

FORM PTO-1595

RECORDATION FORM COVER SHEET
PATENTS ONLYU.S. Department of Commerce
Patent and Trademark Office

TI-38664

To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Josey G. Angilivelil (4/12/2005)
Douglas A. Roberson (4/12/2005)
Stephen H. Lin (4/12/2005)
Venkateswar R. Kowkutla (4/12/2005)Additional name(s) attached? ___ Yes X No

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

Name: Texas Instruments Incorporated
Address: PO Box 655474, M/S 3999
City: Dallas
State: Texas
Zip: 75265Additional name(s) & address(es) attached? ___ Yes X No

3. Nature of Conveyance:

X Assignment _____ Merger
_____ Security Agreement _____ Change of Name
_____ Other _____

Execution Date: April 12, 2004

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

This document is being filed together with a new application.
Execution date of the application: December 22, 2004, December 28, 2004, January 21, 2005, and December 22, 2004
Title: SIGNAL PROCESSING APPARATUS HAVING INTERNAL CLOCK SIGNAL SOURCE
Docket: TI-38664
Filing Date: 12/31/2004

A. Patent Application No.(s)

11/026,654
Additional numbers attached? ___ Yes X No

B. Patent No.(s)

Additional numbers attached? ___ Yes X No

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

Name: W. Daniel Swayze Jr.
Texas Instruments Incorporated
Address: PO Box 655474, M/S 3999
City: Dallas
State: Texas Zip: 752656. Number of applications and patents involved: 17. Amount of fee enclosed or authorized to be charged: **\$40**8. Deposit account number: **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.

4-26-2005
DateW. Daniel Swayze Jr.
W. Daniel Swayze Jr., Registration No. 34,478

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CH \$40.00 200668 11026654

ATTORNEY DOCKET NO.

TI-38664

ASSIGNMENT

Page 1 of 1

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

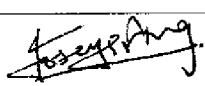
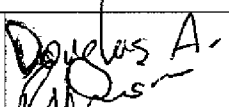
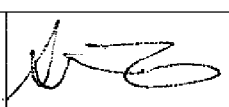
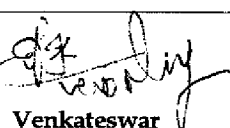
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said 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 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 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	SIGNAL PROCESSING APPARATUS HAVING INTERNAL CLOCK SIGNAL SOURCE			
SIGNATURE OF INVENTOR AND NAME	 Josey George Angilivelil	 Douglas Allen Roberson	 Stephen H. Lin	 Venkateswar Reddy Kowkutla
DATE	4/12/05	4/12/05	4/12/05	4/12/05
RESIDENCE (City, County, State)	Sachse, Collin County, Texas	Rockwall, Rockwall County, Texas	Plano, Collin County, Texas	Plano, Collin County, Texas
DATE APPLICATION EXECUTED				

PATENT

RECORDED: 04/20/2005

REEL: 016114 FRAME: 0149

TOTAL 10.03