

# 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" 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>Lee-Chung LU</td> <td>08/05/2010</td> </tr> <tr> <td>Wen-Hao CHEN</td> <td>08/05/2010</td> </tr> <tr> <td>Yuan-Te HOU</td> <td>08/05/2010</td> </tr> <tr> <td>Shen-Feng CHEN</td> <td>08/05/2010</td> </tr> <tr> <td>Meng-Fu YOU</td> <td>08/05/2010</td> </tr> </tbody> </table>		Name	Execution Date	Lee-Chung LU	08/05/2010	Wen-Hao CHEN	08/05/2010	Yuan-Te HOU	08/05/2010	Shen-Feng CHEN	08/05/2010	Meng-Fu YOU	08/05/2010
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (215)689-4905</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 619-744-2243</p> <p>Email: jsjiulianti@duanemorris.com</p> <p>Correspondent Name: Duane Morris LLP</p> <p>Address Line 1: 30 South 17th Street</p> <p>Address Line 4: Philadelphia, PENNSYLVANIA 19103-4196</p>													
ATTORNEY DOCKET NUMBER:	N1085-00715												
NAME OF SUBMITTER:	Mark J. Marcelli												

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**PATENT**  
**REEL: 025092 FRAME: 0695**

Total Attachments: 3

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Serial No. 12/845,162  
 filed July 28, 2010

**ATTORNEY DOCKET NO.: 2010.0609/1085.715**

**ASSIGNMENT AND AGREEMENT**

For value received, we, **Lee-Chung Lu, Wen-Hao Chen, Yuan-Te Hou, Shen-Feng Chen and Meng-Fu You**, hereby transfer to **Taiwan Semiconductor Manufacturing Co., Ltd.**, with its principal place of business located at No. 8, Li-Hsin Road 6, Science-Based Industrial Park, Hsin-Chu, Taiwan 300-77, Republic of China, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **ELECTROMIGRATION RESISTANT STANDARD CELL DEVICE** described in a non-provisional application, and under any and all Letters Patent and any divisions, continuations, continuations-in-part, reexamination certificates, reissues, and extensions thereof, or claiming priority therefrom that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Taiwan Semiconductor Manufacturing Co., Ltd. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Taiwan Semiconductor Manufacturing Co., Ltd. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Taiwan Semiconductor Manufacturing Co., Ltd. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Taiwan Semiconductor Manufacturing Co., Ltd. in the United States and in all countries foreign to the United States, or to such nominees as Taiwan Semiconductor Manufacturing Co., Ltd. may designate.

ATTORNEY DOCKET NO.: 2010.0609/1085.715

We agree that, when requested, we shall, without charge to Taiwan Semiconductor Manufacturing Co., Ltd. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Inventor No. 1

Dated: 2010.8.5

Lee-Chung Lu  
Lee-Chung LU

Residence:

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Inventor No. 2

Dated: 2010.8.5

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Inventor No. 3

Dated: 2010.8.5

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Yuan-Te HOU

Residence:

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ATTORNEY DOCKET NO.: 2010.0609/1085.715

Inventor No. 4

Dated: 2010.8.5

Shen-Feng Chen  
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Residence:

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Inventor No. 5

Dated: 2010.08.05

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Meng-Fu YOU

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