PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4316519

PRIORIT	Assignment to correct the MISSING INDIA PROVISIONAL OF DATA previously recorded on Reel 041218 Frame 0060. By hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
JAWAHARLAL TANGUDU	03/03/2017
STHANUNATHAN RAMAKRISHNAN	03/03/2017
NAGARAJAN VISWANATHAN	03/03/2017
POOJA SUNDAR	03/04/2017

RECEIVING PARTY DATA

Name:	TEXAS INSTRUMENTS INCORPORATED
Street Address:	P. O. BOX 655474
Internal Address:	M/S 3999
City:	DALLAS
State/Country:	TEXAS
Postal Code:	75265

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15389236

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 214-479-1229 Email: uspto@ti.com

Correspondent Name: TEXAS INSTRUMENTS INCORPORATED

Address Line 1:12500 TI BOULEVARDAddress Line 4:DALLAS, TEXAS 75243

ATTORNEY DOCKET NUMBER:	TI-76972
NAME OF SUBMITTER:	DEBORAH DUPREE
SIGNATURE:	/Deborah DuPree/
DATE SIGNED:	03/13/2017

Total Attachments: 4

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504221323 02/09/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAWAHARLAL TANGUDU	12/20/2016
STHANUNATHAN RAMAKRISHNAN	01/05/2017
NAGARAJAN VISWANATHAN	12/22/2016
POOJA SUNDAR	02/08/2017

RECEIVING PARTY DATA

Name:	TEXAS INSTRUMENTS INCORPORATED
Street Address:	12500 TI BOULEVARD - M/S 3999
City:	DALLAS
State/Country:	TEXAS
Postal Code:	75243

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15389236

CORRESPONDENCE DATA

Fax Number: (214)567-2228

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.

Phone: 2144791241

Email: bkowalski@hfzlaw.com, uspto@ti.com **Correspondent Name:** TEXAS INSTRUMENTS INCORPORATED

12500 TI BOULEVARD - M/S 3999 Address Line 1:

Address Line 4: DALLAS, TEXAS 75243

ATTORNEY DOCKET NUMBER:	TI-76972
NAME OF SUBMITTER:	MARK C. ZIMMERMAN
SIGNATURE:	/Mark C. Zimmerman/
DATE SIGNED:	02/09/2017

Total Attachments: 4

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> **PATENT REEL: 041990 FRAME: 0003**

EPAS ID: PAT4268000

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, 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 India Provisional Application No. 201641015443 filed May 4, 2016.

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 Trademerk 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 paths, 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 filling date hereinbelow.

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

TITLE	METHODS AND APPARATUS CONVERTERS	TO REDUCE NON-LINEA	RITY IN ANALOG TO DIGITAL
NONPROVISIONAL APPLICATION NO.	15/389,236	FILING DATE	December 22, 2016
SIGNATURE OF INVENTOR	TJawahaslal		
PRINTED NAME OF INVENTOR	Jawahariai Tangudu		
DATE	03/03/2017		
RESIDENCE (CITY AND STATE)	Bangalore, India		

SIGNATURE OF INVENTOR	Rshamber.
PRINTED NAME OF INVENTOR	Sthanunathan Ramakrishnan
DATE	378 March 2017.
RESIDENCE (CITY AND STATE)	Bangalore, India
SIGNATURE OF INVENTOR	4. Nagr
PRINTED NAME OF INVENTOR	Nagarajan Viswanathan
DATE	3 rd March 2017
RESIDENCE (CITY AND STATE)	Bangalore, India
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Pooja Sundar
DATE	
RESIDENCE (CITY AND STATE)	Bangalore, India

After recording, return Assignment to:

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

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Sthanunathan Ramakrishnan
DATE	
RESIDENCE (CITY AND STATE)	Bangalore, India
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Nagarajan Viswanathan
DATE	
RESIDENCE (CITY AND STATE)	Bangalore, India
SIGNATURE OF INVENTOR	事
PRINTED NAME OF INVENTOR	Pooja Sundar
DATE	4 MARCH 2017
RESIDENCE (CITY AND STATE)	Bangalore, India

After recording, return Assignment to:

RECORDED: 03/13/2017

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