

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Li-Jui CHEN	06/09/2006
Tzung-Chi FU	06/09/2006
Ching-Yu CHANG	06/09/2006
Fu-Jye LIANG	06/09/2006
Lin-Hung SHIU	06/09/2006
Chun-Kuang CHEN	06/09/2006
Tsai-Sheng GAU	06/09/2006

RECEIVING PARTY DATA

Name:	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY, 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:	11427434

CORRESPONDENCE DATA

Fax Number: (214)200-0853
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 214-651-5000
 Email: bonnie.boyle@haynesboone.com
 Correspondent Name: Haynes and Boone, LLP
 Address Line 1: 901 Main Street, Suite 3100
 Address Line 4: Dallas, TEXAS 75202

CH \$40.00 11427434

ATTORNEY DOCKET NUMBER:

24061.782

NAME OF SUBMITTER:

David M. O'Dell

Total Attachments: 4

source=782Assignment#page1.tif

source=782Assignment#page2.tif

source=782Assignment#page3.tif

source=782Assignment#page4.tif

ASSIGNMENT

WHEREAS, we,

- (1) Li-Jui CHEN of No. 8, Li-Hsin Road 6
Hsin-Chu 300, Taiwan, R.O.C.
- (2) Tzung-Chi FU of 118-48, Wen-san, Wen-san Li
Maioli City, Maioli County, Taiwan, R.O.C.
- (3) Ching-Yu CHANG of No. 17, Hsinchen Road, Yuansun Village
Yilang County 264, Taiwan, R.O.C.
- (4) Fu-Jye LIANG of No. 16, Houcuo Road, Xiaogang District
Kaohsiung City 812, Taiwan, R.O.C.
- (5) Lin-Hung SHIU of No. 19, Alley 30, Lane 268, Sec. 1, Guangfu Road
Hsinchu City 300, Taiwan, R.O.C.
- (6) Chun-Kuang CHEN of No. 122, Yu-Hsien Street, Guan-Shi Jeng
Hsin-Chu Hsien, Taiwan, R.O.C.
- (7) Tsai-Sheng GAU of No. 35, Lane 4, An-Kang Street
Hsinchu City, Taiwan, R.O.C.

have invented certain improvements in

A HOOD FOR IMMERSION LITHOGRAPHY

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

_____ of even date filed herewith; and
 X filed on June 29, 2006 and assigned application number 11/427,434; 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: Li-Jui CHEN

Residence Address: 18F-1, No. 6, Lane 175, Wu-Ling Rd., Hsinchu City, Taiwan R.O.C.

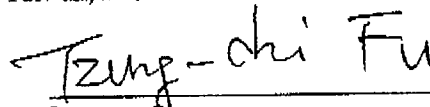
Dated: 6/9/2006


Inventor Signature

Inventor Name: Tzung-Chi FU

Residence Address: 118-48, Wen-san, Wen-san Li
Maioli City, Maioli County, Taiwan, R.O.C.

Dated: 6/9/2006


Inventor Signature

Inventor Name: Ching-Yu CHANG

Residence Address: No. 17, Hsinchen Road, Yuansun Village
Yilang County 264, Taiwan, R.O.C.

Dated: June 9, 2006

Ching-Yu Chang
Inventor Signature

Inventor Name: Fu-Jye LIANG

Residence Address: No. 16, Houcuo Road, Xiaogang District
Kaohsiung City 812, Taiwan, R.O.C.

Dated: June 9, 2006

Fu-Jye Liang
Inventor Signature

Inventor Name: Lin-Hung SHIU

Residence Address: No. 19, Alley 30, Lane 268, Sec. 1, Guangfu Road
Hsinchu City 300, Taiwan, R.O.C.

Dated: 6/9/2006

Lin-Hung Shiu
Inventor Signature

Inventor Name: Chun-Kuang CHEN

Residence Address: No. 122, Yu-Hsien Street, Guan-Shi Jeng
Hsin-Chu Hsien, Taiwan, R.O.C.

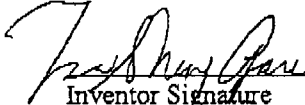
Dated: 2006/6/9

Chun-Kuang Chen
Inventor Signature

Inventor Name: Tsai-Sheng GAU

Residence Address: No. 35, Lane 4, An-Kang Street
Hsinchu City, Taiwan, R.O.C.

Dated: 6/9, 2006


Inventor Signature