

RECORDATION FORM COVER SHEET PATENTS ONLY

TI-63355

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. Saowanee Saewong
2. Xiaolin Lu
- 3.
- 4.

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

2. Name and address of receiving party(ies)

(1) Name Texas Instruments Inc.

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

City: Dallas State: TX

Country: USA Zip: 75265

3. Nature of conveyance/Execution Date(s)

Execution Date(s)

9/11/2007;9/11/2007

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

(2) Name _____

Street Address: _____

City: _____ State: _____

Country: _____ Zip: _____

Additional name(s) and Address(es) attached? Yes No

4. Application or patent number(s):

A. Patent Application No.(s) 11/853,674 - Filed
09/11/2007

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: Ron Neerings

Internal Address: _____

Company: Texas Instruments Inc.

Address: P.O. Box 655474; MS 3999

City: Dallas

State: TX Zip: 75265

Phone Number (972) 917-5299

Fax Number (972) 917-4418

Email Address r-neerings@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 Information

a. Credit Card Last 4 Numbers _____

Expiration Date: _____

b. Deposit Account Number: 20-0668

Authorized User Name: Ron Neerings

9. Signature 

9/11/2007

Date

David H. Hitt

Name of Person Signing

Total number of Pages including Cover sheet, attachments and documents

3

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

Serial No. 11/853,674

Attorney Docket No.
TI-63355**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.

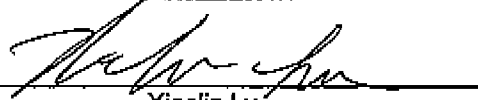
I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute 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	POWER-OPTIMIZING MEMORY ANALYZER, METHOD OF OPERATING THE ANALYZER AND SYSTEM EMPLOYING THE SAME
SIGNATURE OF INVENTOR AND NAME	 Saowanee Saewong
RESIDENCE (CITY AND STATE)	19251 Preston Road, Apt. 1309 Dallas, TX 75252
DATE SIGNED	9/11/2007

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TITLE OF INVENTION	POWER-OPTIMIZING MEMORY ANALYZER, METHOD OF OPERATING THE ANALYZER AND SYSTEM EMPLOYING THE SAME
SIGNATURE OF INVENTOR AND NAME	 Xiaolin Lu
RESIDENCE (CITY AND STATE)	408 Cedar Valley Drive Plano, TX 75024
DATE SIGNED	09/11/2007

After recording, return Assignment to:

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