

RECORDATION FORM COVER SHEET PATENTS ONLY

TI-60551 (1962-32300)

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)
 Oliver P. Sohm May 10, 2006
 Brian Cruickshank May 11, 2006
 Gary L. Swoboda May 8, 2006
 Jagadeesh Sankaran May 8, 2006
 Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: Texas Instruments, Inc.
 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 Section One Above
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

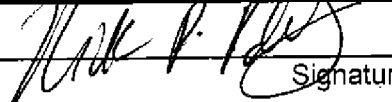
4. Application or patent number(s): This document is being filed together with a new application.
 A. Patent Application No.(s)
11/383,459
 B. Patent No.(s)

 Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
 Name: Bob Marshall
 Internal Address: Texas Instruments, Inc.
 Street Address: P. O. Box 655474, MS 3999
 City: Dallas
 State: Texas Zip: 75265
 Phone Number: (972) 917-5290
 Fax Number: (972) 917-4418
 Email Address: r-marshall2@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 20-0668
 Authorized User Name Bob Marshall

9. Signature:  May 19, 2006
 Signature Date
 Nick P. Patel
 Name of Person Signing
 Total number of pages including cover sheet, attachments, and documents: 4

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

CH \$40.00 200668 11383459

ATTORNEY DOCKET NO.
TI-60551 (1962-32300)

PAGE 1 OF 2

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

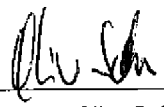
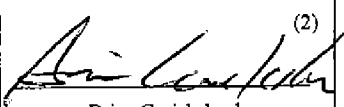
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at P.O. Box 655474, MS 3999, Dallas, Texas 75265, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said 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 Ass't Commissioner for Patents 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 my hand and seal this day and year;

TITLE OF INVENTION	PROVIDING INFORMATION ASSOCIATED WITH A USER-SPECIFIED CACHE		
SIGNATURE OF INVENTOR AND NAME	 (1) Oliver P. Sohm	 (2) Brian Cruickshank	(3) Gary L. Swoboda
DATE	5/10/06	May 11, 2006	
RESIDENCE (City, County, State)	139 Mavety Street Toronto, Ontario M6P 2L8 Canada	549 Stonecliffe Rd. Oakville, Ontario L6L 4N8 Canada	4435 Balboa Sugar Land, Fort Bend TX 77479
DATE APPLICATION EXECUTED			

After recordation, please return Assignment to:

Bob Marshall
Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265

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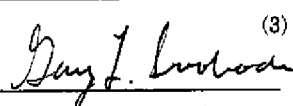
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SIGNATURE OF INVENTOR AND NAME	(1) _____ Oliver P. Sohm	(2) _____ Brian Cruickshank	(3)  _____ Gary L. Swoboda
DATE			5/8/2006
RESIDENCE (City, County, State)	139 Mavety Street Toronto, Ontario M6P 2L8 Canada	549 Stonecliffe Rd. Oakville, Ontario L6L 4N8 Canada	4435 Balboa Sugar Land, Fort Bend TX 77479
DATE APPLICATION EXECUTED			5/8/2006

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Bob Marshall
Texas Instruments Incorporated
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PAGE 2 OF 2

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

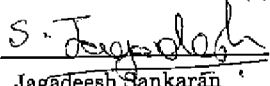
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TITLE OF INVENTION	PROVIDING INFORMATION ASSOCIATED WITH A USER-SPECIFIED CACHE		
SIGNATURE OF INVENTOR AND NAME	(1)  Jagadeesh Sankaran	(2)	(3)
DATE			
RESIDENCE (City, County, State)	1514 Warm Springs Drive Allen, Collin TX 75002		
DATE APPLICATION EXECUTED	05 / 08 / 06		

After recordation, please return Assignment to:

Bob Marshall