

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Douglas Edward Shelton</td> <td>12/30/2010</td> </tr> <tr> <td>John Howard MacPeak</td> <td>12/21/2010</td> </tr> <tr> <td>Eddie Earl Breashears</td> <td>01/05/2011</td> </tr> <tr> <td>Bruce Lynn Pickelsimer</td> <td>12/20/2010</td> </tr> </tbody> </table>		Name	Execution Date	Douglas Edward Shelton	12/30/2010	John Howard MacPeak	12/21/2010	Eddie Earl Breashears	01/05/2011	Bruce Lynn Pickelsimer	12/20/2010		
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Texas Instruments Incorporated</td> </tr> <tr> <td><b>Street Address:</b></td> <td>7839 Churchill Way</td> </tr> <tr> <td><b>Internal Address:</b></td> <td>MS 3999</td> </tr> <tr> <td><b>City:</b></td> <td>Dallas</td> </tr> <tr> <td><b>State/Country:</b></td> <td>TEXAS</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>75251</td> </tr> </table>		<b>Name:</b>	Texas Instruments Incorporated	<b>Street Address:</b>	7839 Churchill Way	<b>Internal Address:</b>	MS 3999	<b>City:</b>	Dallas	<b>State/Country:</b>	TEXAS	<b>Postal Code:</b>	75251
<b>Name:</b>	Texas Instruments Incorporated												
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<b>PROPERTY NUMBERS Total: 1</b>													
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<b>Application Number:</b>	12973250												
<b>CORRESPONDENCE DATA</b>													
<p><b>Fax Number:</b> (972)917-4418</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p><b>Phone:</b> 972-917-4365</p> <p><b>Email:</b> debi.dupree@ti.com</p> <p><b>Correspondent Name:</b> Texas Instruments Incorporated</p> <p><b>Address Line 1:</b> 7839 Churchill Way</p> <p><b>Address Line 2:</b> MS 3999</p> <p><b>Address Line 4:</b> Dallas, TEXAS 75251</p>													
<b>ATTORNEY DOCKET NUMBER:</b>	TI-67235												
<b>NAME OF SUBMITTER:</b>	Deborah DuPree												

CH \$40.00 12973250

501400283

**PATENT**  
**REEL: 025602 FRAME: 0292**

Total Attachments: 2

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**PATENT**

**REEL: 025602 FRAME: 0293**

**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). 12/973,250, filed 12/20/2010;

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.

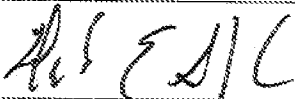
I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris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

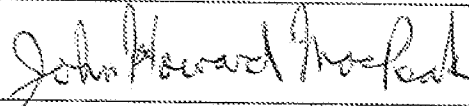
I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute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

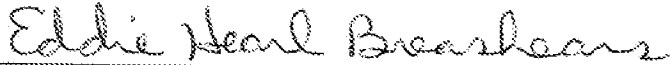
I authorize the later insertion of the nonprovisional application number and filing date hereinbelow.

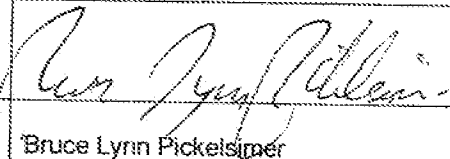
IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE	Adaptive Programming for Flash Memories		
NONPROVISIONAL APPLICATION NO.	12/973,250	FILING DATE	12/20/2010

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Douglas Edward Shelton
DATE	12/30/2010
RESIDENCE (CITY AND STATE)	Wylie, Texas

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	John Howard MacPeak
DATE	12/21/2010
RESIDENCE (CITY AND STATE)	Garland, Texas

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Eddie Hearl Breashears
DATE	1/5/2011
RESIDENCE (CITY AND STATE)	Lucas, Texas

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Bruce Lynn Pickelsinger
DATE	20 December 2010
RESIDENCE (CITY AND STATE)	McKinney, Texas

After recording, return Assignment to:

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