

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Naveen Tipirneni</td><td>04/23/2013</td></tr><tr><td>Sameer Pendharkar</td><td>05/02/2013</td></tr><tr><td>Rick L. Wise</td><td>04/23/2013</td></tr></tbody></table>	Name	Execution Date	Naveen Tipirneni	04/23/2013	Sameer Pendharkar	05/02/2013	Rick L. Wise	04/23/2013	
Name	Execution Date								
Naveen Tipirneni	04/23/2013								
Sameer Pendharkar	05/02/2013								
Rick L. Wise	04/23/2013								
RECEIVING PARTY DATA									
Name:	Texas Instruments Incorporated								
Street Address:	12500 TI Boulevard, M/S 3999								
City:	Dallas								
State/Country:	TEXAS								
Postal Code:	75243								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13886652</td></tr></tbody></table>	Property Type	Number	Application Number:	13886652					
Property Type	Number								
Application Number:	13886652								
CORRESPONDENCE DATA									
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	TI-71492								
NAME OF SUBMITTER:	Donna F. Williams								
Signature:	/Donna F. Williams/								
Date:	05/03/2013								
Total Attachments: 2 source=TI-71492_Assignment_signed#page1.tif source=TI-71492_Assignment_signed#page2.tif									

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PATENT  
REEL: 030346 FRAME: 0384

Application No.

Attorney Docket No. TI-71492

### 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, M/S 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, as well as to U.S. Provisional Application No(s). \_\_\_\_\_, filed \_\_\_\_\_;

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	LAYER TRANSFER OF SILICON ONTO III-NITRIDE MATERIAL FOR HETEROGENOUS INTEGRATION		
NONPROVISIONAL APPLICATION NO.		FILING DATE	

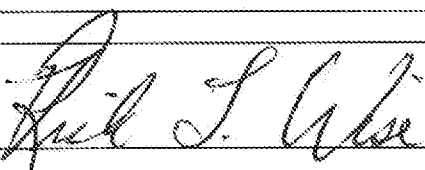
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Naveen TIPIRNENI
DATE	04/23/2013
RESIDENCE (CITY AND STATE)	Plano, TX

Application No.

Attorney Docket No. TI-71492

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Sameer PENDHARKAR
DATE	5/2/13
RESIDENCE (CITY AND STATE)	Allen, TX

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Rick L. WISE
DATE	APR 23, 2013
RESIDENCE (CITY AND STATE)	Fairview, TX

After recording, return Assignment to:

Donna Williams  
Texas Instruments Incorporated  
12500 TI Boulevard, M/S 3999  
Dallas, TX 75243