

PATENT ASSIGNMENT

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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>Chang-Sheng HSU</td> <td>05/18/2012</td> </tr> <tr> <td>Kuo-Yuh YANG</td> <td>05/18/2012</td> </tr> <tr> <td>Kuo-Hsiung HUANG</td> <td>05/18/2012</td> </tr> <tr> <td>Yan-Da CHEN</td> <td>05/18/2012</td> </tr> <tr> <td>Chia-Wen LIEN</td> <td>05/18/2012</td> </tr> </tbody> </table>		Name	Execution Date	Chang-Sheng HSU	05/18/2012	Kuo-Yuh YANG	05/18/2012	Kuo-Hsiung HUANG	05/18/2012	Yan-Da CHEN	05/18/2012	Chia-Wen LIEN	05/18/2012
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Yan-Da CHEN	05/18/2012												
Chia-Wen LIEN	05/18/2012												
RECEIVING PARTY DATA													
Name:	UNITED MICROELECTRONICS CORPORATION												
Street Address:	NO. 3, LI-HSIN RD. II, SCIENCE-BASED INDUSTRIAL PARK												
City:	HSINCHU												
State/Country:	Taiwan ROC												
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>13478223</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13478223								
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Application Number:	13478223												
CORRESPONDENCE DATA													
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												
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Address Line 4:	Vienna, VIRGINIA 22182												
ATTORNEY DOCKET NUMBER:	66007-647												
NAME OF SUBMITTER:	Justin King												
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif													

OP \$40.00 13478223

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Chang-Sheng HSU, Kuo-Yuh YANG, Kuo-Hsiung HUANG, Yan-Da CHEN, Chia-Wen LIEN

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

THINNED WAFER AND FABRICATING METHOD THEREOF

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-2011-0665

Chang-Sheng HSU *Chang Sheng Hsu* MAY 18 2012
Name of sole or first inventor Signature Date

Kuo-Yuh YANG *Kuo-Yuh Yang* 3/ MAY 18 2012
Name of second inventor, if any Signature Date

Kuo-Hsiung HUANG *Kuo-Hsiung Huang* MAY 18 2012
Name of third inventor, if any Signature Date

Yan-Da CHEN *Yan-Da Chen* MAY 18 2012
Name of fourth inventor, if any Signature Date

Chia-Wen LIEN *Chia-Wen Lien*
Name of fifth inventor, if any Signature Date

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Chang-Sheng HSU
Name of sole or first inventor Signature Date

Kuo-Yuh YANG
Name of second inventor, if any Signature Date

Kuo-Hsiung HUANG
Name of third inventor, if any Signature Date

Yan-Da CHEN
Name of fourth inventor, if any Signature Date

Chia-Wen LIEN *Chia-Wen Lien* MAY 18 2012
Name of fifth inventor, if any Signature Date