

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Chun-Sung Huang</td><td>02/08/2009</td></tr><tr><td>Ping-Chia Shih</td><td>02/08/2009</td></tr><tr><td>Chiao-Lin Yang</td><td>02/08/2009</td></tr><tr><td>Chi-Cheng Huang</td><td>02/08/2009</td></tr></tbody></table>	Name	Execution Date	Chun-Sung Huang	02/08/2009	Ping-Chia Shih	02/08/2009	Chiao-Lin Yang	02/08/2009	Chi-Cheng Huang	02/08/2009	
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RECEIVING PARTY DATA											
Name:	UNITED MICROELECTRONICS CORP.										
Street Address:	No.3, Li-Hsin Road 2, Science-Based Industrial Park										
City:	Hsin-Chu City										
State/Country:	TAIWAN										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12368223</td></tr></tbody></table>	Property Type	Number	Application Number:	12368223							
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Application Number:	12368223										
CORRESPONDENCE DATA											
Fax Number:	(703)997-4517										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	3027291562										
Email:	Patent.admin.uspto.cr@naipo.com										
Correspondent Name:	WINSTON HSU										
Address Line 1:	P.O.BOX 506										
Address Line 4:	Merrifield, VIRGINIA 22116										
ATTORNEY DOCKET NUMBER:	NAUP1050USA										
NAME OF SUBMITTER:	WINSTON HSU										
Total Attachments: 2 source=567882#page1.tif source=567882#page2.tif											

CH 12368223 \$40.00

PATENT

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REEL: 022229 FRAME: 0496

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration.

ASSIGNOR(S) (Inventors):

Name: Chun-Sung Huang Nationality: TWN

Name: Ping-Chia Shih Nationality: TWN

Name: Chiao-Lin Yang Nationality: TWN

Name: Chi-Cheng Huang Nationality: TWN

Hereby sells, assigns and transfers to

ASSIGNEE(S):

Name: UNITED MICROELECTRONICS CORP.

Address: No.3, Li-Hsin Road 2, Science-Based Industrial Park, Hsin-Chu City 300, Taiwan, R.O.C.

and the successors and assignees of the ASSIGNEE the entire right, title, and interest in and to any and all improvements which are disclosed in the invention entitled:

"NAND MEMORY CELLS AND MANUFACTURING METHOD THEREOF"

Which is found in :

- (a) + U.S. patent application executed on even date
- (b) _____ U.S. patent application executed on _____
- (c) _____ U.S. application serial no. _____
- (d) _____ patent no. _____ issued _____

PATENT

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuations, continuation-in-part, divisions, renewals, substitutes, or extensions thereof, and as to Letters Patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the proposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this FEB 08 2009 (Date of signing). (請發明人務必簽署上列日期。)

(Type name of inventor)

Signature of INVENTOR

Chun-Sung Huang

Chun - Sung Huang

Ping-Chia Shih

Ping - Chia Shih

Chiao-Lin Yang

Chiao - Lin Yang

Chi-Cheng Huang

Chi - Cheng Huang