01/12/2015 503131698

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3178308

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ASHISH KHANDELWAL	09/24/2014
JOSEPH M. KHAYAT	09/26/2014
YIPENG SU	09/24/2014
ROBERT A. NEIDORFF	09/26/2014
BHARATH B. KANNAN	09/26/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14502048

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: 214-479-1215 Email: uspto@ti.com

TEXAS INSTRUMENTS INCORPORATED **Correspondent Name:**

Address Line 1: 12500 TI BOULEVARD

Address Line 2: M/S 3999

Address Line 4: DALLAS, TEXAS 75243

ATTORNEY DOCKET NUMBER:	TI-74615
NAME OF SUBMITTER:	TINA MATHEWSON
SIGNATURE:	/Tina Mathewson/
DATE SIGNED:	01/12/2015

Total Attachments: 6 source=74615_Assignment#page1.tif source=74615_Assignment#page2.tif source=74615_Assignment#page3.tif source=74615_Assignment#page4.tif source=74615_Assignment#page5.tif source=74615_Assignment#page6.tif

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) 61/916,655, filed 12/16/2013; 61/916,669, filed 12/16/2013; and 61/916,643, filed 12/16/2013.

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		HITECTURE FOR A DE RANSFER SYSTEM AN	EMODULATOR FOR A ND METHOD THEREFOR
NONPROVISIONAL APPLICATION NO.	14/502,048	FILING DATE	9-30-14
SIGNATURE OF INVENTOR	2 ins		
PRINTED NAME OF INVENTOR	Ashish Khandelwal		
DATE	09/24/14		
RESIDENCE (CITY AND STATE)	Irving, TX		

Application No.

SIGNATURE OF INVENTOR	Joseph m Khayer
PRINTED NAME OF INVENTOR	Joseph M. Khayat
DATE	September 26, 2014
RESIDENCE (CITY AND STATE)	Bedford, NH
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Yipeng Su
DATE	
RESIDENCE (CITY AND STATE)	Blacksburg, VA
SIGNATURE OF INVENTOR	your a hours
PRINTED NAME OF INVENTOR	Robert A. Neidorff
DATE	Sert 26 2014
RESIDENCE (CITY AND STATE)	Bedford, NH

Page 3 Attorney Docket No. TI-74615

Application No.

SIGNATURE OF INVENTOR	of Bharlbodgi
PRINTED NAME OF INVENTOR	Bharath B. Kannan
DATE	09/26/14
RESIDENCE (CITY AND STATE)	Merrimack, NH

After recording, return Assignment to:

Texas Instruments Incorporated 12500 TI Boulevard (M/S 3999) Dallas, Texas 75243

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) 61/916,655, filed 12/16/2013; 61/916,669, filed 12/16/2013; and 61/916.643, filed 12/16/2013.

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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.

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

TITLE	l .		MODULATOR FOR A ID METHOD THEREFOR
NONPROVISIONAL APPLICATION NO.	14/502,048	FILING DATE	9-30-14
SIGNATURE OF INVENTOR			
PRINTED NAME OF INVENTOR	Ashish Khandelwal		
DATE			
RESIDENCE (CITY AND STATE)	Irving, TX		

Application No.

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Joseph M. Khayat
DATE	
RESIDENCE (CITY AND STATE)	Bedford, NH
SIGNATURE OF INVENTOR	Smin
PRINTED NAME OF INVENTOR	Yipeng Su
DATE	09/24/2014
RESIDENCE (CITY AND STATE)	Blacksburg, VA
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Robert A. Neidorff
DATE	
RESIDENCE (CITY AND STATE)	Bedford, NH

Application No.

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Bharath B. Kannan
DATE	
RESIDENCE (CITY AND STATE)	Merrimack, NH

After recording, return Assignment to:

Texas Instruments Incorporated 12500 TI Boulevard (M/S 3999) Dallas, Texas 75243

PATENT REEL: 034681 FRAME: 0596

RECORDED: 01/12/2015