

08-09-2005



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Docket No.: TI-39122

112919 U.S. PTO  
11/193867

072905

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)/Execution Date(s):**

SRINATH MATHUR RAMASWAMY  
JAGADEESH KRISHNAN  
GANGADHAR BURRA

Execution Date(s) 7/15/05, 7/18/05, 7/15/05

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

**3. Nature of conveyance:**

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Texas Instruments Incorporated

Internal Address: \_\_\_\_\_

Street Address: P.O. Box 655474, M/S 3999

City: Dallas

State: TX

Country: USA Zip: 75265

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

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

This document is being filed together with a new application. 7/15, 7/18, 7/15/05

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: RONALD NEERINGS

Internal Address: Texas Instruments, Inc.

Street Address: P.O. Box 65574, M/S 3999

City: Dallas

State: Texas Zip: 75265

Phone Number: 972-917-5299

Fax Number: 972-917-4418

Email Address: r-neerings@ti.com

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

- 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 Texas Instruments, Inc.

**9. Signature:**

July 29, 2005

Date

08/08/2005 BYRNE 00000078 200668 1129193867

01 RC:0021 40.00 BR

Gary J. Pitzer

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 (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

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

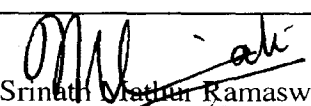
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

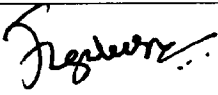
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefore, 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.

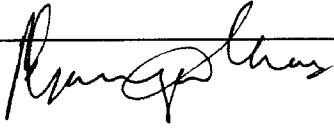
I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for 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	<u>CLASS-D AMPLIFIER SYSTEM</u>
SIGNATURE OF INVENTOR AND NAME	 Srinath Mather Ramaswamy
DATE	7/15/2005
RESIDENCE (COMPLETE ADDRESS CITY AND STATE)	5850 Beltline Road Apartment 1106 Dallas, TX 75254
DATE APPLICATION EXECUTED	7/15/2005

TITLE OF INVENTION	<u>CLASS-D AMPLIFIER SYSTEM</u>
SIGNATURE OF INVENTOR AND NAME	 Jagadeesh Krishnan
DATE	07/18/2005
RESIDENCE (COMPLETE ADDRESS CITY AND STATE)	9030 Markville Drive Apartment 3015 Dallas, TX 75243
DATE APPLICATION EXECUTED	07/18/2005

TITLE OF INVENTION	<u>CLASS-D AMPLIFIER SYSTEM</u>
SIGNATURE OF INVENTOR AND NAME	 Gangadhar Burra
DATE	July 15, 2005
RESIDENCE (COMPLETE ADDRESS CITY AND STATE)	3709 Morning Drive Plano, TX 75025
DATE APPLICATION EXECUTED	July 15, 2005