

06/18/04

06-29-2004

Docket No. JCLA13679



Form 1595
1-31-92

RECORDATION FC

102778494

Department of Commerce
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PATENTS ONLY

To the Honorable Assistant Commissioner for Patents: Please record the attached
Original documents or copy thereof.

1. Name of conveying party(ies): Chien-Hsing Liao, Wei-Min Chang, Tai-Kuo Woo, Shih-Che Lin, Jyh-Horng Wen	2. Name/address of receiving Party(ies): Chung-Shan Institute of Science and Technology, Armaments Bureau, M.N.D. No. 481, Chia-An Tuan, Chung-Cheng Rd., Chia-An Tsun, Lung-Tan, Taoyuan, Taiwan, R.O.C. Add'l names of receiving parties Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other <input type="checkbox"/> Change of Name <input type="checkbox"/> Reassignment	
Date(s) of execution: <u>June 15, 2004</u>	

5. Application number(s) or patent number(s):
If this documents is being filed together with a new application, the execution date of the application are June 15, 2004

A. Patent Application No. (s) <u>101871129</u> Additional numbers attached ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent No. (s)
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6. Name and address of party to whom Correspondence concerning document should be mailed: J.C. Patents, Inc. 4 Venture, Suite 250 Irvine, CA 92618 (949) 660-0761	7. Total No. of applications and patents involved: ONE(1)
	8. Total fee (37 CFR §3.41): <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Charge to Acct. No. _____
	9. Total number of pages, including Cover sheet, attachments and document 3.

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10. Statement and Signature:

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.

Jiawei Huang [Signature] 6/18/2004
 Name of Person Signing Signature Date

Registration No. 43,330

(06/28/2004 LMUELLER 00000092 10871129
01 FC:8021 40.00 DP)

16834 U.S. PTO
10/871129
061804

ASSIGNMENT

WHEREAS,

- | | |
|---------------------|------------------|
| 1. Chien-Hsing Liao | 2. Wei-Min Chang |
| 3. Tai-Kuo Woo | 4. Shih-Che Lin |
| 5. Jyh-Horng Wen | |

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: **HIERARCHICAL ADAPTIVE EQUALIZER AND DESIGN METHOD THEREOF**

Filed: Serial No.

Executed concurrently with the execution of this instrument

WHEREAS, CHUNG SHAN INSTITUTE OF SCIENCE AND TECHNOLOGY, ARMAMENTS BUREAU, M.N.D
of No. 481, Chia-An Tuan, Chung-Cheng Rd., Chia-An Tsun, Lung-Tan, Taoyuan, Taiwan, R.O.C.

hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

ASSIGNMENT CONTINUED

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Chien-Hsing Liao
Signature:

June 15, 2004
Date:

Sole or First Joint Inventor: Chien-Hsing Liao

Wei-Min Chang
Signature:

June 15, 2004
Date:

Second Joint Inventor(if any): Wei-Min Chang

Tai-Kuo Woo
Signature:

June 15, 2004
Date:

Third Joint Inventor(if any): Tai-Kuo Woo

Shih-Che Lin
Signature:

June 15, 2004
Date:

Fourth Joint Inventor(if any): Shih-Che Lin

Jyh-Horng Wen
Signature:

June 15, 2004
Date:

Fifth Joint Inventor(if any): Jyh-Horng Wen