

PATENT ASSIGNMENT

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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>Sunny WU</td><td>03/08/2011</td></tr> <tr><td>Chun-Hsien LIN</td><td>03/08/2011</td></tr> <tr><td>Kun-Ming CHEN</td><td>03/09/2011</td></tr> <tr><td>Dung-Yian HSIEH</td><td>04/17/2011</td></tr> <tr><td>Hui-Ru LIN</td><td>05/02/2011</td></tr> <tr><td>Jo-Fei WANG</td><td>03/09/2011</td></tr> <tr><td>Jong-I MOU</td><td>03/09/2011</td></tr> <tr><td>I-Ching CHU</td><td>03/08/2011</td></tr> </tbody> </table>		Name	Execution Date	Sunny WU	03/08/2011	Chun-Hsien LIN	03/08/2011	Kun-Ming CHEN	03/09/2011	Dung-Yian HSIEH	04/17/2011	Hui-Ru LIN	05/02/2011	Jo-Fei WANG	03/09/2011	Jong-I MOU	03/09/2011	I-Ching CHU	03/08/2011
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CORRESPONDENCE DATA																			
<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: 215-979-1250</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>																			

CH \$40.00 13048282

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PATENT
REEL: 026323 FRAME: 0219

ATTORNEY DOCKET NUMBER:	N1085-00751
NAME OF SUBMITTER:	Steven E. Koffs
<p>Total Attachments: 8</p> <p>source=executedassign#page1.tif</p> <p>source=executedassign#page2.tif</p> <p>source=executedassign#page3.tif</p> <p>source=executedassign#page4.tif</p> <p>source=executedassign#page5.tif</p> <p>source=executedassign#page6.tif</p> <p>source=executedassign#page7.tif</p> <p>source=executedassign#page8.tif</p>	

ATTORNEY DOCKET NO.: 2010.1169/1085.751

ASSIGNMENT AND AGREEMENT

For value received, we, Sunny WU, Chun-Hsien LIN, Kun-Ming CHEN, Dung-Yian HSIEH, Hui-Ru LIN, Jo Fei WANG, Jong-I MOU and I-Ching CHU, 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 **DEVICE PERFORMANCE PARAMETER TUNING METHOD AND SYSTEM** 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.

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ATTORNEY DOCKET NO.: 2010.1169/1085.751

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.

No. 1

Dated: 3/8-2011

Sunny Wu
Sunny WU

Residence:

No. 19, Lane 219, Yuanshan Road, Zhudong Town, Hsinchu County 310, Taiwan, R.O.C.

Inventor No. 2

Dated: 3/8 2011

Chun Hsien Lin
Chun-Hsien LIN

Residence:

No. 20, Section 1 Guang Fu Road, Hsinchu, Taiwan, R.O.C.

Inventor No. 3

Dated: 3/9'2011

Kun-Ming Chen
Kun-Ming CHEN

Residence:

2F., No. 8, Lane 185, Xinzhuang Street, East District, Hsinchu City 300, Taiwan, R.O.C.

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Inventor No. 4

Dated: _____

Dung-Yian HSIEH

Residence:

26F.-3, No. 8, Beida Road, East District, Hsinchu City 300, Taiwan, R.O.C.

Inventor No. 5

Dated: 5/2 2011

Hui-Ru LIN
Hui-Ru LIN

Residence:

No. 7, Lane 596, Puzi Street, Fengyuan City, Taichung County 420, Taiwan, R.O.C.

Inventor No. 6

Dated: 7/9 2011

Jo-Fei WANG
Jo-Fei WANG

Residence:

No. 7, Alley 9, Lane 544, Kung-Fu Road, Section 1, Hsinchu City 300, Taiwan, R.O.C.

Inventor No. 7

Dated: 3/9/2011

Jong-I MOU
Jong-I MOU

Residence:

No.11, Daxiang Road, Hsinpu Township, Hsinchu County 30542, Taiwan, R.O.C.

ATTORNEY DOCKET NO.: 2010.1169/1085.751

Inventor No. 8

Dated: 2/8/2011

I-Ching Chu
I-Ching CHU

Residence:

137 Tungmei Road, Hsinchu, Taiwan, R.O.C.

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ATTORNEY DOCKET NO.: 2010.1169/1085.751

Inventor No. 4

Dated: 2011.04.17

Dung-Yian Hsieh
Dung-Yian HSIEH

Residence:

26F.-3, No. 8, Beida Road, East District, Hsinchu City 300, Taiwan, R.O.C.

Inventor No. 5

Dated: _____

Hui-Ru LIN

Residence:

No. 7, Lane 596, Puzi Street, Fengyuan City, Taichung County 420, Taiwan, R.O.C.

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