

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3508915

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AMARDEEP SATHYANARAYANA	05/18/2015
NITISH MURTHY	08/31/2009
SOURABH RAVINDRAN	07/03/2015
BRIAN PAUL BURK	05/20/2015
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:	14712658
CORRESPONDENCE DATA	
Fax Number:	
<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:	214-479-1243
Email:	uspto@ti.com
Correspondent Name:	TEXAS INSTRUMENTS INCORPORATED
Address Line 1:	P O BOX 655474, M/S 3999
Address Line 4:	DALLAS, TEXAS 75265
ATTORNEY DOCKET NUMBER:	TI-74858
NAME OF SUBMITTER:	DEBORAH DUPREE
SIGNATURE:	/Deborah DuPree/
DATE SIGNED:	09/01/2015
Total Attachments: 7	
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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 U.S. Provisional Application No. 61/993,519, filed 05/15/2014; and Provisional Application No. 61/993,534, filed 05/15/2014.

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.

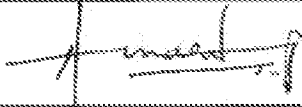
I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris 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	METHOD, APPARATUS AND SYSTEM FOR PORTABLE DEVICE SURFACE AND MATERIAL ANALYSIS		
NONPROVISIONAL APPLICATION NO.	14/712,658	FILING DATE	May 14, 2015

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Amardeep Sathyanarayana
DATE	05/18/2015
RESIDENCE (CITY AND STATE)	Austin, Texas

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Nitish Murthy
DATE	
RESIDENCE (CITY AND STATE)	Allen, Texas

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Sourabh Ravindran
DATE	
RESIDENCE (CITY AND STATE)	Dallas, Texas

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Brian Paul Burk
DATE	
RESIDENCE (CITY AND STATE)	Dallas, Texas

After recording, return Assignment to:

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

Assignment of Inventions and Company Information Agreement

In consideration of my employment by Texas Instruments Incorporated or any subsidiary thereof (hereinafter, collectively referred to as "TI"), I hereby agree as follows:

I. Assignment of Inventions

A. I agree to disclose promptly, completely and in writing to TI and I hereby assign and agree to assign and bind my heirs, executors, or administrators to assign to TI or its designees, its assigns, successors or legal representatives, any and all inventions, processes, diagrams, methods, apparatus, or any improvements (all hereinafter collectively called "inventions") whatsoever, discovered, conceived and/or developed either individually or jointly with others, during the course of my employment with TI (including any and all inventions based wholly or in part upon ideas conceived during my employment with TI), or using TI's time, data, facilities and/or materials, provided the subject matter is one within a field of interest of TI. My obligations under this paragraph apply without regard to whether an idea for an invention or a solution to a problem occurs to me on the job, at home, or elsewhere. I further agree that all such inventions are TI's exclusive property, whether or not patent applications are filed thereon.

B. Subject matter within a field of interest of TI includes any field of interest that has been worked on by TI in the past, in which there is work in progress at TI at the date of or during my employment with TI, and projects or other operations at TI planned for the future. It is expressly understood that this agreement does not apply to any of my patents or patent applications filed or based on inventions made prior to my employment with TI or to matters (other than matters within a field of interest of TI) which are exclusively of personal interest.

C. I shall assist TI at any time during or after my employment is terminated, at TI's expense, in the preparation, execution, and delivery of any disclosures, patent applications, or papers within the scope and intent of this agreement required to obtain patents in this or in other countries and in connection with such other proceedings as may be necessary to vest title thereto in TI, its assigns, successors, or legal representatives. If such assistance takes place after my employment is terminated, I shall be paid by TI at a reasonable rate for any time that I actually spend in such work at TI's request.

II. Copyright Agreement

A. I agree that TI shall be the copyright proprietor in all copyrightable works of every kind and description created or developed by me solely or jointly with others during my employment with TI which works are created pursuant to the performance of my duties as those duties may be assigned or reassigned from time to time.

B. I further agree, if so requested and at no further expense to TI, to execute in writing any acknowledgments or assignments of copyright ownership of works within this agreement as may be necessary for the preservation of the worldwide proprietorship in TI of such copyrights.

III. Company Information

A. I recognize that my position with TI is one of highest trust and confidence by reason of my access to and contact with the trade secrets and confidential and proprietary business information of TI. I shall use my best efforts and exercise utmost diligence to protect and safeguard the trade secrets and confidential or proprietary information of TI.

B. Except as may be required by TI in connection with and during my employment with TI or with the express written permission of TI, I shall not, either during my employment with TI or thereafter, directly or indirectly, use for my own benefit or for the benefit of another, or disclose to another, any trade secret or confidential or proprietary information (whether or not acquired, learned, obtained or developed by myself alone or in conjunction with others) of TI, its customers, contractors or of others with which TI has a business relationship.

C. I further agree that all memoranda, notes, records, drawings, or other documents made or compiled by me or made available to me while employed by TI concerning any process, apparatus or products manufactured, used, developed, investigated or considered by TI or concerning any other TI activity shall be the property of TI and shall be delivered to TI upon termination of my employment or at any other time upon request.

D. I recognize that TI expects me to respect and safeguard any trade secret and confidential or proprietary information of any former employer, business associate or others and I hereby acknowledge TI's express direction not to disclose to TI, its officers, directors or employees any of such information so long as it remains confidential or proprietary.

IV. Miscellaneous

A. I agree not to solicit or induce any TI employee to leave TI, nor to hire or retain any ex-Tier who worked at TI at any time during one year prior to my termination, within one year after I leave TI.

B. Nothing contained in this agreement shall be construed as impairing my right or the right of TI to terminate employment hereunder. My obligations under this agreement shall continue whether or not my employment with TI shall be terminated voluntarily or involuntarily, with or without cause.

C. This agreement shall be binding upon and inure to the benefit of TI, its successors in business and upon me, my heirs, executors and administrators.

D. This agreement replaces all previous agreements relating to the same or similar matters that I may have entered into with TI with respect to my present and any future period of employment by TI. This agreement may not be modified in any respect by any verbal statement, representation or agreement made by any other employee of TI, or by a written document signed by any employee of TI other than an officer thereof.

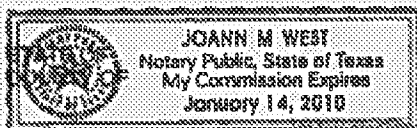
E. The law of the State of Texas will govern the interpretation, validity and effect of this agreement without regard to the place of execution or the place of performance thereof.

N. K. Murthy

Signature

31st Aug 2008

Date



SEAL

The above-named NITISH K MURTHY personally appeared before me and acknowledged the foregoing instrument to be his free act and deed.

Joann M. West

Notary Public

TI-28724 (5/99)

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 U.S. Provisional Application No. 61/993,519, filed 05/15/2014; and Provisional Application No. 61/993,534, filed 05/15/2014.

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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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PRINTED NAME OF INVENTOR	Amardeep Sathyanarayana
DATE	
RESIDENCE (CITY AND STATE)	Austin, Texas

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Nitish Murthy
DATE	
RESIDENCE (CITY AND STATE)	Allen, Texas

SIGNATURE OF INVENTOR	<i>Sourabh</i>
PRINTED NAME OF INVENTOR	Sourabh Ravindran
DATE	07/03/2015
RESIDENCE (CITY AND STATE)	Dallas, Texas

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Brian Paul Burk
DATE	
RESIDENCE (CITY AND STATE)	Dallas, Texas

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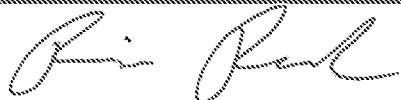
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