#### 505629518 08/20/2019

# PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5676323

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SARMA SUNDARESWARA GUNTURI	03/23/2018
JAIGANESH BALAKRISHNAN	03/23/2018

### **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**

Property Type	Number
Application Number:	15934946

### CORRESPONDENCE DATA

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**Correspondent Name:** TEXAS INSTRUMENTS INCORPORATED

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ATTORNEY DOCKET NUMBER:	TI-78348
NAME OF SUBMITTER:	SHANNON THOMASON
SIGNATURE:	/SHANNON THOMASON/
DATE SIGNED:	08/20/2019

**Total Attachments: 2** 

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> **PATENT** REEL: 050098 FRAME: 0026 505629518

### 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 India Provisional Application No(s). 201741010243, filed 03/23/2017;

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.

Talso 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 patients under the terms of the Paris Convention for the Protection of Industrial Property, and further agree to execute any and all patient 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 caths, 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		OR SERIALIZED SIGNAL	BANDWIDTH REDUCTION
NONPROVISIONAL APPLICATION NO.	15/934,946	FILING DATE	03/23/2018

SIGNATURE OF INVENTOR	Chronie-
PRINTED NAME OF INVENTOR	Sarma Sundareswara Gunturi
DATE	Effective March 23, 2018
RESIDENCE (CITY AND STATE)	Bangalore, India

PATENT REEL: 050098 FRAME: 0027

# Application No. 15/934,946

Attorney Docket No. TI-78348

SIGNATURE OF INVENTOR	g. Frigeral
PRINTED NAME OF INVENTOR	Jaiganesh Balakrishnan
OATE	Effective March 23, 2018
RESIDENCE (CITY AND STATE)	Bangalore, Índia

After recording, return Assignment to:

Texas Instruments Incorporated P.O. Box 655474, M/S 3999 Dallas, Texas 75265

> PATENT REEL: 050098 FRAME: 0028

**RECORDED: 08/20/2019**