

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>Lu-An CHEN</td> <td>02/03/2012</td> </tr> <tr> <td>Tai-Hsiang LAI</td> <td>02/03/2012</td> </tr> <tr> <td>Tien-Hao TANG</td> <td>02/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Lu-An CHEN	02/03/2012	Tai-Hsiang LAI	02/03/2012	Tien-Hao TANG	02/03/2012
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CORRESPONDENCE DATA									
<p>Fax Number: (703)880-7487 Phone: 703-684-4411 Email: FAXVA@WPAT.COM <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: WPAT, PC INTELLECTUAL PROPERTY ATTORNEYS Address Line 1: 8230 Boone Blvd, Suite 405 Address Line 4: Vienna, VIRGINIA 22182</p>									
ATTORNEY DOCKET NUMBER:	66007-612								
NAME OF SUBMITTER:	Justin King								
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif									

OP \$40.00 13369423

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Lu-An CHEN, Tai-Hsiang LAI, Tien-Hao TANG
hereinafter referred to collectively as the assignor, has invented a certain improvement relating to

SEMICONDUCTOR 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, SCIENCE-BASED INDUSTRIAL PARK, HSINCHU,
TAIWAN, R. O. C.

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.

UMCD-2011-0469

Lu-An CHEN *Lu An Chen* FEB 03 2012
Name of sole or first inventor Signature Date

Tai-Hsiang LAI *Tai-Hsiang Lai* FEB 03 2012
Name of second inventor, if any Signature Date

Tien-Hao TANG *Tien-Hao Tang* FEB 03 2012
Name of third inventor, if any Signature Date