

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Chih-Ming Wang</td> <td>08/30/2011</td> </tr> <tr> <td>Ping-Chia Shih</td> <td>08/30/2011</td> </tr> <tr> <td>Chi-Cheng Huang</td> <td>08/30/2011</td> </tr> <tr> <td>Hsiang-Chen Lee</td> <td>09/05/2011</td> </tr> <tr> <td>Chih-Hung Lin</td> <td>09/05/2011</td> </tr> </tbody> </table>		Name	Execution Date	Chih-Ming Wang	08/30/2011	Ping-Chia Shih	08/30/2011	Chi-Cheng Huang	08/30/2011	Hsiang-Chen Lee	09/05/2011	Chih-Hung Lin	09/05/2011
Name	Execution Date												
Chih-Ming Wang	08/30/2011												
Ping-Chia Shih	08/30/2011												
Chi-Cheng Huang	08/30/2011												
Hsiang-Chen Lee	09/05/2011												
Chih-Hung Lin	09/05/2011												
<b>RECEIVING PARTY DATA</b>													
Name:	UNITED MICROELECTRONICS CORP.												
Street Address:	NO. 3, LI-HSIN RD. II, Hsinchu Science Park												
City:	HSINCHU												
State/Country:	TAIWAN												
Postal Code:	30078												
<b>PROPERTY NUMBERS Total: 1</b>													
Property Type	Number												
Application Number:	13295191												
<b>CORRESPONDENCE DATA</b>													
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												
ATTORNEY DOCKET NUMBER:	67407-154												
NAME OF SUBMITTER:	Justin King												
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif													

OP \$40.00 13295191

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 1 of 2

WHEREAS Chih-Ming Wang, Ping-Chia Shih, Chi-Cheng Huang, Hsiang-Chen Lee and Chih-Hung Lin

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to

METHOD FOR FORMING SEMICONDUCTOR STRUCTURE AND METHOD FOR FORMING MEMORY USING THE SAME

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 \_\_\_\_\_, authorization being hereby given to my attorneys, Justin I. King (Reg. No. 50464) of WPAT, P.C., Law Group, to insert here in parentheses (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 CORP. of NO.3 LI-HSIN RD.II, HSINCHU SCIENCE PARK, TAIWAN 30078, 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 therefor, 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.

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2

ASSIGNOR:

Signature: Chih-Ming Wang

Printed Name: Chih-Ming Wang

Date: 2011.8.30

ASSIGNOR:

Signature: Ping-Chia Shih

Printed Name: Ping-Chia Shih

Date: 2011.8.30

ASSIGNOR:

Signature: Chi-Cheng Huang

Printed Name: Chi-Cheng Huang

Date: 2011.8.30

ASSIGNOR:

Signature: Hsiang-Chen Lee

Printed Name: Hsiang-Chen Lee

Date: 2011.9.5

ASSIGNOR:

Signature: Chih-Hung Lin

Printed Name: Chih-Hung Lin

Date: 2011.9.5

WITNESS:

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_