

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Fang-Shi Jordan LAI	07/13/2011
Chih-Cheng LU	07/13/2011
Yung-Fu LIN	07/13/2011
Hsu-Feng HSUEH	07/13/2011
Chin-Hao CHANG	07/13/2011
Cheng-Yen WENG	07/13/2011
Manoj M. MHALA	07/13/2011
RECEIVING PARTY DATA	
Name:	Taiwan Semiconductor Manufacturing Co., Ltd.
Street Address:	No. 8, Li-Hsin Road 6
Internal Address:	Science-Based Industrial Park
City:	Hsin-Chu
State/Country:	TAIWAN
Postal Code:	300-77
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13183521
CORRESPONDENCE DATA	
Fax Number:	(215)689-4905
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	215-979-1000
Email:	jsjulianti@duanemorris.com
Correspondent Name:	DUANE MORRIS LLP (TSMC) IP DEPARTMENT
Address Line 1:	30 SOUTH 17TH STREET
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103-4196
ATTORNEY DOCKET NUMBER:	N1085-00787

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PATENT
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NAME OF SUBMITTER:

Stephan P. Gribok

Total Attachments: 3

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Serial No. 13/183,521

filed July 15, 2011

ATTORNEY DOCKET NO.: 2011.0417/1085.787

ASSIGNMENT AND AGREEMENT

For value received, we, **Fang-Shi Jordan LAI, Chih-Cheng LU, Yung-Fu LIN, Hsu-Feng HSUEH, Chin-Hao CHANG, Cheng Yen Weng and Manoj M. MHALA**, 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 **APPARATUS AND METHOD FOR MEASURING DEGRADATION OF CMOS VLSI ELEMENTS** 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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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: 7/13/11




Fang-Shi Jordan LAI

Residence:

159 Min Lo Street, Chia Yi, Taiwan, R.O.C.

Inventor No. 2

Dated: 7/13/11



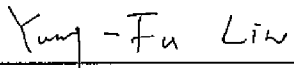
Chih-Cheng LU

Residence:

No. 5, Lane 90, Section 1, Fuqian Road, West Central District, Tainan City 700, Taiwan, R.O.C.

Inventor No. 3

Dated: 7/13/11



Yung-Fu LIN

Residence:

10F., No. 73, Section 1, Guangfu Road, East District, Hsinchu City 300, Taiwan, R.O.C.

ATTORNEY DOCKET NO.: 2011.0417/1085.787

Inventor No. 4

Dated: 7/13/11

Hsu-Feng Hsueh

Hsu-Feng HSUEH

Residence:

No. 16, Lane 117, Section 4, Hewei Road, North District, Tainan City 704, Taiwan, R.O.C.

Inventor No. 5

Dated: 2011/7/13

Chin Hao Chang

Chin-Hao CHANG

Residence:

9F.-2, No. 31, Jianzhong 1st Road, East District, Hsinchu City 300, Taiwan, R.O.C.

Inventor No. 6

Dated: 2011/7/13

Cheng Yen Weng

Cheng-Yen WENG

Residence:

1F., No. 31, Alley 25, Lane 393, Minghu Road, East District, Hsinchu City 300, Taiwan, R.O.C.

Inventor No. 7

Dated: 2011/07/13

Manoj M. MHALA

Manoj M. MHALA

Residence:

No. 8, 5TH Floor, Lane 71, Guang Fu Road, Hsinchu, Taiwan, R.O.C.