

PATENT ASSIGNMENT

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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>Srivaths Ravi</td> <td>01/31/2013</td> </tr> <tr> <td>Rajesh Kumar Tiwari</td> <td>01/31/2013</td> </tr> <tr> <td>Rubin Ajit Parekhji</td> <td>01/31/2013</td> </tr> </tbody> </table>		Name	Execution Date	Srivaths Ravi	01/31/2013	Rajesh Kumar Tiwari	01/31/2013	Rubin Ajit Parekhji	01/31/2013
Name	Execution Date								
Srivaths Ravi	01/31/2013								
Rajesh Kumar Tiwari	01/31/2013								
Rubin Ajit Parekhji	01/31/2013								
RECEIVING PARTY DATA									
Name:	Texas Instruments Incorporated								
Street Address:	P. O. BOX 655474								
Internal Address:	MS 3999								
City:	DALLAS								
State/Country:	TEXAS								
Postal Code:	75265								
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>12868253</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12868253				
Property Type	Number								
Application Number:	12868253								
CORRESPONDENCE DATA									
Fax Number:	2144791273								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	214-479-1156								
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ATTORNEY DOCKET NUMBER:	TI-68463								
NAME OF SUBMITTER:	Jackie McBride								
Total Attachments: 2 source=TI-68436_EXECUTED_ASSIGNMENT#page1.tif source=TI-68436_EXECUTED_ASSIGNMENT#page2.tif									

CH \$40.00 12868253

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 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). **61/236,753, filed August 25, 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 therefore, 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.

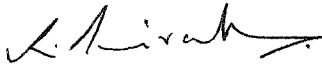
I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris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

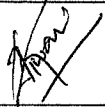
I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute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

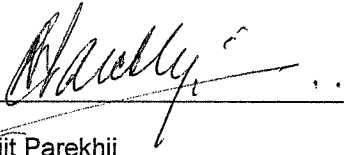
I authorize the later insertion of the nonprovisional application number and filing date hereinbelow.

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

TITLE	SCAN COMPRESSION ARCHITECTURE WITH BYPASSABLE SCAN CHAINS FOR LOW TEST MODE POWER		
NONPROVISIONAL APPLICATION NO.	12/868,253	FILING DATE	08/25/2010

SIGNATURE OF INVENTOR	XXX 
PRINTED NAME OF INVENTOR	Srivaths Ravi
DATE	XXX JAN 31, 2013
RESIDENCE (CITY AND STATE)	Bangalore, India

SIGNATURE OF INVENTOR	XXX 
PRINTED NAME OF INVENTOR	Rajesh Kumar Tiwari
DATE	XXX JAN 31, 2013
RESIDENCE (CITY AND STATE)	Bangalore, India

SIGNATURE OF INVENTOR	XXX 
PRINTED NAME OF INVENTOR	Rubin Ajit Parekhji
DATE	XXX JAN 31, 2013
RESIDENCE (CITY AND STATE)	Bangalore, India

After recording, return Assignment to:

Texas Instruments Incorporated
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 Dallas, TX 75265