

<b>FORM PTO-1595</b>  <b>TI-60878</b>	<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>	<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>		
To the Ass't Commissioner for Patents. Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies):  1) TEXAS INSTRUMENTS FRANCE	2. Name and Address of receiving party(ies):  Name: TEXAS INSTRUMENTS INCORPORATED Address: P.O. Box 655474, MS 3999 City: Dallas State: TX Zip: 75265  Additional name(s) & address(es) attached? ____ Yes <input checked="" type="checkbox"/> No			
3. Nature of Conveyance:  <input checked="" type="checkbox"/> Assignment                      ____ Merger ____ Security Agreement              ____ Change of Name ____ Other _____  Execution Date: November 28, 2007				
4. Application number(s) or patent number(s).  ____ This document is being filed together with a new application.  Execution date of the application: November 28, 2007  Title: Memory Controller Idle Mode  Docket No: TI-60878  <table style="width: 100%;"> <tr> <td style="width: 50%;">A. Patent Application No.(s) S.N. 11/948,844</td> <td style="width: 50%;">D. Patent No.(s)</td> </tr> </table> Additional numbers attached? ____ Yes <input checked="" type="checkbox"/> No                      Additional numbers attached? ____ Yes <input checked="" type="checkbox"/> No			A. Patent Application No.(s) S.N. 11/948,844	D. Patent No.(s)
A. Patent Application No.(s) S.N. 11/948,844	D. Patent No.(s)			
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Ronald O. Neerings Texas Instruments Incorporated Address: P.O. Box 655474, MS 3999 City: Dallas State: TX Zip: 75265	6. Number of applications and patents involved: ____ (1) ____  7. Amount of fee enclosed or authorized to be charged: \$40 8. Deposit Account No: 20-0668 (No duplicate copy is needed).			
DO NOT USE THIS SPACE				
9. Statement and signature.  <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  <table style="width: 100%;"> <tr> <td style="width: 60%;">           ____ November 30, 2007 ____            Date         </td> <td style="width: 40%; text-align: right;">           ____/Indranil Chowdhury/            Indranil Chowdhury, Reg. No. 47,490         </td> </tr> </table> Total Number of Pages Including Cover Sheet, Attachments and Document: 4			____ November 30, 2007 ____ Date	____/Indranil Chowdhury/ Indranil Chowdhury, Reg. No. 47,490
____ November 30, 2007 ____ Date	____/Indranil Chowdhury/ Indranil Chowdhury, Reg. No. 47,490			

CH \$40.00 200668 11948844

**ASSIGNMENT****TIF-60878****PARTIES:**

1. **TEXAS INSTRUMENTS FRANCE (ASSIGNOR)** a company organised and existing under the laws of France, with its principal place of business at 821 Avenue Jack Kilby, B.P.5, 06271 Villeneuve-Loubet, FRANCE;
2. **TEXAS INSTRUMENTS INCORPORATED (ASSIGNEE)** a company organised and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, Dallas, Texas 75251, United States of America;

**RECITALS:**

- A. **ASSIGNOR** is jointly entitled with **ASSIGNEE** to the full and exclusive right, title and interest in and to certain inventions in respect of which at least one application for letters patent ("the Application") has been filed as set forth in the Schedule to this Assignment;
- B. **ASSIGNOR** has agreed to assign to the **ASSIGNEE** the full and exclusive right, title and interest in and to the inventions and the Application in respect of all states except FRANCE upon the terms and conditions set forth below;

**OPERATIVE PROVISIONS:**

In pursuance of an earlier agreement, and in consideration of the sum payable in respect thereof (receipt of which is hereby acknowledged) the **ASSIGNOR** hereby:

