


FORM PTO-1595 (Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005)		Recordation Form Cover Sheet PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office			
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.							
1. Name of conveying party(ies): Douglas F. Horan Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		2. Name and address of receiving party(ies): Name: Winbond Electronics Corporation Internal Address: _____ Street Address: No. 4, Creation Rd. III, Science-Based Industrial Park City: Hsinchu State: _____ Zip: _____ Country: Taiwan, Republic of China Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes					
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>09/27/2004</u>		4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ <table style="width: 100%;"> <tr> <td style="width: 50%; text-align: center; vertical-align: top;"> A. Patent Application No.(s) 09/501,699 </td> <td style="width: 50%; text-align: center; vertical-align: top;"> B. Patent No.(s) _____ _____ _____ _____ _____ </td> </tr> </table> Additional numbers attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes				A. Patent Application No.(s) 09/501,699	B. Patent No.(s) _____ _____ _____ _____ _____
A. Patent Application No.(s) 09/501,699	B. Patent No.(s) _____ _____ _____ _____ _____						
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Blakely, Sokoloff, Taylor & Zafman LLP Internal Address: _____ Street Address: 12400 Wilshire Boulevard 7th Floor City: Los Angeles State: CA ZIP: 90025		6. Total number of applications and patents involved: 1 7. Total Fee (37 CFR 3.41).....\$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account Number: 02-2666 (Attach duplicate copy of this page if paying by deposit account)					
DO NOT USE THIS SPACE							
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.</i>							
Roger W. Blakely, Jr. _____ Name of Person Signing		 _____ Signature		December 16, 2004 _____ Date			
Total number of pages including cover sheet, attachments, and document: 3							

Mail documents to be recorded with required cover sheet information to:
 Mail Stop Assignment Recordation Services
 Director of the US Patent and Trademark Office
 P.O. Box 1450
 Alexandria, VA 22313-1450

Attorney's Docket No.: 42236P058

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Geoffrey B. Jackson; Saleel V. Awsare; Ming-Bing Chang; Peter Holzmann; Oliver Chihkuang Kao; Hung-Chuan Pai; Carl R. Palmer; Aditya Raina; Douglas F. Horan

hereby sell, assign, and transfer to:

Winbond Electronics Corporation

a Corporation of Taiwan, having a principal place of business at No. 4, Creation Rd. III, Science-Based Industrial Park, Hsinchu, Taiwan, Republic of China ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent filed on February 10, 2000, and assigned Application No. 09/501,699 and is entitled:

Multiple Message Multilevel Analog Signal Recording and Playback System Having Memory Array Configurable for Analog and Digital Storage and Serial Communication

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority from the filing of said United States applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, power of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Date _____ Name: **Geoffrey B. Jackson**

Date _____ Name: **Saleel V. Awsare**

Date _____ Name: **Ming-Bing Chang**

Date _____ Name: **Peter Holzmänn**

Date _____ Name: **Oliver Chihkuang Kao**

Date _____ Name: **Hung-Chuan Pai**

Date _____ Name: **Carl R. Palmer**

Date _____ Name: **Aditya Raina**

9-27-04 _____
Date _____ Name: **Douglas F. Horan**

Date _____ Name: _____

Date _____ Name: _____

Assignment Document Return Address:

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