

## 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>Joseph R. M. Zbiciak</td> <td>04/04/2012</td> </tr> <tr> <td>Amitabh Menon</td> <td>04/05/2012</td> </tr> <tr> <td>Timothy D. Anderson</td> <td>04/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Joseph R. M. Zbiciak	04/04/2012	Amitabh Menon	04/05/2012	Timothy D. Anderson	04/04/2012
Name	Execution Date								
Joseph R. M. Zbiciak	04/04/2012								
Amitabh Menon	04/05/2012								
Timothy D. Anderson	04/04/2012								
RECEIVING PARTY DATA									
Name:	Texas Instruments Incorporated								
Street Address:	12500 TI Boulevard								
Internal Address:	MS 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>13239063</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13239063				
Property Type	Number								
Application Number:	13239063								
CORRESPONDENCE DATA									
Fax Number:	(214)479-1273								
Phone:	214-479-1205								
Email:	uspto@ti.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Texas Instruments Incorporated								
Address Line 1:	P O BOX 655474								
Address Line 2:	MS 3999								
Address Line 4:	Dallas, TEXAS 75265								
ATTORNEY DOCKET NUMBER:	TI-69870								
NAME OF SUBMITTER:	Michelle R. Mizerak								

CH \$40.00 13239063

**Total Attachments: 4**

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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, as well as to U.S. Provisional Application No(s). 61/384,932 filed September 21, 2010.

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.

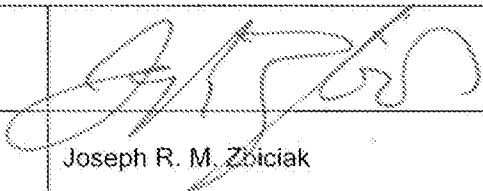
I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris 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.

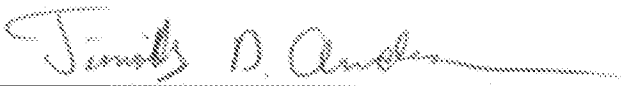
I authorize the later insertion of the nonprovisional application number and filing date hereinbelow.

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

TITLE	FLEXIBLE MEMORY PROTECTION AND ADDRESS TRANSLATION UNIT		
NONPROVISIONAL APPLICATION NO.	13/239,063	FILING DATE	September 21, 2011

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Joseph R. M. Zbiciak
DATE	4-4-12
RESIDENCE (CITY AND STATE)	Arlington, TX

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Amitabh Menon
DATE	
RESIDENCE (CITY AND STATE)	Lewisville, TX

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Timothy D. Anderson
DATE	4-4-2012
RESIDENCE (CITY AND STATE)	Dallas, TX

After recording, return Assignment to:

Texas Instruments Incorporated  
PO Box 655474, M/S 3999  
Dallas, TX 75264

## ASSIGNMENT

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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.

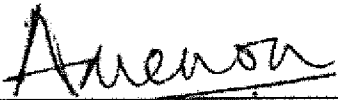
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DATE	
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SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Amitabh Menon
DATE	4-5-2012
RESIDENCE (CITY AND STATE)	Lewisville, TX

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Timothy D. Anderson
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