

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

03-27-2008



103492412

TI-62454 (1962-41200)

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To the Director of the U.S. Patent and

documents or the new address(es) below.

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- 1. Suresh SUBRAMANIAM 09/25/2007
- 2. Amit Vijay NAHAR 09/25/2007
- 3. Thomas John ANDERSON 09/25/2007
- 4. Kenneth Michael BUTLER 09/25/2007
- 5. John Michael CARULLI 09/25/2007

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Texas Instruments Incorporated

Internal Address: _____

Street Address: P. O. Box 655474, MS 3999

City: Dallas

State: Texas

Country: US Zip: 75265

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) See dates above to right of parties

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License

Other Corrective to correct 5th inventor at Reel 019914 Frame 937.

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

11/864,283

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Alan Stewart

Internal Address: Texas Instruments Incorporated

Street Address: P. O. Box 655474, MS 3999

City: Dallas

State: Texas Zip: 75265

Phone Number: (972) 917-4566

Fax Number: (972) 917-4418

Email Address: a-stewart@ti.com

6. Total number of applications and patents involved: One

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 03-2769
~~03-6927~~

Authorized User Name Robert de Leon

9. Signature:

Robert de Leon
Signature

October 9, 2007
Date

Robert de Leon
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

12

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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TO: ALAN STEWART COMPANY: TEXAS INSTRUMENTS INCORPORATED

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United States Patent and Trademark Office

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PATENTS ONLY

TI-82454 (1982-41200)

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)
1. Suresh SUBRAMANIAM 09/26/2007
2. Amit Vijay NAHAR 09/26/2007
3. Thomas John ANDERSON 09/26/2007
4. Kenneth Michael BUTLER 09/26/2007
5. John Michael CARULL 09/26/2007

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 Other _____

Street Address: P. O. Box 655474, MS 3999
City: Dallas
State: Texas
Country: US Zip: 75265
Additional name(s) & address(es) attached? Yes No

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11/864,283
B. Patent No.(s)

Additional numbers attached? Yes No

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Name: Alan Stewart
Internal Address: Texas Instruments Incorporated
Street Address: P. O. Box 655474, MS 3999
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State: Texas Zip: 75265
Phone Number: (972) 917-4566
Fax Number: (972) 917-4418
Email Address: a-stewart@ti.com

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 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

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a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 20-0668
Authorized User Name Alan Stewart

9. Signature: Robert de Leon
Signature
Name of Person Signing

October 3, 2007
Date
Total number of pages including cover sheet, attachments, and documents: 4

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CH \$40.00 200668 11864283

Serial No. _____

Attorney Docket No.
TI-62454 (1962-41200)**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, the said application having been executed on the date set forth below; and

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 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 and all patents which may be granted therefor, 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 International Convention for the Protection of Industrial Property, and of the European Patent Convention, 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.

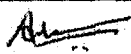
IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

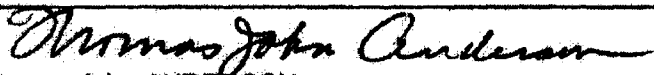
| | |
|--------------------------------|--|
| TITLE OF INVENTION | IDENTIFICATION OF OUTLIER SEMICONDUCTOR DEVICES USING DATA-DRIVEN STATISTICAL CHARACTERIZATION |
| SIGNATURE OF INVENTOR AND NAME | <i>Suresh Subramaniam</i> Suresh SUBRAMANIAM |
| RESIDENCE (CITY AND STATE) | 3012 Holford Road, Richardson, TX 75082 |
| DATE DECLARATION SIGNED | 9/25/2007 |

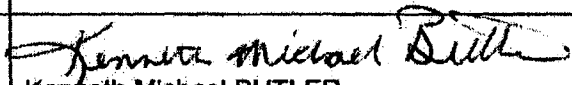
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TI-62454 (1962-41200)

Page 2

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|--------------------------------|---|
| TITLE OF INVENTION | IDENTIFICATION OF OUTLIER SEMICONDUCTOR DEVICES USING DATA-DRIVEN STATISTICAL CHARACTERIZATION |
| SIGNATURE OF INVENTOR AND NAME |  Amit Vijay NAHAR |
| RESIDENCE (CITY AND STATE) | 9001 Markville Drive, Apt. #1430, Dallas, TX 75243 |
| DATE DECLARATION SIGNED | 9.25.2007 |

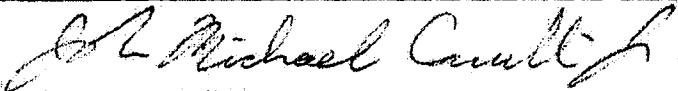
| | |
|--------------------------------|--|
| TITLE OF INVENTION | IDENTIFICATION OF OUTLIER SEMICONDUCTOR DEVICES USING DATA-DRIVEN STATISTICAL CHARACTERIZATION |
| SIGNATURE OF INVENTOR AND NAME |  Thomas John ANDERSON |
| RESIDENCE (CITY AND STATE) | 9050 Markville Drive, Apt. #1611, Dallas, TX 75243 |
| DATE DECLARATION SIGNED | 9.25.2007 |

| | |
|--------------------------------|---|
| TITLE OF INVENTION | IDENTIFICATION OF OUTLIER SEMICONDUCTOR DEVICES USING DATA-DRIVEN STATISTICAL CHARACTERIZATION |
| SIGNATURE OF INVENTOR AND NAME |  Kenneth Michael BUTLER |
| RESIDENCE (CITY AND STATE) | 4700 Winter Park Drive, Richardson, TX 75082 |
| DATE DECLARATION SIGNED | 9-25-2007 |

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TI-62454 (1962-41200)

Page 3

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|---|--|
| TITLE OF INVENTION | IDENTIFICATION OF OUTLIER SEMICONDUCTOR DEVICES USING DATA-DRIVEN STATISTICAL CHARACTERIZATION |
| SIGNATURE OF INVENTOR AND NAME |  John Michael CARULLI |
| RESIDENCE (CITY AND STATE) | 4024 Tabernash, Richardson, TX 75082 |
| DATE DECLARATION SIGNED | 9/25/2007 |

After recording, return Assignment to:

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

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