

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ru-Yi SU	11/10/2010
Fu-Chih YANG	11/10/2010
Chun Lin TSAI	11/10/2010
Chih-Chang CHENG	11/10/2010
Ruey-Hsin LIU	11/10/2010
RECEIVING PARTY DATA	
Name:	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY, LTD.
Street Address:	No. 8, Li-Hsin Rd. 6, Science Based Industrial Park
City:	Hsin-Chu
State/Country:	TAIWAN
Postal Code:	300-77
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12944959
CORRESPONDENCE DATA	
Fax Number:	(214)200-0853
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	972-739-8635
Email:	saadia.cooks@haynesboone.com
Correspondent Name:	David M. O'Dell
Address Line 1:	HAYNES AND BOONE, LLP.
Address Line 2:	2323 Victory Avenue, Suite 700
Address Line 4:	Dallas, TEXAS 75219
ATTORNEY DOCKET NUMBER:	24061.1639
NAME OF SUBMITTER:	David M. O'Dell

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Total Attachments: 3

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ASSIGNMENT

WHEREAS, we,

- (1) Ru-Yi Su of No. 53, Wenming Road
Kouhu Township, Yunlin County 653, Taiwan, R.O.C.
- (2) Fu-Chih Yang of No. 7, Lane 90, Yonghe Street
Fengshan City, Kaohsiung County 830, Taiwan, R.O.C.
- (3) Chun Lin Tsai of No. 30, Alley 28, Lane 251, Tung-Chung Road
Hsin-Chu, Taiwan, R.O.C.
- (4) Chih-Chang Cheng of 3F, No. 113, Lane 19, Guanxin Road, East District
Hsinchu City 300, Taiwan, R.O.C.
- (5) Ruey-Hsin Liu of 5F-3, No. 56, University Road
Hsin-Chu, Taiwan, R.O.C.

have invented certain improvements in

SOURCE TIP OPTIMIZATION FOR HIGH VOLTAGE TRANSISTOR DEVICES

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

_____ of even date filed herewith; and
* filed on 11/12/2010 and assigned application number 12/944,959; 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: Ru-Yi Su

Residence Address: No. 53, Wenming Road
Kouhu Township, Yunlin County 653, Taiwan, R.O.C.

Dated: ✓ 4/10, 2010

✓ Ru-Yi Su
Inventor Signature

Inventor Name: Fu-Chih Yang

Residence Address: No. 7, Lane 90, Yonghe Street
Fengshan City, Kaohsiung County 830, Taiwan, R.O.C.

Dated: ✓ 11/10, 2010

✓ Fu-Chih Yang
Inventor Signature

Inventor Name: Chun Lin Tsai

Residence Address: No. 30, Alley 28, Lane 251, Tung-Chung Road
Hsin-Chu, Taiwan, R.O.C.

Dated: ✓ 11/10, 2010

✓ Chun Lin Tsai
Inventor Signature

Inventor Name: Chih-Chang Cheng

Residence Address: 3F, No. 113, Lane 19, Guanxin Road, East District
Hsinchu City 300, Taiwan, R.O.C.

✓ Dated: Chih-Chang Cheng
(11/10, 2010)

✓ Chih-Chang Cheng
11/10, 2010
Inventor Signature

Inventor Name: Ruey-Hsin Liu

Residence Address: 5F-3, No. 56, University Road
Hsin-Chu, Taiwan, R.O.C.

✓ Dated: 11/10, 2010

✓ Ruey-Hsin Liu
Inventor Signature
