

RECC



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Patent and Trademark Office

Atty Ref/Docket No.: **TI-39647**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

4-27-06

1. Name of conveying party(ies):
Dipan Kumar Mandal and Bryan Joseph Thome
Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies):
Name: Texas Instruments Incorporated
Street Address: 7839 Churchill Way
City: Dallas State: TX Zip: 75251
Additional name(s) & address(es) attached? Yes No

112948 U.S. PTO
11/413406



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: April 26, 2006, April 27, 2006

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

If this document is being filed together with a new application, the execution date of the application is: April 26, 2006, April 27, 2006

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Alan Stewart
Address: Texas Instruments Incorporated
P.O. Box 655474
MS 3999
Dallas, TX 75265

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed
 Authorized to be charged to deposit account

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 20-0668

DO NOT USE THIS SPACE

9. Statement and signature.

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.

Raj Abhyanker /Reg. No.45,474
Name of Person Signing

April 27, 2006
Date

Total number of pages including cover sheet: 3

Mail documents to be recorded with required cover sheet information to:

**Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450**

ATTORNEY DOCKET NO.

TI-39647

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, having a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, 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 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 instance of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitution 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	METHOD AND SYSTEM OF A PROCESSOR-AGNOSTIC ENCODED DEBUG-ARCHITECTURE IN A PIPELINED ENVIRONMENT		
SIGNATURE OF INVENTOR AND NAME	(1) <i>Dipankar Mandal</i> Dipankar Kumar Mandal	(2) Bryan Joseph Thome	(3)
DATE	Apr 26, 2006		
RESIDENCE (City, State)	301 Primax Park Apartment NR Layout, Murgeshpalya Bangalore 560017 India	1304 Upland Drive Houston, TX 77459	
DATE APPLICATION EXECUTED			

After recordation, please return Assignment to:

Alan Stewart
Texas Instruments, Inc. 3999
P.O. Box 655474, MS 3999
Dallas, TX 75265

ATTORNEY DOCKET NO.
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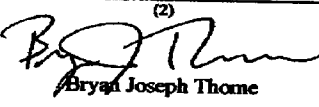
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, P.O. Box 655474, MS 3999, Dallas, Texas 75265, is desirous of acquiring my entire right, title and interest 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 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.

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PATENT