

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3271223

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HETUL SANGHVI	03/17/2015
MIHIR NARENDRA MODY	03/17/2015
NIRAJ NANDAN	03/17/2015
MAHESH MADHUKAR MEHENDALE	03/17/2015
SUBRANGSHU DAS	03/17/2015
DIPAN KUMAR MANDAL	03/17/2015
PAVAN VENKATA SHASTRY	03/17/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TEXAS INSTRUMENTS INCORPORATED
<b>Street Address:</b>	13588 N. CENTRAL EXPRESSWAY, MS 3999
<b>City:</b>	DALLAS
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	75243
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14661711
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(214)567-2228
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	214-479-1243
<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-74910
<b>NAME OF SUBMITTER:</b>	SHANNON GRAGSONE
<b>SIGNATURE:</b>	/Shannon Gragsone/
<b>DATE SIGNED:</b>	03/18/2015

**Total Attachments: 6**

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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 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). filed India Provisional Appl. No. 1406/CHE/2014, filed March 18, 2014

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	A LOW POWER ULTRA-HD VIDEO HARDWARE ENGINE		
NONPROVISIONAL APPLICATION NO.	14/661,711	FILING DATE	March 18, 2015

SIGNATURE OF INVENTOR	<i>Hetul Sanghvi</i>
PRINTED NAME OF INVENTOR	Hetul SANGHVI
DATE	3/17/15
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka state, India

Application No. 14/661,711

Attorney Docket No. TI - 74910


SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	<b>Mihir Narendra MODY</b>
DATE	
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka state, India

SIGNATURE OF INVENTOR	<i>Niraj Nandan</i>
PRINTED NAME OF INVENTOR	<b>Niraj NANDAN</b>
DATE	03/17/15
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka state, India

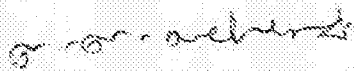
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	<b>Mahesh Madhukar MEHENDALE</b>
DATE	
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka state, India

Application No. 14/661,711

Attorney Docket No. TI - 74910

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	<b>Mihir Narendra MODY</b>
DATE	17 MAR 2015
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka state, India

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	<b>Niraj NANDAN</b>
DATE	
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka state, India

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	<b>Mahesh Madhukar MEHENDE</b>
DATE	17 March 2015
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka state, India

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	<b>Subrangshu DAS</b>
DATE	
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka state, India

SIGNATURE OF INVENTOR	<i>Dipan Kumar Mandal</i>
PRINTED NAME OF INVENTOR	<b>Dipan Kumar MANDAL</b>
DATE	<b>17 MAR 2015</b>
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka state, India

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	<b>Pavan Venkata SHASTRY</b>
DATE	
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka state, India

After recording, return Assignment to:

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

SIGNATURE OF INVENTOR	<i>Subrangshu Das</i>
PRINTED NAME OF INVENTOR	<b>Subrangshu DAS</b>
DATE	17 <sup>th</sup> March, 2015
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka state, India

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	<b>Dipan Kumar MANDAL</b>
DATE	
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka state, India

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	<b>Pavan Venkata SHASTRY</b>
DATE	
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka state, India

After recording, return Assignment to:

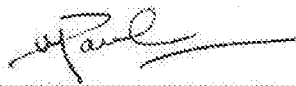
Texas Instruments Incorporated  
 PO Box 655474, M/S 3999  
 Dallas, TX 75265

Application No. 14/661,711

Attorney Docket No. TI - 74910

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Subrangshu DAS
DATE	
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka state, India

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Dipan Kumar MANDAL
DATE	
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka state, India

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Pavan Venkata SHASTRY
DATE	17 - MAR - 2015
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka state, India

After recording, return Assignment to:

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 PO Box 655474, M/S 3999  
 Dallas, TX 75265