Docket No. JCLA6835



| 1-31- | 10109 | Patent and Trademark Office | |
|--|---|--|--|
| 4 | PATENTS ONLY | ••• • | |
| To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof. | | | |
| 1. | Name of conveying party(ies): Chen-Fu Chien, Kuo-Hao Chang, Chih-Ping Chen, Shun-Li Lin | Name/address of receiving Party(ies): MACRONIX International Co., Ltd. | |
| | Nature of conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Other ☐ Change of Name ☐ Reassignment Date(s) of execution: July 4, 2001; July 12, | No. 16, Li-Hsin Rd., Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C. | |
| | 2001; July 13, 2001. | Add'1 names of receiving parties Attached? Pres No 09/920030 | |
| 5. | Application number(s) or patent number(s) | | |
| | If this documents is being filed to execution date of the application is 2001. | | |
| | A. Patent Application No. (s) | B. Patent No. (s) | |
| | | ? ☐ Yes ☒ No | |
| 6. | Name and address of party to whom | 7. Total No. of applications and patents involved: | |
| | Correspondence concerning document should be mailed: | | |
| | should be maried. | ONE(1) | |
| | J.C. Patents, Inc. 1340 Reynolds Ave., Suite 114 | 8. Total fee (37 CFR §3.41): \$40.00 Enclosed | |
| | Irvine, CA 92614 | ☐ Charge to Acct. No | |
| | (949) 660-0761 | Total number of pages, including Cover sheet, attachments and document 3. | |
| DO NOT USE THIS SPACE | | | |
| 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 8/1/2001 | | | |
| Name of Person Signing Signature Date | | | |

Registration No. 43,330 (08/10/2001 DBYRNE 00000135 09920034

01 FC:581

PATENT REEL: 012049 FRAME: 0411

ASSIGNMENT

WHEREAS,

1. Chen-Fu Chien

3. Chih-Ping Chen

2. Kuo-Hao Chang

4. Shun-Li Lin

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: OVERLAY ERROR MODEL, SAMPLING STRATEGY AND ASSOCIATED EQUIPMENT FOR IMPLEMENTATION

[] Filed: Serial No.

[x] Executed concurrently with the execution of this instrument

WHEREAS, MACRONIX International Co., Ltd. of No. 16, Li-Hsin Rd., Science-Based Industrial Park, Hsinchu, 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.

-1-

ASSIGNMENT CONTINUED

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

| indicated. | |
|--|---------------------|
| Signature: | July 4, 200] Date: |
| Sole or First Joint Inventor: Chen-Fu Chien | |
| Signature: | Taley 13, 2001 |
| Second Joint Inventor (if any): Kuo-Hao Chang | |
| Signature: Third Joint Inventor (if any): Chih-Ping Chen | Date: July 13, 200/ |
| Time continuous (in any). Com in inig consin | |
| Shun-L. Cin | July 12, 500/ |

Date:

Signature:

Fourth Joint Inventor (if any): Shun-Li Lin

RECORDED: 08/01/2001