- (i) **ASSIGNS** unto the **ASSIGNEE**, its successors and assigns, the full and exclusive right, title and interest in and to the inventions in all states except FRANCE, and in and to the Application in respect of all states except FRANCE, and to all letters patents that may issue from the Application or be issued in respect of the inventions, and in and to all divisions, reissues, substitutions, continuations, and extensions of the Application or any application for letters patent filed in respect of said inventions; and the right to file applications for, and obtain letters patent, and to claim priority under the terms of the International Convention for the Protection of Industrial Property or any other relevant convention;
- (ii) authorises and requests that the national authorities of each state (except FRANCE) issue the Application, and any and all letters patent issued in respect of the inventions, or any and all letters patent resulting from the Application, insofar as Assignor's interest is concerned to the said **ASSIGNEE**, as assignee of the full and exclusive right, title and interest in and to the Application and the inventions. **ASSIGNOR** further agrees to execute any and all applications for letters patent, assignments, affidavits, and any other papers in connection therewith necessary to perfect patent rights, and generally to do everything possible to aid said **ASSIGNEE**, its successors, assigns and nominees to obtain and enforce proper patent protection for said inventions in all countries.

---

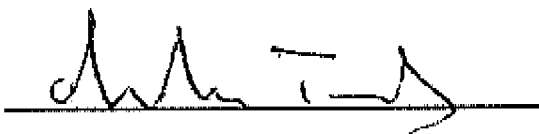
**SCHEDULE****THE APPLICATION(S)**

APPLICATION NUMBER	DATE FILED	TITLE
60/883032	12/31/2006	Memory Controller Idle Mode

IN WITNESS WHEREOF this Assignment has been executed as set forth below:

Executed for and on behalf of **TEXAS INSTRUMENTS FRANCE**

By:



Name:

Christian Tordo

Title:

Managing Director

Date:


November 28, 2007

#### ACKNOWLEDGEMENT

We, Franck Dahan, Gilles Dubost, and Sylvain Dubois, co-inventors of certain new and useful improvements in the above entitled invention for which an application for letters patent is about to be made, acknowledge that we were each employees of **TEXAS INSTRUMENTS FRANCE** on the date on which said invention was conceived and reduced to practise, that our invention was made in the course of our normal or specifically assigned duties as employees of **TEXAS INSTRUMENTS FRANCE** and that under French National Law our invention and all rights in it belong to **TEXAS INSTRUMENTS FRANCE**.

We each hereby further agree that we will communicate to **TEXAS INSTRUMENTS FRANCE** or to its successors, assigns and legal representatives, any facts known to us respecting said invention, and at the expense of **TEXAS INSTRUMENTS FRANCE**, will 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 FRANCE**, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, the each inventor has hereto set his hand and seal;

  
\_\_\_\_\_  
Franck Dahan  
\_\_\_\_\_  
Date  
\_\_\_\_\_  
Gilles Dubost  
\_\_\_\_\_  
Date  
\_\_\_\_\_  
Sylvain Dubois  
\_\_\_\_\_  
Date

\*\*\*

PTO/SB/21 (11-07)

Approved for use through 11/30/2007. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

5

Application Number

11/948,844

Filing Date

November 30, 2007

First Named Inventor

Franck Dahan

Art Unit

TBD

Examiner Name

TBD

Attorney Docket Number

11-80878

**ENCLOSURES (Check all that apply)**

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/  
Incomplete ApplicationReply to Missing Parts  
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition



Petition to Convert to a



Provisional Application



Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) \_\_\_\_\_



Landscape Table on CD

Remarks



After Allowance Communication to TC

Appeal Communication to Board  
of Appeals and InterferencesAppeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify  
below):Recordation Form Cover Sheet  
Assignment**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Chowdhury &amp; Georgakis, P.C.

Signature

/Indranil Chowdhury/

Printed name

Indranil Chowdhury

Date

November 30, 2007

Reg. No.

47,490

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

/Indranil Chowdhury/

Typed or printed name

Indranil Chowdhury

Date

November 30, 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**PATENT****RECORDED: 11/30/2007****REEL: 020185 FRAME: 0269**