## 502284821 03/25/2013

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Chyi-Tsong Ni	01/09/2013
I-Shi Wang	01/09/2013
Yi Hsun Chiu	01/09/2013
Ching-Hou Su	01/09/2013

## RECEIVING PARTY DATA

Name:	Taiwan Semiconductor Manufacturing Company, Ltd.
Street Address:	No. 8, Li-Hsin Rd. 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:	13741829

### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2012-0815 / 24061.2368	
NAME OF SUBMITTER:	Kyle Howard	

Total Attachments: 3

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OF \$40.00 13/41829

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Docket No.: 2012-0815 / 24061.2368

Customer No.: 000042717

### ASSIGNMENT

WHEREAS,	we.
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(1)	Chyi-Tsong Ni	of	No. 10 Alley 39 Lane 486, Min_Hu Road Hsin-Chu, Taiwan R.O.C.
(2)	I-Shi Wang	of	11F2, No. 152, Guoqing Road Sanxia Township, Taipei County 237 Taiwan R.O.C.
(3)	Yi Hsun Chiu	of	4F., No. 148, Wencai Street Zhubei City, Hsinchu County 302 Taiwan R.O.C.
(4)	Ching-Hou Su	of	7FI, No. 425-5, Sec. 2, Gongdao 5th Road East District Hsinchu City 300, Taiwan R.O.C.

have invented certain improvements in

# SEMICONDUCTOR STRUCTURES HAVING A MICRO-BATTERY. AND METHODS FOR MAKING THE SAME

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

X of even date filed herewith; and filed on 01-15-2013 and assigned application number 13/741,829; 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

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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:	Chyi-Tsong Ni	
Residence Address:	No. 10 Alley 39 Lane 486, Min Hsin-Chu, Taiwan R.O.C.	
Dated: ≥0(3, 1,	0.9	Chyi-Tsong Chi Inventor Signature
Inventor Name:	I-Shi Wang	
Residence Address:	11F2, No. 152, Guoqing Road Sanxia Township, Taipei Count	
Dated: 20(ラ) 1,	9	I - Shi Wang Inventor Signature
Inventor Name:	Yi Hsun Chiu	
Residence Address:	4F., No. 148, Wencai Street Zhubei City, Hsinchu County 30	02, Taiwan R.O.C.
Dated:/3.>/.	. 9	Inventor Signature

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Inventor Name:

Ching-Hou Su

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