07/12/2006 01 FC:8021 Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

## RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

07-13-2006



Attorney Docket No.

**128629** 

1/481022

| ·    | 1020726  | 276 - 9-   |  |  |  |  |  |  |
|------|--|--|--|--|--|--|--|--|
|      | 1032736<br>Please record the attached ori  | ginal document or copy thereof.  |  |  |  |  |  |  |
| 1.   | <ul><li>A. Name of conveying parties:</li><li>[1] Chung Zen CHEN</li><li>[2] Jo Yu WANG</li><li>[3] Fu An WU</li></ul>   | 2. A. Name and address of receiving party:  ELITE SEMICONDUCTOR MEMORY TECHNOLOGY INC. NO. 23, INDUSTRY E. RD. IV, |  |  |  |  |  |  |
|      | B. Additional name(s) of conveying party(ies) attached?  ☐ Yes ☒ No  | SCIENCE-BASED INDUSTRIAL PARK<br>HSINCHU 300, TAIWAN,<br>R.O.C.  |  |  |  |  |  |  |
| 3.   | A. Nature of conveyance:   | B. Additional name(s) & address(es) attached?  ☐ Yes ☑ No  |  |  |  |  |  |  |
|      |  |  |  |  |  |  |  |  |
|      | ☐ Security Agreement ☐ Change of Name  |  |  |  |  |  |  |  |
|      | Other  |  |  |  |  |  |  |  |
|      | B. Execution Date: [ALL] June 20, 2006   |  |  |  |  |  |  |  |
| 4.   | 4. A This document is being filed together with a new application.   |  |  |  |  |  |  |  |
|      | A. Patent Application No.(s)   | B. Patent No.(s)   |  |  |  |  |  |  |
|      | l<br>Additional numbers attached? ☐ Yes ☒ No   |  |  |  |  |  |  |  |
| DI   | C. Title of Application: METHODS FOR PROGRAMMING AND READING NAND FLASH MEMORY DEVICE AND PAGE BUFFER PERFORMING THE SAME  |  |  |  |  |  |  |  |
| 5.   | Name and address of party to whom correspondence concerning document should be mailed:   | 6. Total number of applications and patents involved: 1  |  |  |  |  |  |  |
|      | Name: James A. Oliff   | 7. A. Total fee (37 CFR 3.41)\$ 40.00  |  |  |  |  |  |  |
| BYRN | E 00000070 11481 <del>022</del>  | B. Enclosed (Check No. <u>181717</u> )   |  |  |  |  |  |  |
|      | Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320   | Credit any overpayment or charge any underpayment to deposit account number 15-0461.                               |  |  |  |  |  |  |
|      |  |  |  |  |  |  |  |  |
| 9.   | 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. |  |  |  |  |  |  |  |
|      | James A. Oliff, Registration No. 27,075  Jesse O. Collier, Registration No. 53,839   |  |  |  |  |  |  |  |
|      | Total number of pages including cover sheet, attachments, and document: 2  |  |  |  |  |  |  |  |

## ASSIGNMENT

|                    |   | (1) CHEN, CHUNG ZEN (5)  |  |  |  |
|--------------------|---|--|--|--|--|
| (1-8)              | Insert  | (2) <u>WANG, JO YU</u> (6)   |  |  |  |
|                    | Name(s) of Inventor(s)                                      | (3) <u>WU, FU AN</u> (7)   |  |  |  |
|                    |   | (4) (8)  |  |  |  |
|                    |   | In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to  |  |  |  |
| (9)                | Insert Name of<br>Assignee                                  | (9) <u>ELITE SEMICONDUCTOR MEMORY TECHNOLOGY INC.</u>  |  |  |  |
| (10)               | Insert Address of<br>Assignee                               | (10) NO. 23, INDUSTRY E. RD. IV, SCIENCE-BASED INDUSTRIAL PARK, HSINCHU 300, TAIWAN, R.O.C.  |  |  |  |
|                    |   | (hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as |  |  |  |
| (11)               | Insert  | (11) METHODS FOR PROGRAMMING AND READING NAND FLASH MEMORY DEVIC<br>AND PAGE BUFFER PERFORMING THE SAME  |  |  |  |
|                    | ldentification<br>such as Title, Case<br>Number, or Foreign |  |  |  |  |
|                    | Application Number  | (Attorney Docket No. 128629 )  |  |  |  |
|                    |   | for which the undersigned has (have) executed an application for patent in the United States of Ameri<br>on even date herewith or  |  |  |  |
| (12)               | Insert Date of<br>Signing of                                | (12)<br>on   |  |  |  |
|                    | Application   |  |  |  |  |
| (13)               | Alternative   | (13) U.S. application Serial<br>Number   |  |  |  |
|                    | Identification for filed applications                       | filed July 6, 2006   |  |  |  |
| reissue<br>applica | applications for the invention tions and patents as the Ass | ees to execute all papers necessary in connection with any application and any continuing, divisional or on, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such ignee may deem necessary.   |  |  |  |

- Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

|      |              | · · · · · · · · · · · · · · · · · · · | · -                        |          |
|------|--------------|---------------------------------------|----------------------------|----------|
| Date | 20 June 2006 | Inventor Signature                    | Chen, Chung Zen            | (SEAL)   |
| Date | 20 June 2006 | Inventor Signature                    | CHEN, CHUNG ZEN Wang Jo Yu | _ (SEAL) |
| Date | 20 June 2006 | Inventor Signature                    | WANG, JO YU Wu. Fu. An.    | (SEAL)   |
| Date |              | Inventor Signature                    | WU, FU AN                  | (SEAL)   |
| Date |              | Inventor Signature                    |                            | (SEAL)   |
| Date |              | Inventor Signature                    |                            | (SEAL)   |
| Date |              | Inventor Signature                    |                            | (SEAL)   |
| Date |              | Inventor Signature                    |                            | (SEAL)   |
|      |              |                                       |                            |          |

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

E39981 005283270