

01-12-2004

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FORM PTO 1595
1-31-92

12.31.03

RECOR.



PATENT 102643455

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

1. Name and Address of Conveying Party(ies):

Kendall S. Wills
13011 Nantucket
Sugar Land, Fort Bend County, Texas 77478

Individual Citizenship: United States of America

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

2. Name and Address of receiving Party(ies):

Name: TEXAS INSTRUMENTS INCORPORATED

Mailing Address: Legal Department
P.O. Box 655474, M/S 3999
Dallas, Texas 75251

Street Address: Legal Department
7839 Churchill Way, M/S 3999
Dallas, Texas 75265

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other

Execution Date: December 23, 2003; December 24, 2003.

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

031088 U.S. PTO
10/749885
123103

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: December 23, 2003; December 24, 2003.

A. Patent Application No.(s):

B. Patent No.(s):

Additional Numbers Yes No

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

Name: Michael K. Skrehot, Esq.
Internal Address: TEXAS INSTRUMENTS INCORPORATED
Street Address: 7839 Churchill Way, M/S 3999
City: Dallas
State: Texas Zip 75251

6. Total number of application and patents involved: One

7. Total Fee (37C.F.R. 3.41): \$40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number:
No. 20-0668 of Texas Instruments Incorporated
(Attach Duplicate Copy of this page if paying by deposit account)

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.

Christopher W. Kennerly, Reg. No. 40,675
Name of Person Signing

Signature

December 31, 2003
Date

Total number of pages including cover sheet

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Mail documents to be recorded with required cover sheet information:

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PATENT
REEL: 014860 FRAME: 0194

FORM PTO-1595
ATTACHMENT

Name of Conveying Parties – Continued – ALL INDIVIDUALS

Kartik (nmi) Ramanujachar
806 Walker School Road
Sugar Land, Fort Bend County, Texas 77479
Citizenship: Canada
Date Assignment Executed: December 24, 2003.
Date Application Executed: December 24, 2003.

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


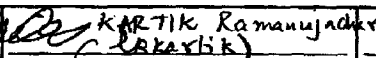
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the 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 and 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 to issue all patents for said invention, or patents 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	WAVELET ANALYSIS OF SIGNALS TO DETERMINE CHARACTERISTICS OF ANOMALIES IN A WIRE		
Signature of Inventor and Name	 Kendall S. Wills	 Kartik (nmi) Ramanujachar	
Date	12/23/2003	12/24/03	
Residence (City, State & County)	13011 Nantucket Sugar Land, Texas 77478 (Fort Bend County)	806 Walker School Road Sugar Land, Texas 77479 (Fort Bend County)	
Date Application Executed	12/23/2003	12/24/03	

After recording, return Assignment to:

Michael K. Skrehot
Texas Instruments Incorporated
P. O. Box 655474, M/S 3999
Dallas, Texas 75265

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TOTAL P.01