

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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

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)Shengyuan Li
Douglas Warren Dean
Indumini RanmuthuAdditional 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: 12500 TI Boulevard - M/S 3999City: DallasState: TexasCountry: United States Zip: 75243Additional name(s) & address(es) attached? Yes No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) May 26, 2011

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

4. Application or patent number(s):A. Patent Application No.(s)
13/118,242 This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No**5. Name and address to whom correspondence concerning document should be mailed:**Name: John J. PattiInternal Address: MS 3999Street Address: P.O. Box 655474City: DallasState: Texas Zip: 75265-5474Phone Number: 972-917-4144Fax Number: (972) 917-4418Email Address: j-patti@ti.com**6. Total number of applications and patents involved:** 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

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

8. Payment Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 20-0668

Authorized User Name _____

9. Signature:/Guy K. Clinger/

Signature

June 2, 2011

Date

Guy K. Clinger

Name of Person Signing

Total number of pages including cover
sheet, attachments, and documents:4Documents 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**PATENT**

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: JOHN J. PATTI COMPANY: MS 3999

To: MS Assignment Record Page 1 of 4

2011-06-02 19:43:34 (GMT)

17203675411 From: Guy Clinger

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

06/02/2011
700464301
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1. Name of conveying party(ies)

Shengyuan Li
Douglas Warren Dean
Indumini Ranmu3hu

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: 12500 TI Boulevard - M/S 3999

City: Dallas

State: Texas

Country: United States Zip: 75243

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

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Internal Address: MS 3999

Street Address: P.O. Box 655474

City: Dallas

State: Texas Zip: 75265-5174

Phone Number: 972-917-4144

Fax Number: (972) 917-4418

Email Address: j-patti@ti.com

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CH \$40.00 200668 13118242

Serial No. 13/118,242

Attorney Docket No.
TI-70397**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 Paris 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	Current Driver Damping Circuit
SIGNATURE OF INVENTOR AND NAME	 Shengyuan Li
DATE	5/26/2011
RESIDENCE (CITY AND STATE)	Irving, TX
DATE DECLARATION SIGNED	5/26/2011

TI-70397

Page 2

TITLE OF INVENTION	Current Driver Damping Circuit
SIGNATURE OF INVENTOR AND NAME	<i>Douglas Warren Dean</i> Douglas Warren Dean
DATE	5/26/11
RESIDENCE (CITY AND STATE)	Eagan, MN
DATE DECLARATION SIGNED	5/26/11

SIGNATURE OF INVENTOR AND NAME	Indumini Ranmuthu
DATE	
RESIDENCE (CITY AND STATE)	Plano, TX
DATE DECLARATION SIGNED	

After recording, return Assignment to:

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

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SIGNATURE OF INVENTOR AND NAME	Douglas Warren Dean
DATE	
RESIDENCE (CITY AND STATE)	Eagan, MN
DATE DECLARATION SIGNED	

SIGNATURE OF INVENTOR AND NAME	<u>I.W. Ranmuthu</u> Indumini Ranmuthu
DATE	5/26/11
RESIDENCE (CITY AND STATE)	Plano, TX
DATE DECLARATION SIGNED	5/26/11

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17203675411 From: Guy Clinger

Serial No. 13/118,242

Attorney Docket No. TI-70397

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 extents which may be granted therein, 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 in 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 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 its expense of said assignee company, testify in any legal proceedings, sign all legal 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	Current Driver Damping Circuit
SIGNATURE OF INVENTOR AND NAME	 Shengyuan Li
DATE	5/26/2011
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TITLE OF INVENTION	Current Driver Damping Circuit
SIGNATURE OF INVENTOR AND NAME	<i>Douglas Warren Dean</i> Douglas Warren Dean
DATE	5/26/11
RESIDENCE (CITY AND STATE)	Eagan, MN
DATE DECLARATION SIGNED	5/26/11
SIGNATURE OF INVENTOR AND NAME	Indurani Ramrajulu
DATE	
RESIDENCE (CITY AND STATE)	Flora, TX
DATE DECLARATION SIGNED	

After recording, return Assignments to:

Texas Instruments Incorporated
PO Box 654174, M/S 3999
Dallas, TX 75265

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DATE	
RESIDENCE (CITY AND STATE)	Eagan, MN
DATE DECLARATION SIGNED	
SIGNATURE OF INVENTOR AND NAME	<i>I W Rammell</i> Indrani Rammell
DATE	5/26/11
RESIDENCE (CITY AND STATE)	Piano, TX
DATE DECLARATION SIGNED	5/26/11

After recording, return Assignment to:

Texas Instruments Incorporated
PO Box 365474, M/S 3999
Dallas, TX 75285