

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Michael Patrick Clinton	03/26/2010
Lakshmikantha V. Holla	03/29/2010
Vinod Menezes	03/29/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Texas Instruments Incorporated
<b>Street Address:</b>	7839 Churchill Way
<b>Internal Address:</b>	M/S 3999
<b>City:</b>	Dallas
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	75251
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12764399
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(972)664-9606
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	972-917-4371
<b>Email:</b>	uspto@ti.com
<b>Correspondent Name:</b>	TEXAS INSTRUMENTS INCORPORATED
<b>Address Line 1:</b>	P O BOX 655474, M/S 3999
<b>Address Line 4:</b>	DALLAS, TEXAS 75265
<b>ATTORNEY DOCKET NUMBER:</b>	TI-68665
<b>NAME OF SUBMITTER:</b>	Rodney M. Anderson

Total Attachments: 3  
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**501154229**

**PATENT  
 REEL: 024265 FRAME: 0756**

**CH \$40.00 12764399**

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**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.

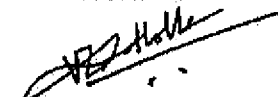
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, 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 foreign rights to the invention disclosed in said application, in all countries of the world, including the right to 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 patent 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.

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

TITLE OF INVENTION	COMBINED WRITE ASSIST AND RETAIN-TILL-ACCESSED MEMORY ARRAY BIAS
SIGNATURE OF INVENTOR AND NAME	Michael Patrick Clinton
DATE	
RESIDENCE (CITY AND STATE)	1410 Rio Grande Drive Allen, TX 75013

SIGNATURE OF INVENTOR AND NAME	 Lakshmi Kantha V. Holla
DATE	29-MARCH-2010
RESIDENCE (CITY AND STATE)	109, "Triveni", Ramakrishna Gardens, Devsandra Bangalore, Kamataka 560054 India

*MPC*

Attorney Docket No.  
TI-68685

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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.

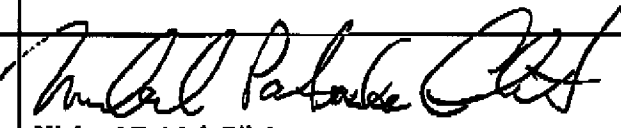
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, 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 foreign rights to the invention disclosed in said application, in all countries of the world, including the right to 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 patent rights.

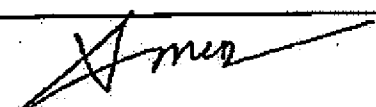
I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute 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.

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

TITLE OF INVENTION	COMBINED WRITE ASSIST AND RETAIN-TILL-ACCESSED MEMORY ARRAY BIAS
SIGNATURE OF INVENTOR AND NAME	 Michael Patrick Clinton
DATE	3/26/2010
RESIDENCE (CITY AND STATE)	1410 Rio Grande Drive Allen, TX 75013

SIGNATURE OF INVENTOR AND NAME	Lakshmi Kantha V. Holla
DATE	
RESIDENCE (CITY AND STATE)	109, "Triveni", Ramakrishna Gardens, Devsandra Bangalore, Karnataka 560054 India

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

TITLE OF INVENTION	<b>COMBINED WRITE ASSIST AND RETAIN-TILL-ACCESSED MEMORY ARRAY BIAS</b>
SIGNATURE OF INVENTOR AND NAME	 <b>Vinod Menezes</b>
DATE	<i>29-MARCH-2010</i>
RESIDENCE (CITY AND STATE)	<b>26 Lloyd Road, Cooke Town Bangalore, Karnataka 560054 India</b>

After recording, return Assignment to:

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