

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jagannathan Venkataraman</td> <td>07/19/2012</td> </tr> <tr> <td>Sandeep Kesrimal Oswal</td> <td>07/16/2012</td> </tr> <tr> <td>Vinod Srinivasan Paliakara</td> <td>07/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jagannathan Venkataraman	07/19/2012	Sandeep Kesrimal Oswal	07/16/2012	Vinod Srinivasan Paliakara	07/19/2012				
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Texas Instruments Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>12500 TI Boulevard</td> </tr> <tr> <td>Internal Address:</td> <td>MS 3999</td> </tr> <tr> <td>City:</td> <td>Dallas</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>75243</td> </tr> </table>		Name:	Texas Instruments Incorporated	Street Address:	12500 TI Boulevard	Internal Address:	MS 3999	City:	Dallas	State/Country:	TEXAS	Postal Code:	75243
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CORRESPONDENCE DATA													
Fax Number: (214)479-1273 Phone: 7139378823 Email: gerald@lawspatents.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: Texas Instruments Incorporated Address Line 1: P.O. Box 655474 Address Line 2: MS 3999 Address Line 4: Dallas, TEXAS 75265													
ATTORNEY DOCKET NUMBER:	TI-71215												
NAME OF SUBMITTER:	Gerald E Laws												
Total Attachments: 2 source=TI-71215-ASG#page1.tif source=TI-71215-ASG#page2.tif													

OP \$40.00 13553810

Application No. - 13/553,810

Attorney Docket No. TI-71215

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) : 61/509,678, filed July 20, 2011:

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 herein below.

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

TITLE	Ambient Noise Cancellation in Pulsed Input System		
NONPROVISIONAL APPLICATION NO.	13/553,810	FILING DATE	2012-07-19

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Jagannathan Venkateshram
DATE	19 July 2012
RESIDENCE (CITY, STATE and COUNTRY)	Bangalore, Karnataka, India

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Sandeep Kesrimal Oswal
DATE	16 July 2012
RESIDENCE (CITY, STATE and COUNTRY)	Bangalore, Karnataka, India
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Vinod Srinivasan Paliakara
DATE	19 July 2012
RESIDENCE (CITY, STATE and COUNTRY)	Bangalore, Karnataka, India

After recording, return Assignment to:

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