| Form <b>PTO-1595</b> (Rev. 03-09)<br>OMB No. 0651-0027 (exp. 03/31/2009) | U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office |
|--|---|
|  | ORM COVER SHEET   |
|  | TS ONLY   |
|  | se record the attached documents or the new address(es) below.        |
| Name of conveying party(ies)   | 2. Name and address of receiving party(ies)                           |
| Suribhotla V. Rajasekhar   | Name: Texas Instruments Inc.  |
| Robert J. Landers  | Internal Address:   |
| Additional name(s) of conveying party(ies) attached? Yes X No            | 0   |
| 3. Nature of conveyance/Execution Date(s):                               | Street Address: P.O. Box 655474, MS 3999                              |
| Execution Date(s) June 10, 2010; June 14, 2010                           |   |
| Assignment Merger  |   |
| Security Agreement Change of Name  | City: Dallas  |
| Joint Research Agreement   | State: Texas  |
| Government Interest Assignment   |   |
| Executive Order 9424, Confirmatory License                               | Country: US Zip: 75265  |
| Other  | Additional name(s) & address(es) attached? Yes X No                   |
| 4. Application or patent number(s):                                      | document is being filed together with a new application.              |
| A. Patent Application No.(s)   | B. Patent No.(s)  |
| 12/ <b>819</b> ,550  |   |
| 12615,550  |   |
| Additional numbers att   | 【<br>ttached? ☐ Yes ☒ No  |
| 5. Name and address to whom correspondence                               | 6. Total number of applications and patents                           |
| concerning document should be mailed:                                    | involved: 1   |
| Name: Steven Shaw  | 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00                         |
| Internal Address: Texas Instruments                                      | ,   |
| Law Department   | X Authorized to be charged to deposit account                         |
| Street Address: P.O. Box 655474, MS 3999                                 | Enclosed  |
|  | None required (government interest not affecting title)               |
| City: _Dallas  | 8. Payment Information  |
| State: <u>Texas</u> Zip: <u>75265</u>                                    |   |
| Phone Number: 972-917-5137   |   |
| Fax Number: <u>972-917-4418</u>  | Deposit Account Number 200668   |
| Email Address:   | Authorized User Name_Michael J. Fogarty, III                          |
| 9. Signature: Mickael Image to   | 1 June 21, 2010   |
| ////White / - 104/1/14 /   |   |
| Michael J. Fogarby/III   | Total number of pages including cover                                 |
| Name of Person Signing   | sheet, attachments, and documents:                                    |

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Application No. 12/8/9,550

Attorney Docket No. TI-68588

## **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 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, 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;

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 filling date hereinbelow.

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

| TITLE                             | LOW-POWER DATA LOC | P RECORDER  |               |
|-----------------------------------|--------------------|-------------|---------------|
| NONPROVISIONAL<br>APPLICATION NO. | 12/8/9,550         | FILING DATE | JUNE 21, 2010 |

| SIGNATURE<br>OF INVENTOR      | Implajanh-               |
|-------------------------------|--------------------------|
| PRINTED NAME<br>OF INVENTOR   | Suribhotla V. Rajasekhar |
| DATE                          | June 10, 2010            |
| RESIDENCE<br>(CITY AND STATE) | Plano, Texas             |

Assignment From Inventor (US 9/1/09)

PATENT REEL: 024570 FRAME: 0708

Application No. 12/8/9,550

Attorney Docket No. TI-68588

| SIGNATURE<br>OF INVENTOR      |                   |
|-------------------------------|-------------------|
| PRINTED NAME<br>OF INVENTOR   | Robert J. Landers |
| DATE                          |                   |
| RESIDENCE<br>(CITY AND STATE) | Allen, Texas      |

After recording, return Assignment to:

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

Assignment From Inventor (US 9/1/09)

PATENT REEL: 024570 FRAME: 0709

Application No. 12/8/9,550

Attorney Docket No. TI-68588

## **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 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Palent that may issue thereon;

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 self 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                             | LOW-POWER DATA LOC | OP RECORDER |               |
|-----------------------------------|--------------------|-------------|---------------|
| NONPROVISIONAL<br>APPLICATION NO. | 12/819550          | FILING DATE | JUNE 21, 2010 |

| SIGNATURE<br>OF INVENTOR      |                          |
|-------------------------------|--------------------------|
| PRINTED NAME<br>OF INVENTOR   | Suribhotla V. Rajasekhar |
| DATE                          |                          |
| RESIDENCE<br>(CITY AND STATE) | Plano, Texas             |

Assignment From Inventor (US 9/1/09)

PATENT REEL: 024570 FRAME: 0710

Application No. 12/8/9,550

Attorney Docket No. TI-68588

| SIGNATURE<br>OF INVENTOR      | Robert & Landers  |
|-------------------------------|-------------------|
| PRINTED NAME<br>OF INVENTOR   | Robert J. Landers |
| DATE                          | 6-14-2010         |
| RESIDENCE<br>(CITY AND STATE) | Allen, Texas      |

After recording, return Assignment to:

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

> PATENT REEL: 024570 FRAME: 0711

**RECORDED: 06/21/2010**