

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3553142

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANAND DABAK	09/11/2015
AMARDEEP SATHYANARAYANA	09/10/2015
LUIS FERNANDO REYNOSO	09/10/2015
VENKATARAMANAN RAMAMURTHY	09/14/2015
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:	14852005
CORRESPONDENCE DATA	
Fax Number:	(214)479-1273
<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>	
Phone:	214.479.1264
Email:	uspto@ti.com
Correspondent Name:	TEXAS INSTRUMENTS INCORPORATED
Address Line 1:	P.O. BOX 655474
Address Line 2:	M/S3999
Address Line 4:	DALLAS, TEXAS 75265
ATTORNEY DOCKET NUMBER:	TI-75454
NAME OF SUBMITTER:	STEPHEN L. LEVINE
SIGNATURE:	/stephen l. levine/
DATE SIGNED:	10/02/2015
Total Attachments: 7	

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source=Assignment_Dabak#page1.tif
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source=Venkat_Assignment#page1.tif
source=Venkat_Assignment#page2.tif

Serial No.

Attorney Docket No.
TI-75454

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 United States Provisional Patent Application 62/049,739, entitled "Selection of Excitation Pulse Frequency for Ultrasonic Transducers" and filed September 12, 2014.;

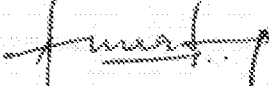
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application(s) and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

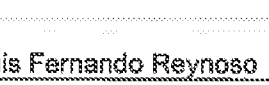
I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the Paris Convention for the Protection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

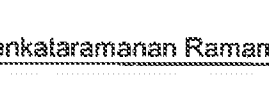
I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute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

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

TITLE OF INVENTION	Ultrasonic Transducer System and Method Using Selective Interleaved Excitation Pulse Frequency
SIGNATURE OF INVENTOR AND NAME	Anand Dabak
DATE	
RESIDENCE (CITY AND STATE)	Plano, Texas

TITLE OF INVENTION	Ultrasonic Transducer System and Method Using Selective Interleaved Excitation Pulse Frequency
SIGNATURE OF INVENTOR AND NAME	 Amardeep Sathyanarayana
DATE	9/10/2015
RESIDENCE (CITY AND STATE)	Austin, Texas

SIGNATURE OF INVENTOR AND NAME	 Luis Fernando Reynoso
DATE	
RESIDENCE (CITY AND STATE)	Plano, Texas

SIGNATURE OF INVENTOR AND NAME	 Venkataramanan Ramamurthy
DATE	
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka (INDIA)

After recording, return Assignment to:

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

Serial No.

Attorney Docket No.
TI-75454

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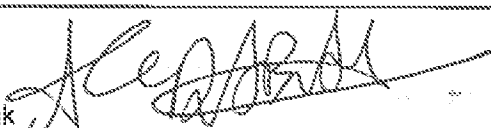
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I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents 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 patent 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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SIGNATURE OF INVENTOR AND NAME	Anand Dabak 
DATE	09/11/2015
RESIDENCE (CITY AND STATE)	Plano, Texas

Serial No.

Attorney Docket No.
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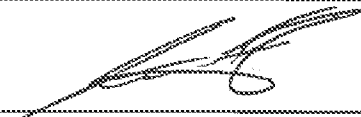
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SIGNATURE OF INVENTOR AND NAME	Amardeep Sathyanarayana
DATE	
RESIDENCE (CITY AND STATE)	Austin, Texas

SIGNATURE OF INVENTOR AND NAME	Luis Fernando Reynoso 
DATE	09-10-2015
RESIDENCE (CITY AND STATE)	Plano, Texas

SIGNATURE OF INVENTOR AND NAME	Venkataramanan Ramamurthy
DATE	
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka (INDIA)

After recording, return Assignment to:

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

Attorney Docket No.
TI-75464

Serial No.

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 3099, 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 United States Provisional Patent Application 62/049,739, entitled "Selection of Excitation Pulse Frequency for Ultrasonic Transducers" and filed September 12, 2014;

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DATE	
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SIGNATURE OF INVENTOR AND NAME	Amardeep Sethyanarayana
DATE	
RESIDENCE (CITY AND STATE)	Austin, Texas

SIGNATURE OF INVENTOR AND NAME	Luis Fernando Reynoso
DATE	
RESIDENCE (CITY AND STATE)	Plano, Texas

SIGNATURE OF INVENTOR AND NAME	<i>R. Venkata Ramanan</i> Venkataramanan Ramamurthy
DATE	14/sep/2015
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka (INDIA)

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