502164936 12/17/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mahalingam Nandakumar	10/17/2012
Deborah J. Riley	10/17/2012
Amitabh Jain	10/17/2012

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

Property Type	Number
Application Number:	13716424

CORRESPONDENCE DATA

Fax Number: 2144791273

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 214-479-1156 Email: uspto@ti.com

Correspondent Name: TEXAS INSTRUMENTS INCORPORATED

Address Line 1: 12500 TI Boulevard - M/S 3999
Address Line 4: DALLAS, TEXAS 75243

ATTORNEY DOCKET NUMBER:	TI-71717

NAME OF SUBMITTER: Donna F. Williams

Total Attachments: 6

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PATENT REEL: 029480 FRAME: 0059 1 \$40.00 13/16424

502164936

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed,	having invented certain	n
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	ZTCR POLY RESISTOR IN REPLACEMENT GATE FLOW	
NONPROVISIONAL APPLICATION NO.	FILING DATE	
SIGNATURE OF INVENTOR		
PRINTED NAME OF INVENTOR	Nandakumar Mahalingam	
DATE	10-17-12-	
RESIDENCE (CITY AND STATE)	Richardson, TX	

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Deborah J. Riley
DATE	
RESIDENCE (CITY AND STATE)	Murphy, TX
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Amitabh Jain
DATE	
RESIDENCE (CITY AND STATE)	Allen, TX

After recording, return Assignment to:

Marilyn Blake Texas Instruments Incorporated PO Box 655474, M/S 3999 Dallas, TX 75265

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 mad	

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 ______;

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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.

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SIGNATURE OF INVENTOR		
PRINTED NAME OF INVENTOR	Nandakumar Mahalingam	
DATE		
RESIDENCE (CITY AND STATE)	Richardson, TX	

Application No.

Attorney Docket No. TI-71717

SIGNATURE OF INVENTOR	Dekraly Alle
PRINTED NAME OF INVENTOR	Deborah J. Riley
DATE	10/17-/2012_
RESIDENCE (CITY AND STATE)	Murphy, TX
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Amitabh Jain
DATE	
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Application No.

Attorney Docket No. TI-71717

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PRINTED NAME OF INVENTOR	Deborah J. Riley
DATE	
RESIDENCE (CITY AND STATE)	Murphy, TX
SIGNATURE OF INVENTOR	Aritall Jain
PRINTED NAME OF INVENTOR	Amitabh Jain
DATE	10/17/2012
RESIDENCE (CITY AND STATE)	Allen, TX

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Dallas, TX 75265

PATENT REEL: 029480 FRAME: 0065

RECORDED: 12/17/2012