

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sudhir K. Madan	02/24/2010
David J. Toops	02/26/2010
Robert J. Landers	02/26/2010

RECEIVING PARTY DATA

Name:	Texas Instruments Incorporated
Street Address:	7839 Churchill Way, MS 3999
City:	Dallas
State/Country:	TEXAS
Postal Code:	75251

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12705595

CORRESPONDENCE DATA

Fax Number: (972)917-4418
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 972-917-4167
 Email: r-keagy@ti.com
 Correspondent Name: Texas Instruments Corporation
 Address Line 1: 7839 Churchill Way, MS 3999
 Address Line 4: Dallas, TEXAS 75251

ATTORNEY DOCKET NUMBER:	TI-67590
NAME OF SUBMITTER:	Michelle R. Mizerak

Total Attachments: 6
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**PATENT
 REEL: 024094 FRAME: 0638**

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Application No. 12/705,595

Attorney Docket No. TI-67590

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 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, 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). 61/152,554; filed 02/13/2009

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	High Reliability and Low Power Redundancy for Memory		
NONPROVISIONAL APPLICATION NO.	12/705,595	FILING DATE	02/13/2010

SIGNATURE OF INVENTOR	<i>Sudhir K Madan</i>
PRINTED NAME OF INVENTOR	Sudhir K. Madan
DATE	<i>02-24-2010</i>
RESIDENCE (CITY AND STATE)	Richardson, TX

Assignment From Inventor (US 9/1/09)

PATENT
REEL: 024094 FRAME: 0640

Application No. 12/705,595

Attorney Docket No. TI-67590

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	David J. Toops
DATE	
RESIDENCE (CITY AND STATE)	Terrell, TX

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Robert J. Landers
DATE	
RESIDENCE (CITY AND STATE)	Allen, TX

After recording, return Assignment to:

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

Assignment From Inventor (US 9/1/09)

PATENT
REEL: 024094 FRAME: 0641

Application No. 12/705,595

Attorney Docket No. TI-67590

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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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Application No. 12/705,595

Attorney Docket No. TI-67590

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PRINTED NAME OF INVENTOR	David J. Toops
DATE	2/26/2010
RESIDENCE (CITY AND STATE)	Terrell, TX

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Robert J. Landers
DATE	
RESIDENCE (CITY AND STATE)	Allen, TX

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Assignment From Inventor (US 9/1/09)

PATENT
REEL: 024094 FRAME: 0644

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PRINTED NAME OF INVENTOR	Robert J. Landers
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RECORDED: 03/17/2010**PATENT
 REEL: 024094 FRAME: 0645**