Form PTO-1595 (Rev. 12-08) OMB No. 0651-0027 (exp. 01/31/2009) U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

RECORDATION FORM COVER SHEET  PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below  1. Name of conveying party(ies)  Michael Todd Wyant Patricia Sabran Conde  Vikas Gupta Rajiv Dunne Emerson Mamarin Enipin Additional name(s) of conveying party(ies) attached? Yes No  3. Nature of conveyance/Execution Date(s):  Execution Date(s)3/12/12;3/28/12;3/12/12;2/24/12;3/25/12  X Assignment Merger  Security Agreement Change of Name  Joint Research Agreement  Government Interest Assignment  Government Interest Assignment		
Executive Order 9424, Confirmatory License Other	Country: <u>us</u> Zip: <u>75243</u>	
	Additional name(s) & address(es) attached? Yes No document is being filed together with a new application.  B. Patent No.(s)  ached? Yes No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Texas Instruments Incorporated Internal Address: MS 3999	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00	
Street Address: P.O. Box 655474	Enclosed  None required (government interest not affecting title)	
City: Dallas	8. Payment Information	
State: Texas Zip: 75265		
Phone Number: (214) 479-1247	Deposit Account Number 200668	
Fax Number: (214) 479-1280 Email Address:	Authorized User Name_wade J. Brady	
9. Signature:		
	April 16, 2012 Date	
William P. O'Meara, Esq. Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mall Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

REEL: 028071 FRAME: 0949

Attorney Docket No. TI-71076

### **ASSIGNMENT**

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made.

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 12500 TI Boulevard, MS 3999, Dallas, Texas 75243, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged. I hereby sell and assign unto the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in and to the said application(s) and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Patent and Trademark Office to issue all patents for said invention, or patents resulting therefrom, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris Convention for the Protection of Industrial Property, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I authorize the later insertion of the nonprovisional application number and filing date hereinbelow.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE	STACK	ED SEMICONDUCTOR PA	CKAGE
NONPROVISIONAL APPLICATION NO.	13/431,758	FILING DATE	March 27, 2012

SIGNATURE OF INVENTOR	x monson
PRINTED NAME OF INVENTOR	Michael Todd Wyant
DATE	X 3/12/12
RESIDENCE (CITY AND STATE)	Dallas, Texas

Attorney Docket No. TI-71076

	1930
SIGNATURE OF INVENTOR	X
PRINTED NAME OF INVENTOR	Patricia Sabran Conde
DATE	X
RESIDENCE (CITY AND STATE)	Pasig City, Philippines
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Vikas Gupta
DATE	X
RESIDENCE (CITY AND STATE)	Dallas, Texas
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Rajiv Dunne
DATE	
RESIDENCE (CITY AND STATE)	Murphy, Texas
**************************************	

Application No. 13/431,758

Attorney Docket No. TI-71076

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Emerson Mamarin Enipin
DATE	
RESIDENCE (CITY AND STATE)	Angeles City, Philippines
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	
DATE	
RESIDENCE (CITY AND STATE)	7-14-0
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	
DATE	THE THE PARTY OF T
RESIDENCE (CITY AND STATE)	
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After recording, return Assignment to:

Jonathon Scott Texas Instruments Incorporated PO Box 655474, M/S 3999 Dallas, TX 75265

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Application No. 13/431,758

Attorney Docket No. TI-71076

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NONPROVISIONAL APPLICATION NO.	13/431,758	FILING DATE	March 27, 2012
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SIGNATURE OF INVENTOR	X	A
PRINTED NAME OF INVENTOR	Michael Todd Wyant	
DATE	X	
RESIDENCE (CITY AND STATE)	Dallas, Texas	
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Page 2

Attorney Docket No. TI-71076

	In a supposition for
SIGNATURE OF INVENTOR	Groode
PRINTED NAME OF INVENTOR	Patricia Sabran Conde
DATE	X3/28/2012
RESIDENCE (CITY AND STATE)	Pasig City, Philippines
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Vikas Gupta
DATE	X
RESIDENCE (CITY AND STATE)	Dallas, Texas
SIGNATURE OF INVENTOR	X
PRINTED NAME OF INVENTOR	Rajiv Dunne
DATE	
RESIDENCE (CITY AND STATE)	Murphy, Texas

Application No. 13/431,758

Attorney Docket No. TI-71076

SIGNATURE OF INVENTOR	X
PRINTED NAME OF INVENTOR	Emerson Mamarin Enipin
DATE	
RESIDENCE (CITY AND STATE)	Angeles City, Philippines
SIGNATURE OF INVENTOR	The state of the s
PRINTED NAME OF INVENTOR	TO THE PROPERTY OF THE PROPERT
DATE	A MARIA CONTRACTOR OF THE PROPERTY OF THE PROP
RESIDENCE (CITY AND STATE)	
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	
DATE	
RESIDENCE (CITY AND STATE)	
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Jonathon Scott Texas Instruments Incorporated PO Box 655474, M/S 3999 Dallas, TX 75265

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SIGNATURE OF INVENTOR	X
PRINTED NAME OF INVENTOR	Michael Todd Wyant
DATE	X
RESIDENCE (CITY AND STATE)	Dallas, Texas

Application No. 13/431,758

Attorney Docket No. TI-71076

SIGNATURE OF INVENTOR	X
PRINTED NAME OF INVENTOR	Patricia Sabran Conde
DATE	
RESIDENCE (CITY AND STATE)	Pasig City, Philippines
SIGNATURE OF INVENTOR	X Jan.
PRINTED NAME OF INVENTOR	Vikas Gupta
DATE	X Mar 12, 2012
RESIDENCE (CITY AND STATE)	Dallas, Texas
SIGNATURE OF INVENTOR	X
PRINTED NAME OF INVENTOR	Rajiv Dunne
DATE	X
RESIDENCE (CITY AND STATE)	Murphy, Texas

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Attorney Docket No. TI-71076

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SIGNATURE OF INVENTOR	X
PRINTED NAME OF INVENTOR	Emerson Mamarin Enipin
DATE	X
RESIDENCE (CITY AND STATE)	Angeles City, Philippines
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	
DATE	
RESIDENCE (CITY AND STATE)	
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	
DATE	
RESIDENCE (CITY AND STATE)	

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SIGNATURE OF INVENTOR	X 100 TO
PRINTED NAME OF INVENTOR	Michael Todd Wyant
DATE	X
RESIDENCE (CITY AND STATE)	Dallas, Texas

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TOTAL WALL IN A SHOWING CO.	April
SIGNATURE OF INVENTOR	X
PRINTED NAME OF INVENTOR	Michael Todd Wyant
DATE	X
RESIDENCE (CITY AND STATE)	Dallas, Texas

PATENT .....

REEL: 028071 FRAME: 0960