

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>Ming-Feng Shieh</td><td>01/14/2009</td></tr> <tr><td>Shinn-Sheng Yu</td><td>01/14/2009</td></tr> <tr><td>Anthony Yen</td><td>01/14/2009</td></tr> <tr><td>Shao-Ming Yu</td><td>01/14/2009</td></tr> <tr><td>Chang-Yun Chang</td><td>01/14/2009</td></tr> <tr><td>Jeff J. Xu</td><td>01/14/2009</td></tr> <tr><td>Clement Hsingjen Wann</td><td>01/14/2009</td></tr> </tbody> </table>		Name	Execution Date	Ming-Feng Shieh	01/14/2009	Shinn-Sheng Yu	01/14/2009	Anthony Yen	01/14/2009	Shao-Ming Yu	01/14/2009	Chang-Yun Chang	01/14/2009	Jeff J. Xu	01/14/2009	Clement Hsingjen Wann	01/14/2009
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CORRESPONDENCE DATA																	
<p>Fax Number: (214)200-0853</p> <p>Phone: 512-867-8528</p> <p>Email: Kim.Reyes@haynesboone.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Haynes and Boone, LLP</p> <p>Address Line 1: IP Section, 2323 Victory Avenue</p> <p>Address Line 2: Suite 700</p> <p>Address Line 4: Dallas, TEXAS 75219</p>																	

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PATENT
REEL: 026993 FRAME: 0217

ATTORNEY DOCKET NUMBER:	2008-0514-CA2/24061.1988
NAME OF SUBMITTER:	Kelly Gehrke Lyle
Total Attachments: 4 source=240611988Assignment#page1.tif source=240611988Assignment#page2.tif source=240611988Assignment#page3.tif source=240611988Assignment#page4.tif	

ASSIGNMENT

WHEREAS, we,

- | | | | |
|-----|-----------------------|----|---|
| (1) | Ming-Feng Shieh | of | No. 68, Lane 186, Shenglong Street
Yongkang City, Tainan County 710, Taiwan, R.O.C. |
| (2) | Shinn-Sheng Yu | of | 4F-2, No. 16, Lane 634, Nanda Road
Hsinchu, Taiwan, R.O.C. |
| (3) | Anthony Yen | of | 17F, 296-5 Guangming 6th Rd., E. Sec. 1
Jhubei City, Hsinchu County 302, Taiwan, R.O.C. |
| (4) | Shao-Ming Yu | of | No. 166, Aikou 6th Street
Zhubei City, Hsinchu County 302, Taiwan, R.O.C. |
| (5) | Chang-Yun Chang | of | No. 5, 4F, Lane 71, Siamen Street
Taipei, Taiwan, R.O.C. |
| (6) | Jeff J. Xu | of | No. 296-5, 14F, Guangming 6th Rd., E. Sec. 1
Jhubei City, Hsinchu County, Taiwan, R.O.C. |
| (7) | Clement Hsingjen Wann | of | 1179 Barrett Circle, West
Carmel, New York 10512, USA |

have invented certain improvements in

INTEGRATED CIRCUIT LAYOUT DESIGN

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

_____ of even date filed herewith; and
 _____ filed on _____ and assigned application no. _____ 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 One Dollar (\$1.00) and other 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: Ming-Feng Shieh

Residence Address: No. 68, Lane 186, Shenglong Street
Yongkang City, Tainan County 710, Taiwan, R.O.C.

Dated: 01/14/2009

Ming Feng Shieh
Inventor Signature

Inventor Name: Shinn-Sheng Yu

Residence Address: 4F-2, No. 16, Lane 634, Nanda Road
Hsinchu, Taiwan, R.O.C.

Dated: 01/14/2009

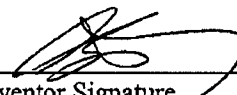
Shinn-Sheng Yu
Inventor Signature

Docket No.: 2008-0514 / 24061.1122
Customer No.: 42717

Inventor Name: Anthony Yen

Residence Address: 17F, 296-5 Guangming 6th Rd., E, Sec. 1
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Dated: 1/14/09


Inventor Signature

Inventor Name: Shao-Ming Yu

Residence Address: No. 166, Aikou 6th Street
Zhubei City, Hsinchu County 302, Taiwan, R.O.C.

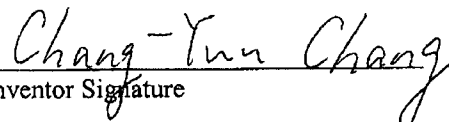
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Inventor Name: Chang-Yun Chang

Residence Address: No. 5, 4F, Lane 71, Siamen Street
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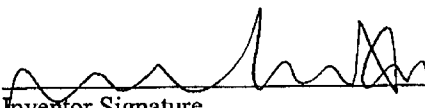
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Inventor Name: Jeff J. Xu

Residence Address: No. 296-5, 14F, Guangming 6th Rd., E. Sec. 1
Jhubei City, Hsinchu County, Taiwan, R.O.C.

Dated: 01/14/2009


Inventor Signature

Docket No.: 2008-0514 / 24061.1122
Customer No.: 42717

Inventor Name: Clement Hsingjen Wann
Residence Address: 1179 Barrett Circle, West
Carmel, New York 10512, USA

Dated: 1/14/2009

Clement Wann
Inventor Signature
