u>Name of Person Signing</u></li> <li>Registration No. 30,298</li> </ul>	
Total number of pages including cover sheet, attachments, and document:       4         Mail documents to be recorded with required cover sheet information to:	
COMMISSIONER OF PATENTS AND TRADEMARKS, BOX ASSIGNMENTS WASHINGTON, D.C. 20231	

#### ASSIGNMENT

#### TO WHOM IT MAY CONCERN

For the sum of One Dollar and other valuable consideration to me in hand paid, receipt of which is hereby acknowledged, be it known that I, ALLEN CARL MERRILL, of 1217 Green Orchard Place, Encinitas, California 92024; JOSEPH JAMES BALARDETA, of 1265 Veronica Court, Carlsbad, California 92009; WEI FU, of 7973 Eclipse Road, San Diego, California 92129 and MEHMET EKER, of 10445 Mast Blvd. Apt. 208, Santee, California 92071, have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto APPLIED MICRO CIRCUITS CORPORATION, a California corporation, with a place of business at 6290 Sequence Drive, San Diego, CA 92121, its successors, legal representatives, or assigns, my whole right, title and interest in and to a certain invention relating to METHODS AND APPARATUS FOR PRODUCING A REFERENCE FREQUENCY SIGNAL WITH USE OF A REFERENCE FREQUENCY QUADRUPLER HAVING FREQUENCY SELECTION CONTROLS by me devised and the application executed by me and filed in the United States Patent and Trademark Office on October 18, 2001 , Serial No. 09/982,156 (applicant's attorney is authorized to enter serial number and filing date after execution of this document) and all original and reissue patents granted thereof, and all divisions and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that I have full right to do so, and agree that I will communicate to said corporation, or its representatives, all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation., its successors, assigns, and nominees, to obtain and enforce proper patent protection for said invention in the United States of America and throughout the world.

GT\6260155.1 103747-165357

# PATENT REEL: 012589 FRAME: 0340

Docket No. AMCC9040

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation., in keeping with this Assignment.

Date: \_\_\_\_( 0[ /ð[ 0 /

Date: 10/18/2001

Date: 10/18/2001 Date: 10/18/2001

em

AL

MES BALARDETA

WELEI

GT\6260155.1 103747-165357

### **RECORDED: 02/07/2002**

## PATENT REEL: 012589 FRAME: 0341