

12-18-2006



HEET

103350252

Docket No.: TI-60887

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

12-12-06

**1. Name of conveying party(ies)/Execution Date(s):**

HUGH THOMAS MAIR SUDHA THIRUVENGADAM  
JAMES SANGWON SONG  
FRANCK BENJAMIN DAHAN  
WILLIAM DOUGLAS WILSON  
NORMAN LEROY CULP

Execution Date(s) 10/20; 11/27; 12/07; 11/07; 11/26; 12/07/2006

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

**3. Nature of conveyance:**

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Texas Instruments Incorporated

Internal Address: \_\_\_\_\_

Street Address: P.O. Box 655474, M/S 3999

City: Dallas

State: TX

Country: USA Zip: 75265

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

**4. Application or patent number(s):**

This document is being filed together with a new application. 10/20; 11/27; 12/07; 11/07; 11/26; 10/16/2006

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: RONALD NEERINGS

Internal Address: Texas Instruments, Inc.

Street Address: P.O. Box 65574, M/S 3999

City: Dallas

State: Texas 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 Texas Instruments, Inc.

**9. Signature:**

December 12, 2006  
Date

12/15/2006 DBYRME 00000143 200666 Signature 103350252

01 FC:8021

40.00 DA

Gary J. Pitzer, Reg. No. 39,334  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

**PATENT**  
**REEL: 018706 FRAME: 0446**

112955 U.S. PTO  
11/687352

121206

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

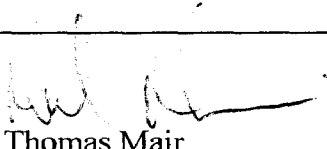
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

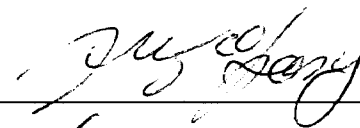
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefore, 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.

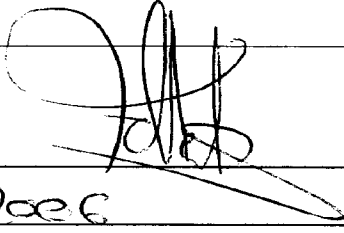
I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for 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.

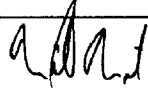
I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute 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	<u><b>SYSTEMS AND METHODS FOR MANAGING POWER</b></u>
SIGNATURE OF INVENTOR AND NAME	 Hugh Thomas Mair
DATE	10/20/2006
RESIDENCE (COMPLETE ADDRESS CITY AND STATE)	500 Lost Creek Trail Fairview, TX 75069
DATE APPLICATION EXECUTED	10/20/2006

<p>TITLE OF INVENTION</p>	<p><b><u>SYSTEMS AND METHODS FOR MANAGING POWER</u></b></p>
<p>SIGNATURE OF INVENTOR AND NAME</p>	<p>James Sangwon Song </p>
<p>DATE</p>	<p>27-Nov-06</p>
<p>RESIDENCE (COMPLETE ADDRESS CITY AND STATE)</p>	<p>2805 Montell Court Plano, TX 75025</p>
<p>DATE APPLICATION EXECUTED</p>	<p>27-Nov-06</p>

TITLE OF INVENTION	<u>SYSTEMS AND METHODS FOR MANAGING POWER</u>
SIGNATURE OF INVENTOR AND NAME	 Franck Benjamin Dahan
DATE	07 Decembe - 2006
RESIDENCE (COMPLETE ADDRESS CITY AND STATE)	130 Avenue de la Lanterne 06200 Nice
DATE APPLICATION EXECUTED	07 December 2006

TITLE OF INVENTION	<b><u>SYSTEMS AND METHODS FOR MANAGING POWER</u></b>
SIGNATURE OF INVENTOR AND NAME	 William Douglas Wilson
DATE	11/7/06
RESIDENCE (COMPLETE ADDRESS CITY AND STATE)	1402 Pecos St Dallas, TX 75204
DATE APPLICATION EXECUTED	11/7/06

TITLE OF INVENTION	<b><u>SYSTEMS AND METHODS FOR MANAGING POWER</u></b>
SIGNATURE OF INVENTOR AND NAME	 Norman LeRoy Culp
DATE	11/26/06
RESIDENCE (COMPLETE ADDRESS CITY AND STATE)	18739 W. Cool Breeze Lane Montgomery, TX 77356
DATE APPLICATION EXECUTED	11/26/06

TITLE OF INVENTION	<u><b>SYSTEMS AND METHODS FOR MANAGING POWER</b></u>
SIGNATURE OF INVENTOR AND NAME	<i>Sudha - P.</i> Sudha Thiruvengadam
DATE	<i>Dec 7, 2006</i>
RESIDENCE (COMPLETE ADDRESS CITY AND STATE)	11105 Callanish Park Drive Austin, TX 78750
DATE APPLICATION EXECUTED	October 16, 2006