

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
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CORRESPONDENCE DATA															
<p>Fax Number: (214)200-0853</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 214-651-5000</p> <p>Email: ipdocketing@haynesboone.com</p> <p>Correspondent Name: Haynes and Boone LLP</p> <p>Address Line 1: 2323 Victory Avenue</p> <p>Address Line 2: Suite 700</p> <p>Address Line 4: Dallas, TEXAS 75219</p>															
ATTORNEY DOCKET NUMBER:	2010-1274/24061.1706														

OP \$40.00 13086935

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PATENT
REEL: 026511 FRAME: 0801

NAME OF SUBMITTER:

David M. O'Dell

Total Attachments: 3

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ASSIGNMENT

WHEREAS, we,

- | | | | |
|-----|----------------|----|---|
| (1) | Chih-Jen Yu | of | 2F, No. 59, Jinshan 28th Street, East District
Hsinchu City 300, Taiwan, R.O.C. |
| (2) | Chun-Hung Lin | of | 5F, No. 112, Zhongpu 2nd Street
Taoyuan City, Taoyuan County 330 Taiwan, R.O.C. |
| (3) | Juin-Hung Lin | of | No. 41, Alley 287, Lane 640, Zhongshan Road, North District
Hsinchu City 300, Taiwan, R.O.C. |
| (4) | Hsueh-Yi Chung | of | No. 1, Alley 3, Lane 11, Zhonghua Road
Zhubei City, Hsinchu County 30269, Taiwan, R.O.C. |
| (5) | Li-Kong Turn | of | #294-6, Sec. 3, Wen-Shin Road
Taichung, Taiwan, R.O.C. |
| (6) | Keh-Wen Chang | of | No. 48, Fonghu Village
Zaoctiao Township, Miaoli County 361, Taiwan, R.O.C. |

have invented certain improvements in

METHOD AND SYSTEM FOR FEED-FORWARD ADVANCED PROCESS CONTROL

for which we have executed an application for Letters Patent of the United States of America,

 X of even date filed herewith; and
 xx filed on April 14, 2011 and assigned application number 13/086,935; and

WHEREAS, we authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

WHEREAS, Taiwan Semiconductor Manufacturing Company, Ltd., ("TSMC"), No. 8, Li-Hsin Rd. 6, Science-Based Industrial Park Hsin-Chu, Taiwan 300-77, Republic of China. is desirous of obtaining the entire right, title, and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said TSMC, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect

past damages; and we hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said TSMC, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said TSMC, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said TSMC, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

Inventor Name: Chih-Jen Yu

Residence Address: 2F, No. 59, Jinshan 28th Street, East District
Hsinchu City 300 Taiwan, R.O.C.

Dated: 2011 / 5 / 9

Chih-Jen Yu
Inventor Signature

Inventor Name: Chun-Hung Lin

Residence Address: 5F, No. 112, Zhongpu 2nd Street
Taoyuan City, Taoyuan County 330 Taiwan, R.O.C.

Dated: 2011 / 5 / 9
C. H. Lin

C. H. Lin
Inventor Signature

Inventor Name: Juin-Hung Lin

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Hsinchu City 300, Taiwan, R.O.C.

Dated: 2011 / 5 / 11

J. H. Lin
Inventor Signature

Inventor Name: Hsueh-Yi Chung

Residence Address: No. 1, Alley 3, Lane 11, Zhonghua Road
Zhubei City, Hsinchu County 30269, Taiwan, R.O.C.

Dated: 2011/5/9

Hsueh-Yi Chung
Inventor Signature

Inventor Name: Li-Kong Turn

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Dated: 05/09 2011

Lik T
Inventor Signature

Inventor Name: Keh-Wen Chang

Residence Address: No. 48, Fonghu Village
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Dated: 2011/5/9

KW Chang
Inventor Signature