

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hung-Lin SHIH</td> <td>09/24/2009</td> </tr> <tr> <td>Jr-Bin CHEN</td> <td>09/24/2009</td> </tr> <tr> <td>Pei-Ching YIN</td> <td>09/24/2009</td> </tr> <tr> <td>Hui-Fang TSAI</td> <td>09/24/2009</td> </tr> </tbody> </table>		Name	Execution Date	Hung-Lin SHIH	09/24/2009	Jr-Bin CHEN	09/24/2009	Pei-Ching YIN	09/24/2009	Hui-Fang TSAI	09/24/2009
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CORRESPONDENCE DATA											
Fax Number: (703)935-0067 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 5712765506 Email: lanwayipr@gmail.com Correspondent Name: Chun-Ming Shih Address Line 1: 13611 Northbourne Dr. Address Line 4: Centreville, VIRGINIA 20120											
ATTORNEY DOCKET NUMBER:	07147UMC-US										
NAME OF SUBMITTER:	Chun-Ming Shih										
Total Attachments: 1 source=ass147#page1.tif											

CH \$40.00 12568953

PATENT

500974764

REEL: 023297 FRAME: 0234

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Hung-Lin SHIH, Jr-Bin CHEN, Pei-Ching YIN, Hui-Fang TSAI
hereinafter referred to collectively as the assignor, has invented a certain improvement relating to

NON-VOLATILE MEMORY CELL AND LAYOUT STRUCTURE OF NON-VOLATILE MEMORY DEVICE

[x] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
[] said application having been filed in the United States Patent and Trademark Office on _____,
(Application Serial No. _____) the application serial number of said application when known;
[] said application having been filed under the Patent Cooperation Treaty on _____,
(Serial No. _____) the United States of America being designated.

AND WHEREAS United Microelectronics Corporation
who's address is No. 3, Li-Hsin Rd. II, Hsinchu Science Park, Taiwan 300, ROC

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

<u>Hung-Lin SHIH</u>	<u>Hung-Lin Shih</u>	<u>2009. Sep. 24</u>
Name of sole or first inventor	Signature	Date
<u>Jr-Bin CHEN</u>	<u>Jr - Bin Chen</u>	<u>2009. Sep 24</u>
Name of second inventor, if any	Signature	Date
<u>Pei-Ching YIN</u>	<u>Pei - Ching Yin</u>	<u>2009. Sep. 24</u>
Name of third inventor, if any	Signature	Date
<u>Hui-Fang TSAI</u>	<u>Hui-Fang Tsai</u>	<u>2009. Sep 24</u>
Name of fourth inventor, if any	Signature	Date

PATENT

RECORDED: 09/29/2009

REEL: 023297 FRAME: 0235